

**Mutina**



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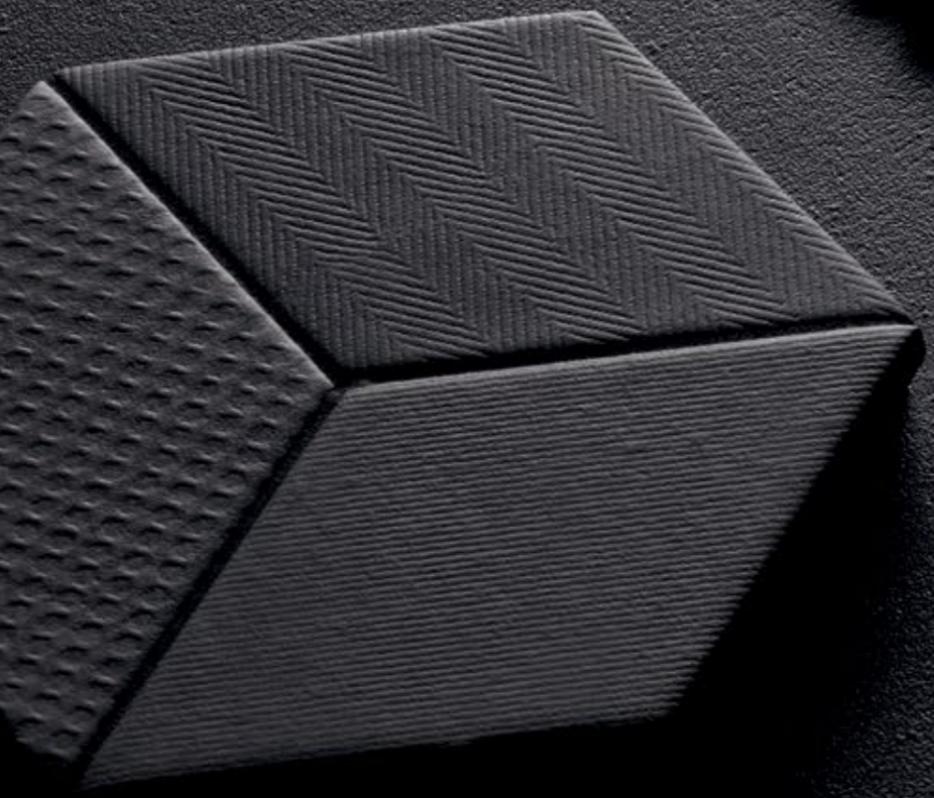
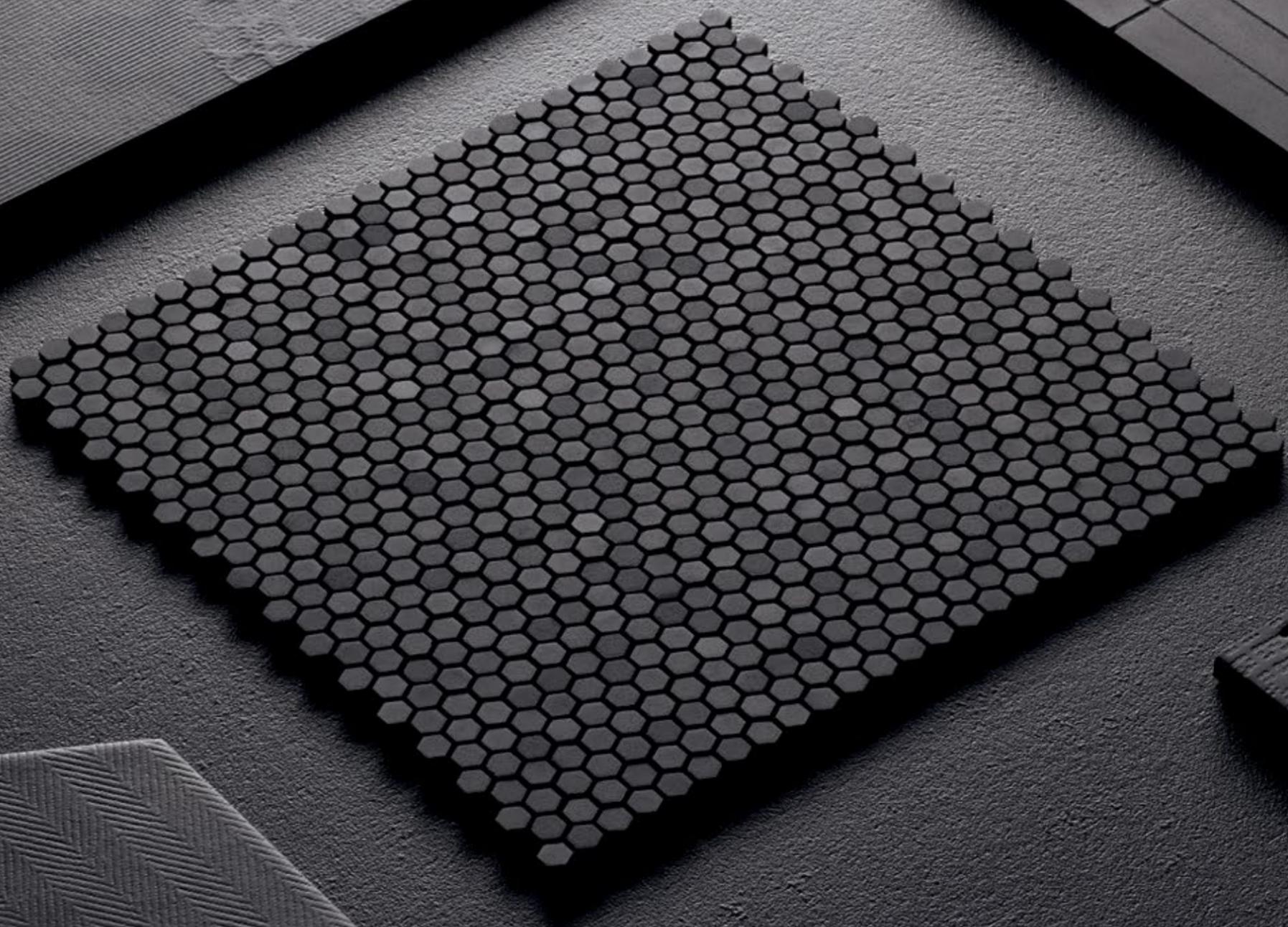
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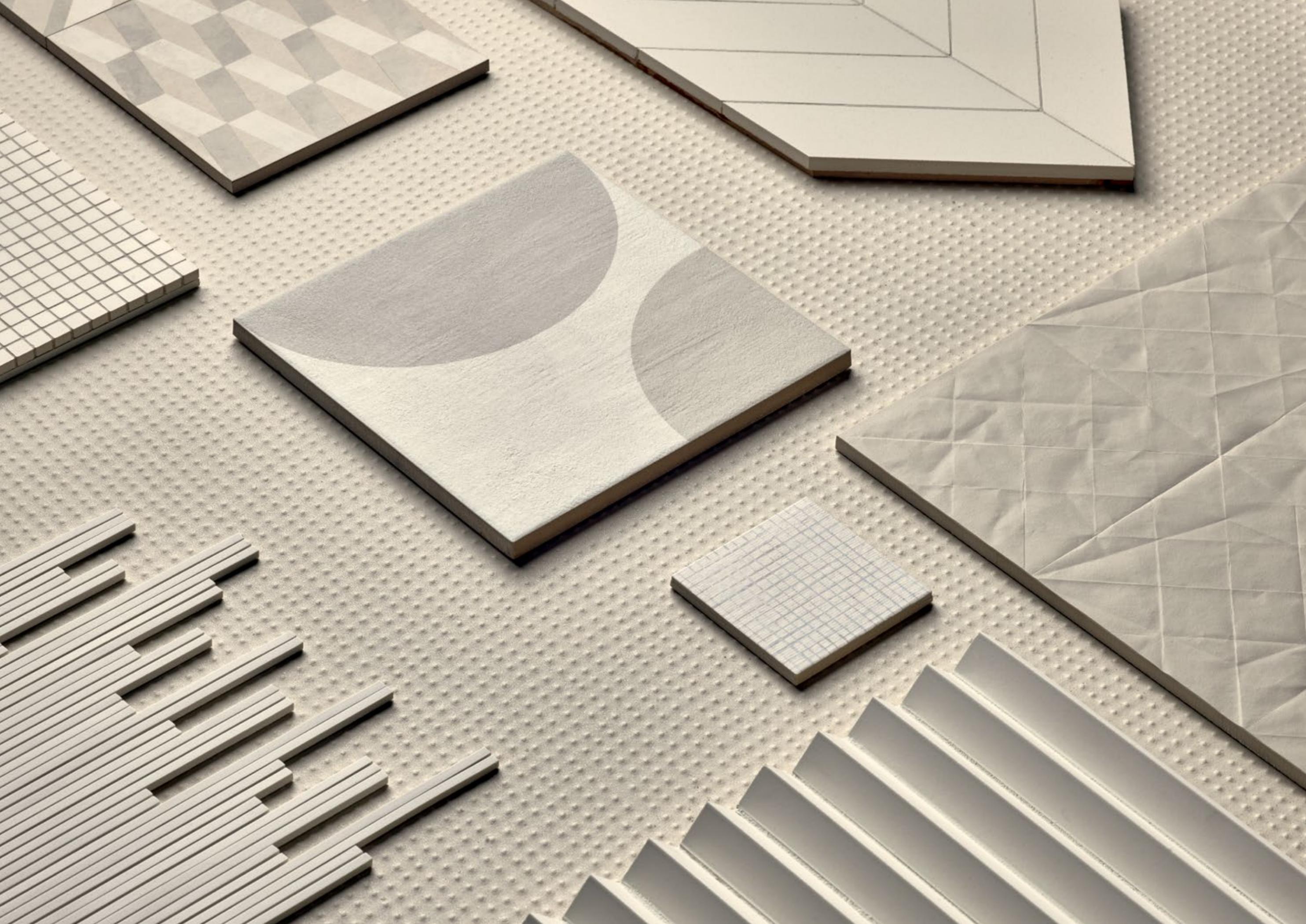
# About Mutina

## Everything begins with an interruption

Mutina nasce dalla naturale esigenza di portare il pensiero dei grandi designer a misurarsi per la prima volta con il mondo dei rivestimenti ceramici. Grazie a questa intuizione, il brand intraprende nel 2005 un percorso inedito, con lo scopo di sfidare le regole della ceramica non solo in termini di scala, texture e composizione, ma di creatività e sperimentazione.

Mutina derives from the natural need to urge top designers to bring their ideas, for the first time, to the world of ceramic covering materials. It was thanks to this intuition that in 2005, the brand set off down a brand-new road, with the aim of challenging the rules of ceramics in terms not only of scale, texture and composition, but of creativity and experimentation.





urge for creativity  
vision and creation  
design and matter together  
in an infinite dialogue

identity and openness  
ethics and friendship  
as imperative values  
to build something powerful

tireless innovation  
sensitivity and research  
awareness for what surrounds us  
because nature is our only future

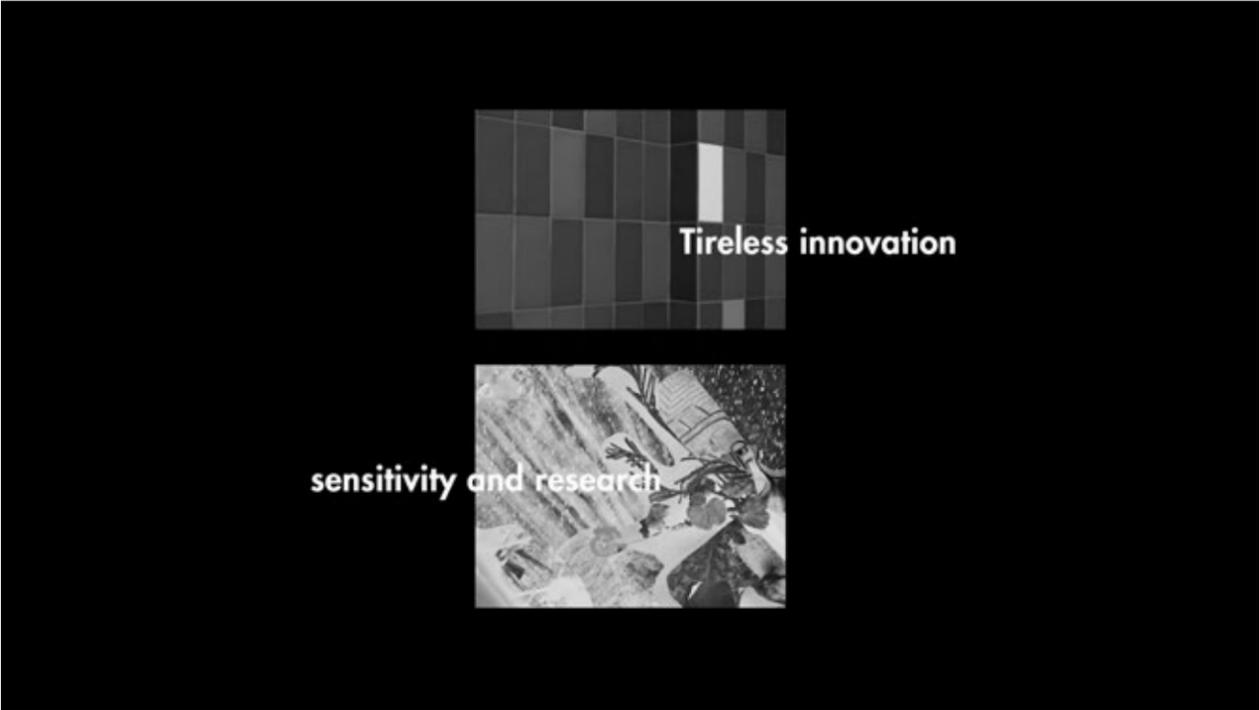
love for art  
beauty  
pureness  
emotions

we want to get  
to the deepest essence of things,  
subtract weight  
release substance  
less fuss  
more lightness  
simplicity is the key  
to move straightforward  
to a new future.

## Design

Mutina è un progetto d'autore, sviluppato insieme a un team fatto di voci eterogenee con un comune denominatore: una visione unica. La collaborazione con Edward Barber e Jay Osgerby, Ronan ed Erwan Bouroullec, Nathalie Du Pasquier, Konstantin Grcic, Hella Jongerius, Laboratorio Avallone, OEO Studio, Raw Edges, Inga Sempé, Patricia Urquiola e Tokujin Yoshioka nasce da un rapporto di amicizia e grande rispetto reciproco, ma anche da una sfida: sperimentare un'infinita gamma di texture e colori, dai toni neutri e delicati a quelli più audaci e vibranti. Questo, insieme a un'incessante ricerca di valorizzazione della materia ceramica, costituisce l'origine del linguaggio di Mutina, che oltre ogni evoluzione e interpretazione, ha sviluppato un'identità forte e riconoscibile, grazie anche all'imprescindibile alta qualità del prodotto, innovativo ma bilanciato, che invita a sentire, toccare.

Mutina is a design project developed by a heterogenous team that shares the same unique vision. The collaboration with Edward Barber and Jay Osgerby, Ronan and Erwan Bouroullec, Nathalie Du Pasquier, Konstantin Grcic, Hella Jongerius, Laboratorio Avallone, OEO Studio, Raw Edges, Inga Sempé, Patricia Urquiola and Tokujin Yoshioka sprang from a friendship and a huge sense of mutual respect, as well as from the challenge of experiencing the endless range of textures and colours, spacing from delicate and neutral shades to the most bold and vibrant ones. These features, together with a never-ending effort to bring out the best in ceramic material, are the origin of the Mutina concept, which – beyond any evolution and interpretation – has developed a strong, recognisable identity, also thanks to the essential high quality of the product: innovative yet perfectly balanced and inviting, a product to reach out and touch.



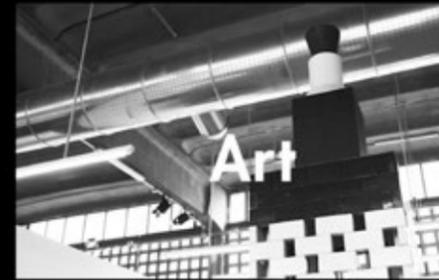
*A Manifesto, 2020.*  
The video tells about the pillars that underlie the transformation underway, but also those that have been strong points in Mutina's philosophy to date. A new path towards a single goal: the future.



awareness for what surrounds us

Love for

because nature is our only future



Art



Beauty



Purenness



Emotions

# Mutina for Art



Sensibilità per la forma, desiderio di innovare e volontà di incorporare gli stimoli visivi più eterogenei del mondo attuale fanno parte del mondo Mutina fin dalla sua nascita, ma nel 2016 si concretizzano in Mutina for Art, programma ambizioso e variegato in cui l'arte contemporanea è grande protagonista. Questo importante passo riflette la volontà dell'azienda di rendere strutturato e articolato il suo impegno nei confronti dell'arte contemporanea, da sempre al centro degli interessi del brand, per renderla fonte di influenza, esperienza e, soprattutto, territorio di scambio. Il programma include MUT, spazio espositivo dedicato presso la nostra sede, This Is Not a Prize, importante premio assegnato annualmente, e Dialogue, programma di collaborazioni con artisti, gallerie, partner appartenenti a svariate aree di interesse e istituzioni artistiche internazionali.

Sensitivity for shape, a desire to innovate and to take on board an incredible variety of visual stimuli from today's world have been part of the Mutina universe since its inception, but it was not until 2016 that these elements came together in Mutina for Art, an ambitious, varied programme in which contemporary art plays a central role. This important step reflects the company's desire to organise and structure its commitment to contemporary art, which is always central to the brand's interests, in order to make it a source of influence, experience and, above all, to generate dialogue and exchange. The programme includes MUT, a dedicated exhibition space at our headquarters, This Is Not a Prize, an important award assigned yearly, and Dialogue, a programme of collaboration with artists, galleries, partners belonging to various areas of interest and international art institutions.

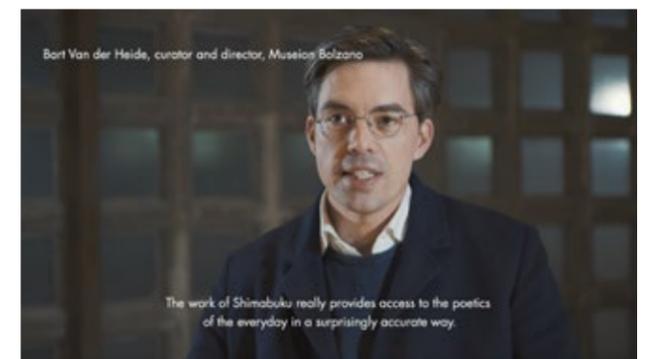
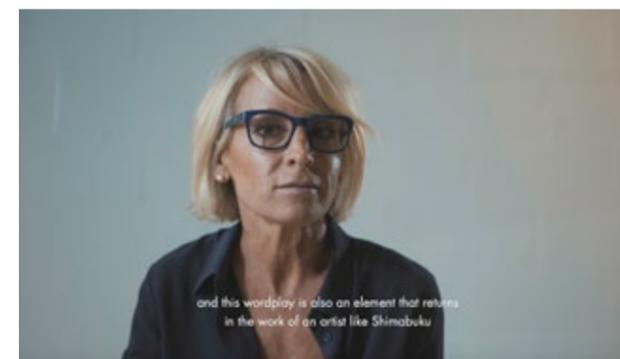
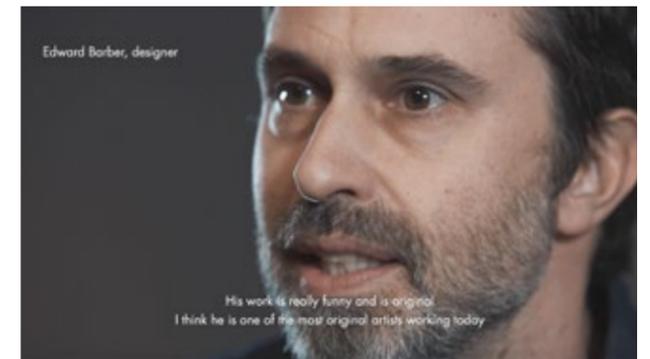


MUT – 4 BRIC by Nathalie Du Pasquier

The exhibition consisted of a site specific installation where the brick, perceived as an element linked to the earth and the tradition of ceramic, has been re-interpreted in its physical and conceptual essence.

On the previous page: Torre Numero Uno by Nathalie Du Pasquier

One of the vibrant coloured structures realised by the artist in collaboration with Mutina, has been exhibited at Sculpture Garden Biennial in Geneva.



Artist Shimabuku was awarded with This Is Not a Prize #4. The jury was composed of Bart Van der Heide (curator and director, Museion Bolzano), Sarah Cosulich (curator, Mutina for Art), Barber & Osgerby (designers), Ambra Medda (design expert and journalist) and Massimo Orsini (CEO, Mutina).

## Casa Mutina Milano



Nel 2020 è stata inaugurata Casa Mutina, il nuovo spazio situato nel cuore del distretto di Brera a Milano. Un luogo vivo, dove riscoprire il valore dell'esperienza ed entrare in contatto diretto con l'universo creativo dell'azienda attraverso un programma di incontri, eventi speciali e talk, nonché punto di riferimento essenziale per la consulenza ai professionisti nella gestione di grandi progetti, grazie alla presenza di un team dedicato.

Casa Mutina, the new venue located in in the heart of Brera district in Milan, has been inaugurated in 2020. A living space where to rediscover the value of experience, deepening into the company creative universe through a programme of meetings, special events and talks, as well as a point for professionals who seek consulting in managing large projects, thanks to the presence of a dedicated team.







# Casa Mutina Modena

Hospitality by Mutina

Casa Mutina Modena è la nuova serie di residenze Mutina pensate per accogliere gli ospiti e i collaboratori che vengono da lontano. Si tratta di uno spazio progettato per far conoscere di persona la realtà dell'azienda, come un vero e proprio showroom, visitabile su appuntamento. La struttura è situata nel cuore del centro storico di Modena, a due passi dall'Accademia – ex Palazzo Ducale –, uno dei monumenti più importanti della città. Un contesto dall'affascinante atmosfera medioevale, estremamente significativo dal punto di vista dell'evoluzione storica e urbanistica del luogo, e visivamente suggestivo.

Il quartiere, costellato di vicoli stretti e pittoreschi palazzi colorati dalle finestre longilinee e disallineate, fa da cornice a un'antica palazzina a schiera di cinque piani. Il progetto di restyling è stato realizzato da OEO Studio di Copenhagen, in collaborazione con l'Area Progetti di Mutina, a cui era stato chiesto di ricostruire gli appartamenti da zero, con l'obiettivo di trasformare gli ambienti originali. OEO Studio si è occupato della nuova disposizione degli spazi e dei dettagli strutturali, adattandoli a un contesto più contemporaneo, pur preservando l'autenticità e l'architettura del vecchio edificio.

Casa Mutina Modena is the new series of Mutina residences designed for guests and Mutina staff. The space aims at allowing to experience the reality of the company in person, as it happens in an actual showroom, and can be visited by appointment. The structure is located in the heart of the historical centre of Modena, a stone's throw from the Academy – formerly Palazzo Ducale –, one of the city's most important monuments. This beautiful setting is extremely significant from the point of view of its historical and urban evolution and has a fascinating medieval atmosphere.

The district, studded with narrow alleys and picturesque colourful palaces with long, misaligned windows, forms the setting for an ancient five-storey town house. The interiors have been designed by Copenhagen-based practice OEO Studio, in collaboration with Mutina's Project Division, who were entrusted to restore the building from scratch with the aim of transforming the original layouts. OEO Studio were responsible for the new spatial planning and architectural detailing that provided for a more contemporary context, while at the same time preserving the authenticity and architecture of the building.



# Designers

Edward Barber  
& Jay Osgerby  
Ronan & Erwan Bouroullec  
Nathalie Du Pasquier  
Konstantin Grcic  
Hella Jongerius  
Laboratorio Avallone  
OEO Studio  
Raw Edges  
Inga Sempé  
Patricia Urquiola  
Tokujin Yoshioka



Patricia Urquiola



Ronan & Erwan Bouroullec



Raw Edges



Hella Jongerius



Barber & Osgerby



Tokujin Yoshioka



Nathalie Du Pasquier



Laboratorio Avallone



Inga Sempé



Konstantin Grcic



OEO Studio

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# Edward Barber & Jay Osggerby

Lane, Mews, Puzzle, Mistral, Primavera

# CREATIVITY COMES FROM THE HEARTH, FROM THE SOUL.



Edward Barber e Jay Osgerby, fondatori del celebre studio londinese che da loro prende il nome, sono entrati a far parte del team Mutina nel 2013 con la collezione Mews. Hanno poi rinnovato la collaborazione con Puzzle e Mistral, e lanciato Lane e Primavera nel 2018.

Barber e Osgerby inaugurano il loro studio londinese nel 1996, dopo essersi laureati al Royal College of Art di Londra. Il loro approccio multidisciplinare sfida i confini del design industriale, dell'architettura e dell'arte. I loro lavori includono collezioni per Knoll, Vitra, B&B Italia, Cappellini, Venini e Flos, limited edition e commissioni pubbliche come la London 2012 Olympic Torch e la moneta da 2 sterline disegnata per la Royal Mint. La prima monografia estensiva loro dedicata, pubblicata da Rizzoli New York, è del 2011. Entrambi sono Royal Designers for Industry (RDI) e Honorary Doctors of Art. Il loro lavoro è nelle collezioni permanenti di musei in tutto il mondo, come il V&A e il Design Museum di Londra, il Metropolitan Museum of Art di New York o l'Art Institute di Chicago.

Edward Barber and Jay Osgerby, founders of the London-based studio that takes their names, joined the Mutina team in 2013 with the Mews collection. They renewed the collaboration with Puzzle and Mistral, and launched Lane and Primavera in 2018.

Barber and Osgerby opened their London-based studio in 1996, after graduating from the Royal College of Art. Their multidisciplinary approach pushes the boundaries of industrial design, architecture and art. Their works include collections for Knoll, Vitra, B & B Italia, Cappellini, Venini and Flos, limited edition pieces and commissions such as the London 2012 Olympic Torch and the £2 coin designed for the Royal Mint. The first extensive monograph on the pair was published by Rizzoli New York in 2011. They are both Royal Designers for Industry (RDI) and Honorary Doctors of Art. Their work is included in the permanent collections of museums all around the world, such as V&A and Design Museum in London, the Metropolitan Museum of Art in New York and Chicago's Art Institute.



# Lane

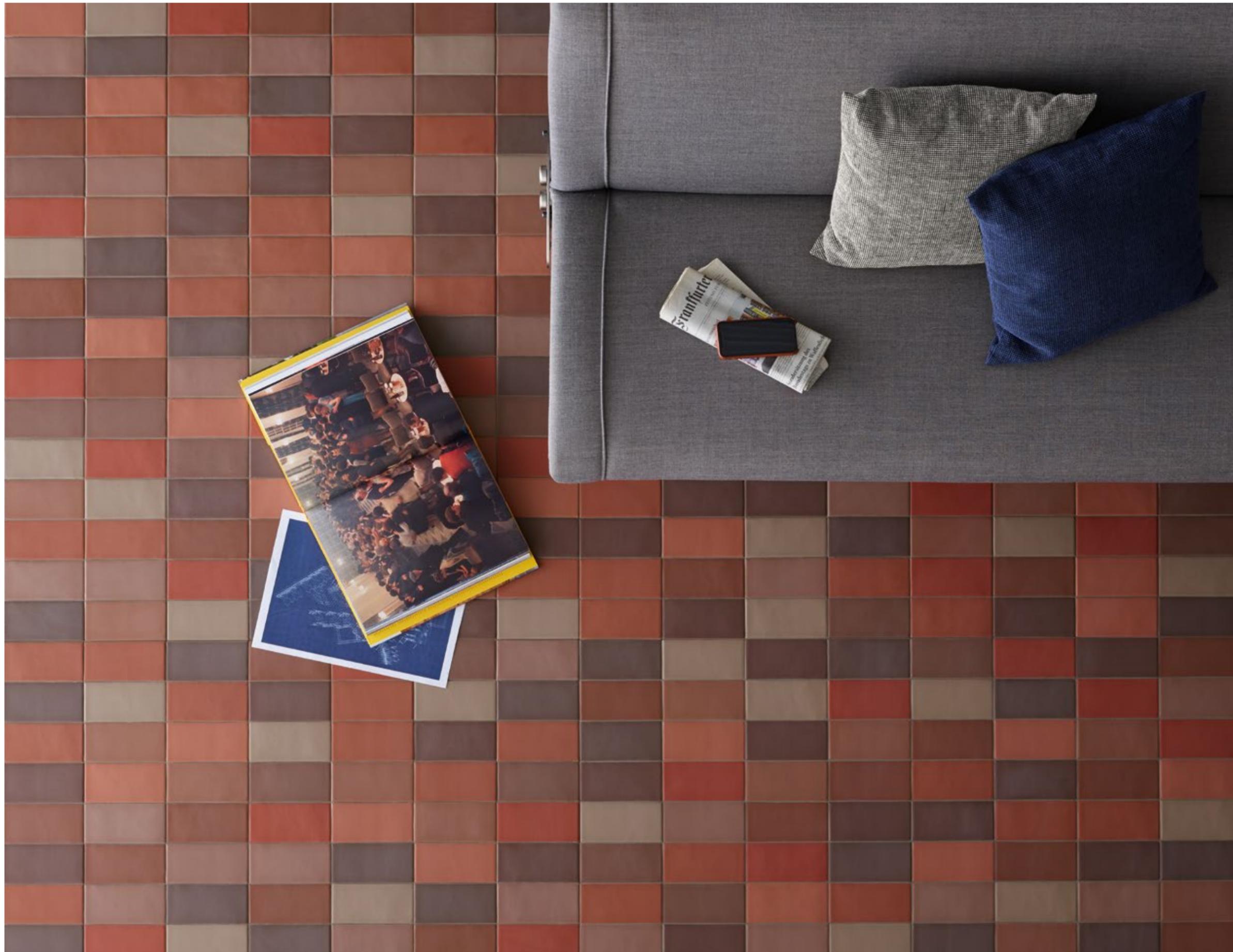
by Barber & Osgerby

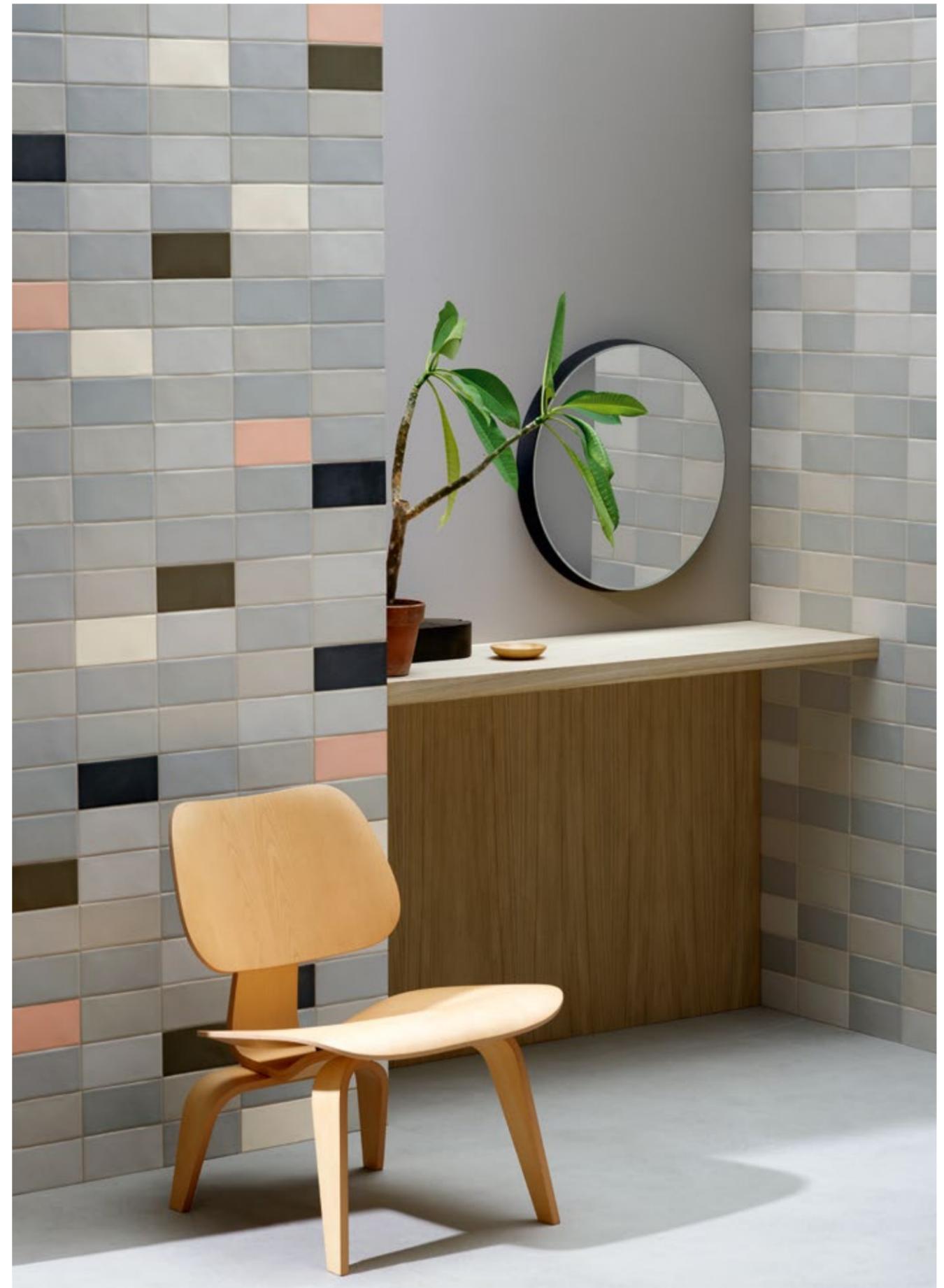
Lane è il risultato di un'analisi concettuale sul colore, interpretato attraverso uno studio dettagliato dei quartieri e delle architetture di Londra, città che da sempre è fonte di ispirazione per i designer. Lane si compone di tre versioni: Base, Poly e Mono. La versione Base consiste in cinque palette cromatiche (White, Black, Grey, Aubergine e Terracotta) ognuna delle quali è formata da un mélange di numerosi toni diversi. Come nelle facciate degli edifici londinesi alcuni colori forti si stagliano sul tono di fondo, così in Poly vengono aggiunti alcuni elementi in contrasto ai range precedenti. Mono, invece, è la versione optical ed esiste solo nelle tonalità White e Black. La collezione è disponibile nel formato 7,9 x 16 cm ed è adatta ad ambienti interni ed esterni, sia a pavimento che a rivestimento.

Lane is the result of a conceptual analysis of colour, interpreted through a detailed study of the neighbourhoods and architecture of London, a city that has always been a source of inspiration for designers. Lane is composed of three styles: Base, Poly and Mono. The Base version comprises five colour palettes (White, Black, Grey, Aubergine and Terracotta), each of which is formed by a mix of different tones. Like facades in London, where a number of strong colours stand out against the background shade, added to Poly are a number of elements in contrast to the previous ranges, while Mono is the optical version and comes in White and Black only. The collection comes in the 7,9 x 16 cm size and is suitable for both indoor and outdoor settings, on both floors and walls.









# Mews

by Barber & Osgerby

Mews trae ispirazione dal paesaggio, la storia e la personalità di Londra, così come dalla grande varietà di texture che caratterizzano le sue infrastrutture. Particolari che qui si fondono, andando a creare composizioni piacevolmente vibranti, dall'aspetto solo apparentemente casuale. Mews è il risultato di una lunga sperimentazione sul colore, che ha portato alla nascita di una palette di sei tinte base – Chalk, Fog, Pigeon, Lead, Ink e Soot – ognuna delle quali si suddivide nuovamente in 15 toni diversi, che conferiscono alla superficie posata un senso di profondità e movimento.

La collezione è realizzata in grès porcellanato smaltato ad impasto colorato in massa secondo un processo industriale. L'ampio range di sfumature neutre consente di utilizzare gli elementi di Mews sia come punto focale di un ambiente che come sfondo per interni di ogni tipo.

Mews is inspired by the landscape, history and personality of London, as well as by the great variety of textures that characterize its infrastructures. These details merge, creating pleasantly vibrant compositions, with a seemingly casual appearance. Mews is the result of a long experimentation on colour, which led to the creation of a palette of six basic shades – Chalk, Fog, Pigeon, Lead, Ink and Soot – each of which is subdivided again into 15 different tones, which give the surface a sense of depth and movement.

The collection is made of glazed porcelain stoneware with mass-coloured mixture according to an industrial process. The wide range of neutral shades allows the use of Mews elements both as a focal point of a space and as a background for interiors of all kinds.









# Mistral

by Barber & Osgerby

Con Mistral, Mutina prosegue la sua ricerca sugli elementi tridimensionali. La collezione è nata da una reminiscenza delle architetture antiche tipiche della campagna italiana, da cui i designer hanno tratto ispirazione per progettare elementi estremamente innovativi e altamente funzionali. Mistral si compone di un unico modulo in terracotta prodotto artigianalmente per colaggio, disponibile nelle misure 12,5x25,5x12,5 cm.

Le basi dell'elemento sono multiple all'altezza, a simboleggiarne la versatilità e le diverse combinazioni possibili – orizzontale e verticale, chiusa e aperta – grazie alle quali è possibile creare vibranti chiaroscuri lungo intere superfici, adatti ricoprire strutture architettoniche sia in interni che in esterni.

With Mistral, Mutina continues its research on three-dimensional elements. The collection was born from a reminiscence of the ancient architecture typical of the Italian countryside, from which the designers drew inspiration to design extremely innovative and highly functional elements. Mistral is composed of a single terracotta module handcrafted for casting, available in 12,5x25,5x12,5 cm sizes.

The bases of the Mistral elements are multiple to the height, to symbolize the versatility and the different possible combinations – horizontal and vertical, closed and open – thanks to which it is possible to create vibrant chiaroscuro along entire surfaces, suitable to cover architectural structures both indoors and outdoors.





# Primavera

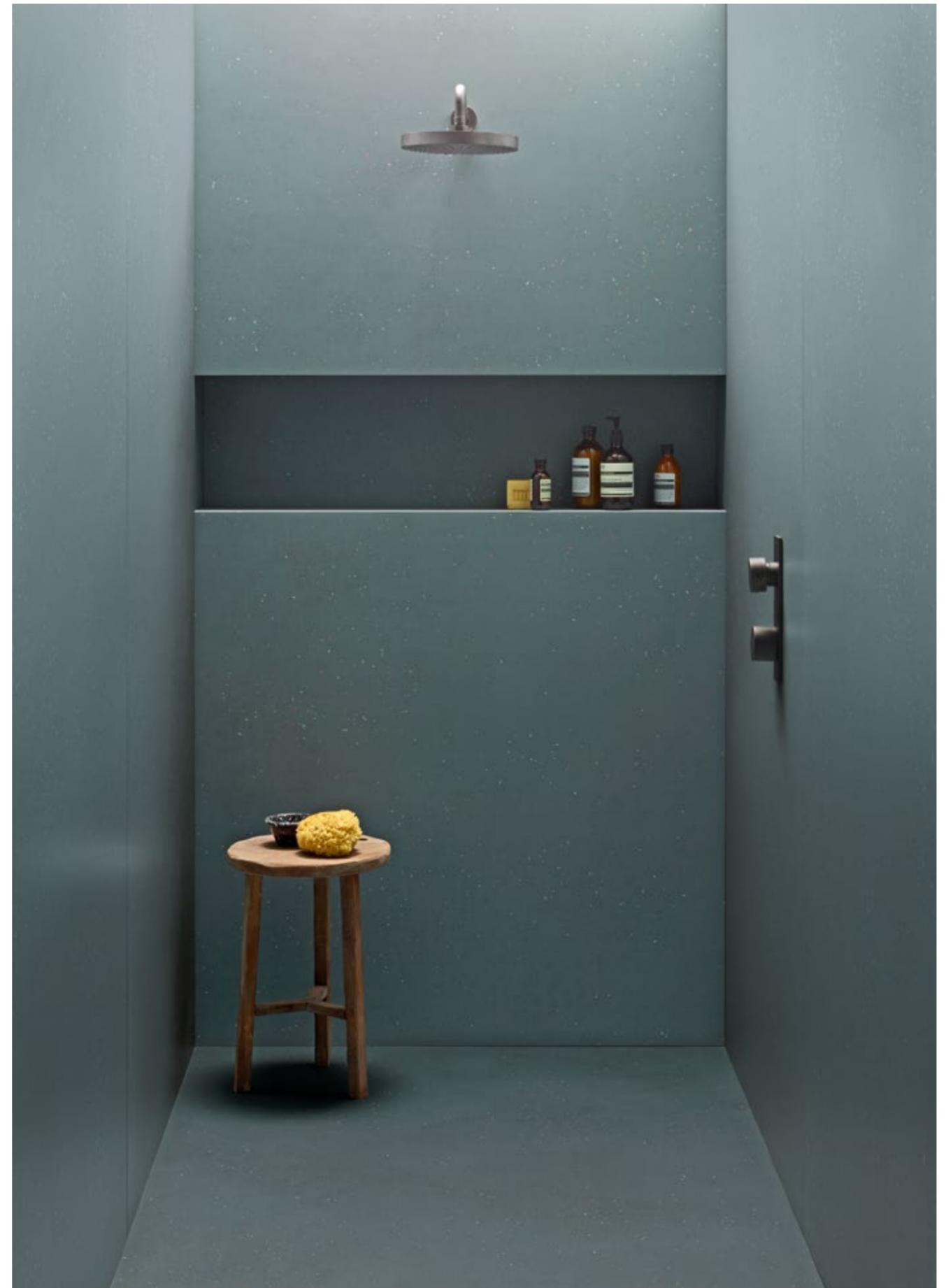
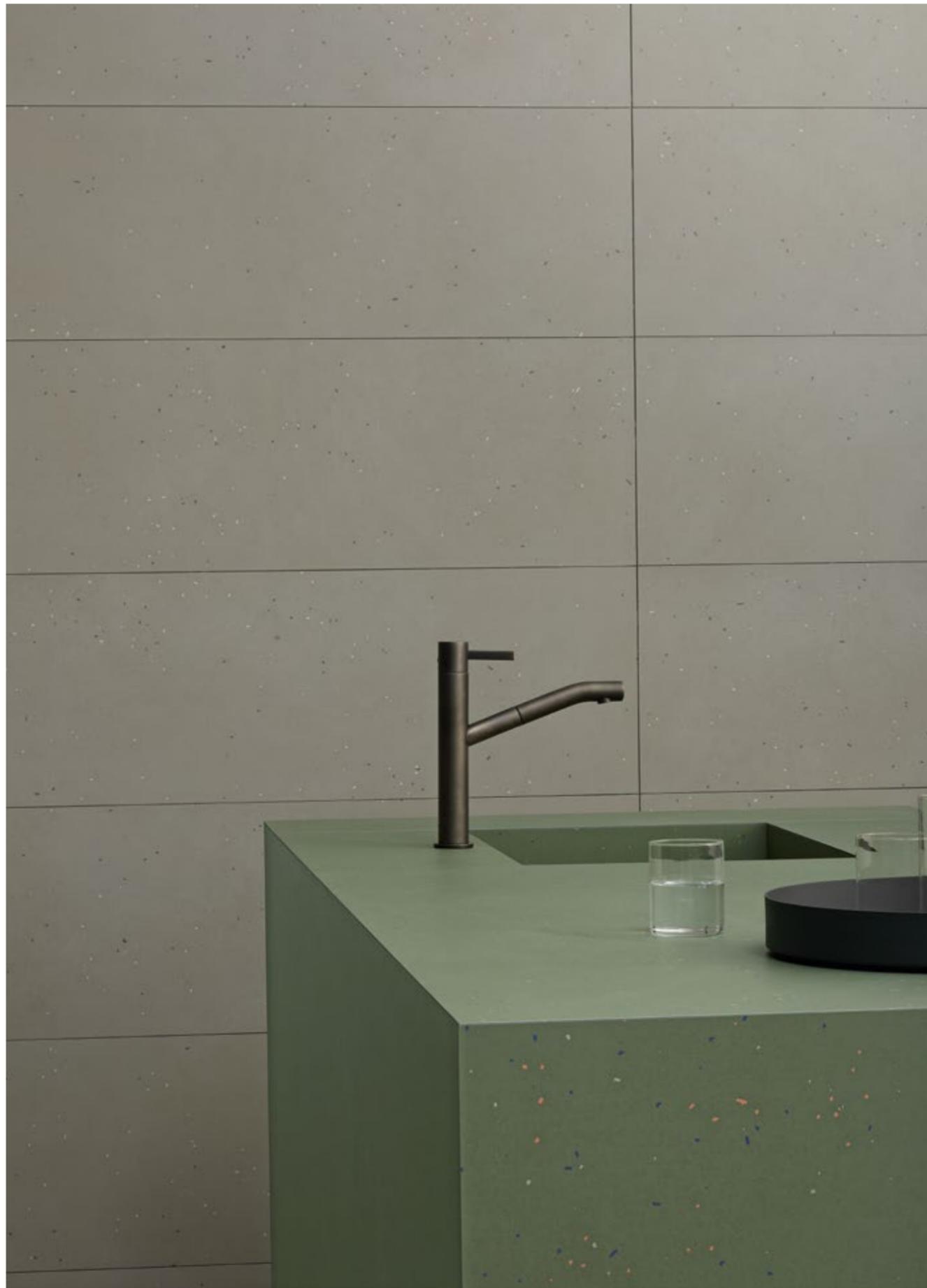
by Barber & Osgerby

Primavera è una rappresentazione del contrasto millenario tra l'elemento naturale e il mondo artificiale, in forma ceramica. Gettando piccole scaglie colorate in maniera del tutto randomica sulla superficie, i designer sono riusciti a ricreare l'illusione di un materiale naturale e delle sue irregolarità, dando così vita a una texture sempre unica e diversa. Prodotte in grès porcellanato non smaltato, le piastrelle sono disponibili nei formati 60x60 cm, 120x240 cm, 120x120 cm e 40x120 cm, in cinque colorazioni differenti: Bianco, Grigio, Verde, Blu e Nero. Accantonare un design lineare a favore di un risultato decorativo nella sua irregolarità conservando, tuttavia, il valore aggiunto della manifattura, ha dato vita a un prodotto contemporaneo e raffinato, adatto a una posa a pavimento e rivestimento, sia in interni che in esterni.

Primavera represents the contrast between the natural element and the artificial world, translated into ceramic. The designers have reproduced a slab that resembles a natural element with all its irregularities, by throwing small coloured ceramic inserts in a completely random way, thus creating a unique and always different texture. Produced in glazed porcelain stoneware, the tiles are available in size 60x60 cm, 120x240 cm, 120x120 cm and 40x120 cm and consist of five basic colours: Bianco, Grigio, Verde, Blu e Nero. To abandon a linear design in favour of a decorative yet irregular result, still preserving the added value of manufacture, gave birth to a contemporary and refined product that is suitable for both floors and walls, indoors and outdoors.













# Puzzle

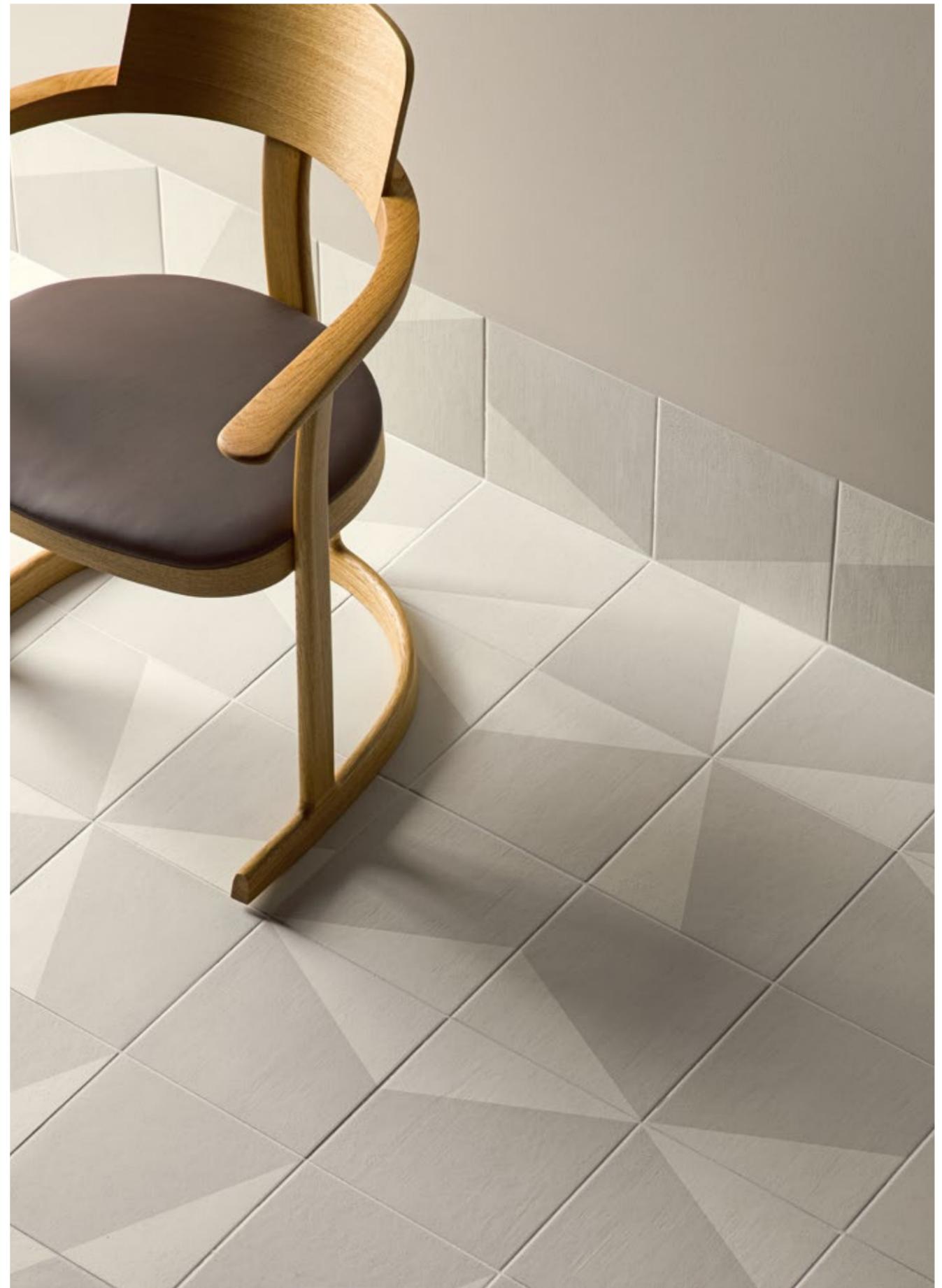
by Barber & Osgerby

Puzzle rappresenta la libertà di creare infinite combinazioni randomiche attraverso l'accostamento di pattern grafici dal gusto moderno e contemporaneo, amplificando al massimo la possibilità di personalizzare gli spazi. Una collezione senza precedenti, che permette di disporre gli elementi – di dimensione 25x25 cm – in orizzontale e in verticale, su pavimenti e rivestimenti, seguendo forme regolari o astratte.

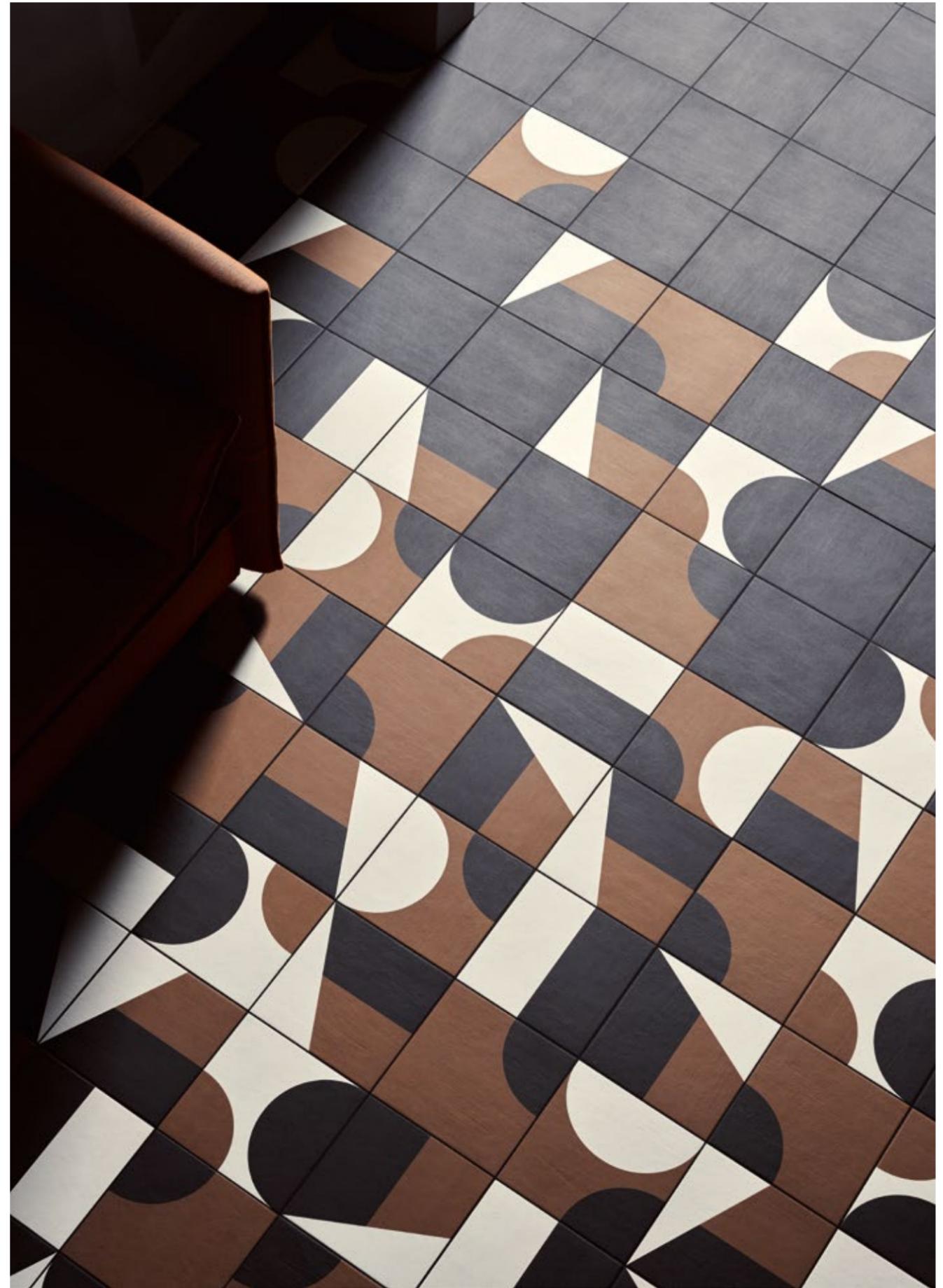
Le combinazioni di colore danno vita a gradazioni eleganti che si sviluppano lungo le superfici, intensificandosi in alcuni punti e rarefacendosi in altri, comunicando con gli elementi architettonici e spaziali. In questo modo, Puzzle permette di progettare superfici dal carattere geometrico e figurativo sempre uniche, che ricordano mappe, isole, composizioni astratte e suggestive.

Puzzle represents the freedom of giving birth to endless random combinations by pairing up graphic patterns with a modern and contemporary aesthetic, thus maximising the possibility of customisation of the interiors. It's an unprecedented collection that allows to lay the elements (available in the size 25x25 cm) both horizontally and vertically, on floors and walls, following regular and abstract patterns.

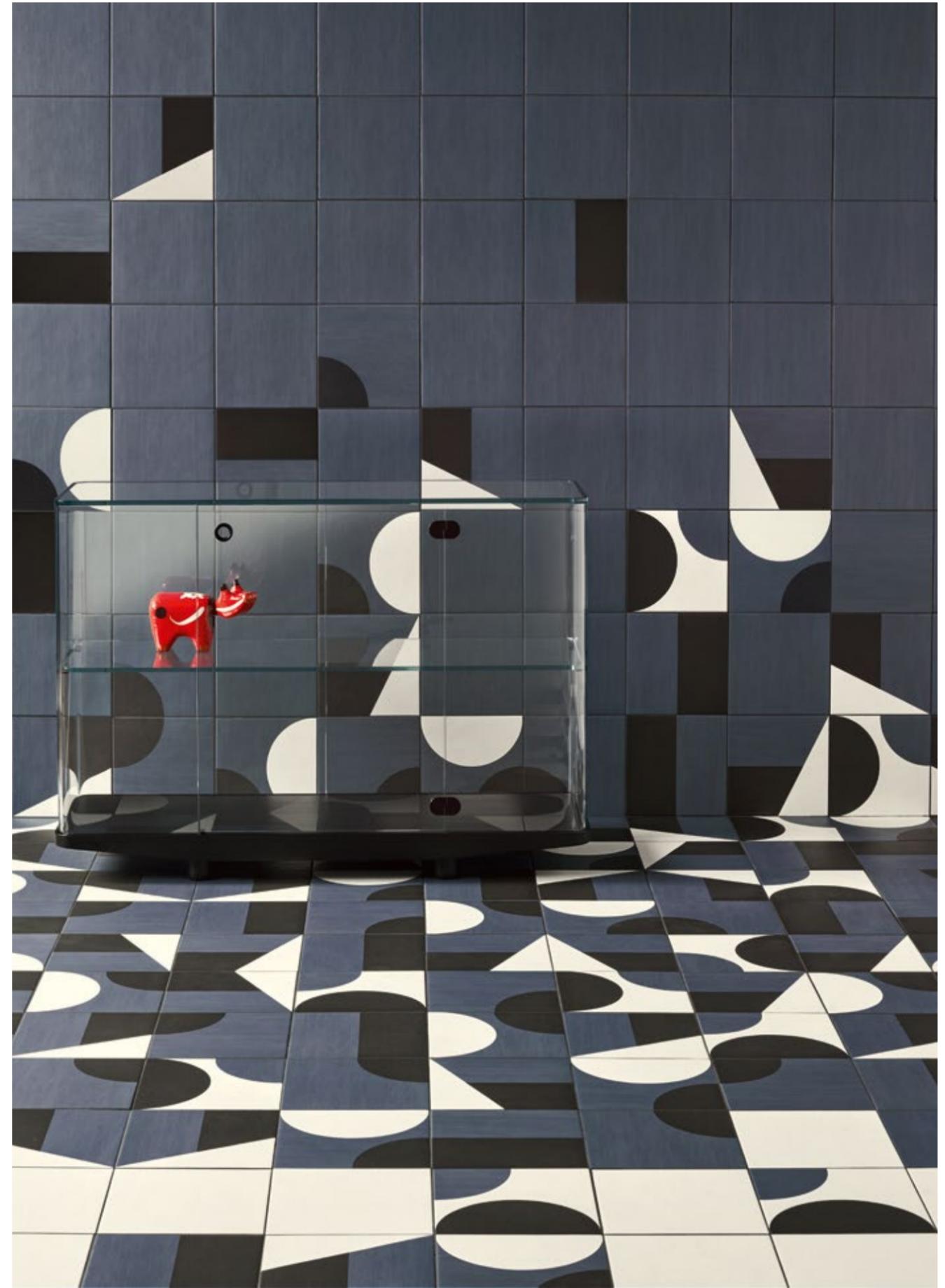
The colour combinations create refined effects, more or less intense, all along the surfaces, that communicates with the architecture and space elements. In this way, Puzzle allows to design always unique geometric and figurative surfaces, which recalls maps, isles, abstract and evocative compositions.













# Ronan & Erwan Bouroullec

Piano, Pico, Rombini

# CERAMICS IS LIKE GLASS, A VERY INTENSE MATTER THAT BELONGS TO THE EARTH.



Ronan & Erwan Bouroullec, designer originari della Bretagna, sono entrati a far parte del team Mutina nel 2011. Hanno firmato le collezioni Pico, Rombini e Piano.

La collaborazione tra Ronan e Erwan Bouroullec si sviluppa come un dialogo permanente alimentato dalle loro personalità molto diverse. Lavorano con numerose aziende, tra cui Vitra, Kvadrat, Magis, Kartell, Established & Sons, Ligne Roset, Axor, Hay, Nanimarquina, Issey Miyake e Cappellini, e intraprendono spesso occasionali progetti d'architettura. Allo stesso tempo, portano avanti un'attività di sperimentazione presso la Galerie Kreo di Parigi. Molti i premi al loro attivo: designer dell'anno al Salone del Mobile di Parigi del 2002, il Finn-Juhl Prize a Copenhagen nel 2008, ben due "Best of the Best" Red Dot Design Award e la Panerai London design Medal nel 2014. Numerose mostre sono state dedicate al loro lavoro e le loro creazioni sono parte delle collezioni permanenti di diversi musei internazionali.

Ronan and Erwan Bouroullec, designers hailing from Brittany, joined the Mutina team in 2011. They designed the Pico, Rombini and Piano collections.

The collaboration between Ronan and Erwan Bouroullec develops as a permanent dialogue nourished by their distinct personalities. They design for many manufacturers, including Vitra, Kvadrat, Magis, Kartell, Established & Sons, Ligne Roset, Axor, Hay, Nanimarquina, Issey Miyake and Cappellini, and often embark on occasional architectural projects. They simultaneously continue their experimental activity at Galerie Kreo in Paris. Their work has been recognised with many awards, including designers of the year at the Paris Salon du Meuble in 2002, the Finn-Juhl Prize in Copenhagen in 2008, two "Best of the Best" Red Dot Design Award and the Panerai London Design Medal in 2014. Several exhibitions have showcased their works and their creations are part of the permanent collections of several international museums.



# Piano

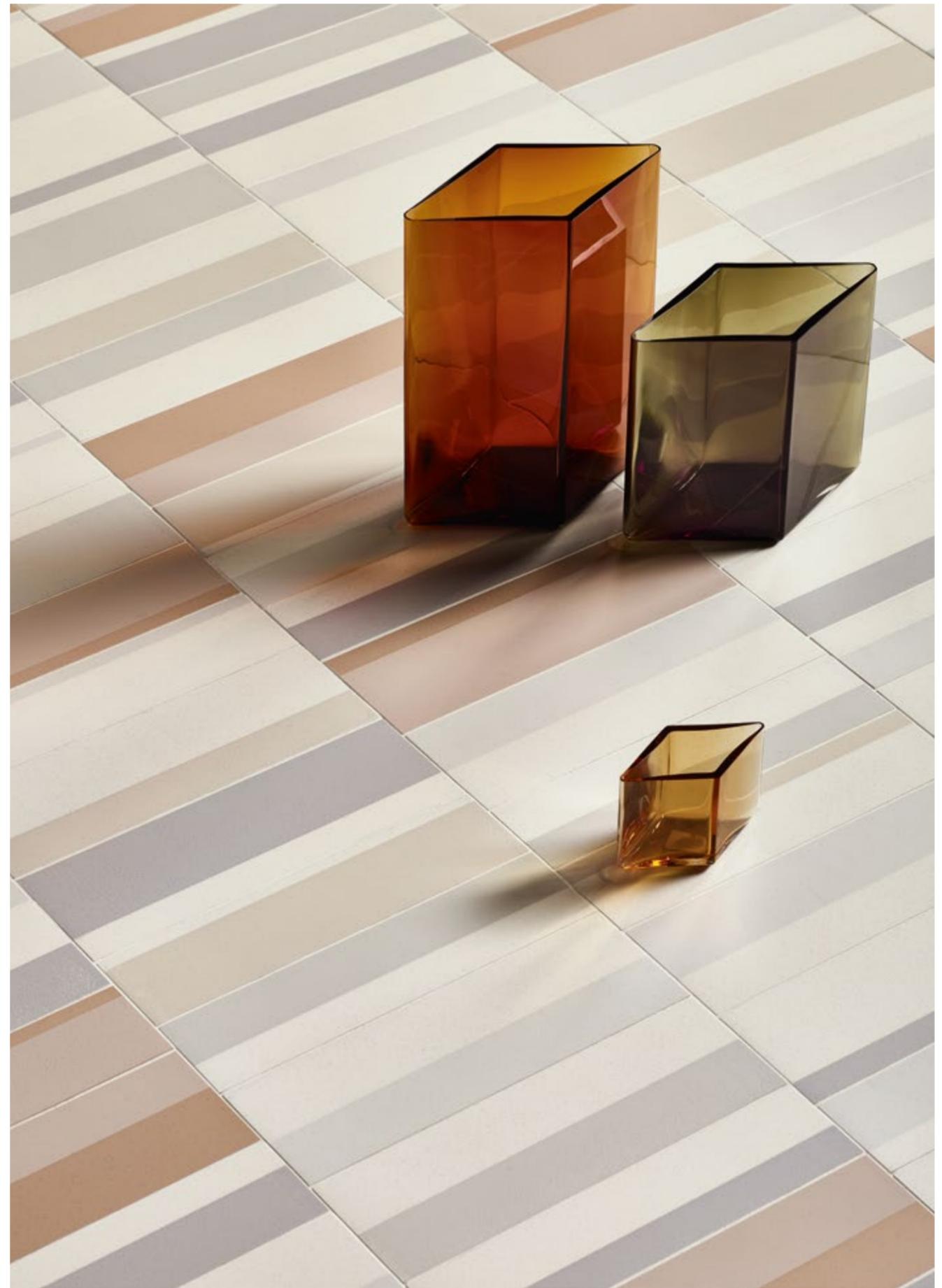
by Ronan & Erwan Bouroullec

Piano nasce dalla volontà di mettere in discussione le classiche geometrie di installazione dei rivestimenti ceramici: le piastrelle si combinano tra di loro liberamente, sfruttando la formula aleatoria che le caratterizza per creare ambienti misteriosi e dare l'illusione di un tutt'uno che si sviluppa nello spazio. Il prodotto è realizzato in grès porcellanato parzialmente smaltato ed è adatto alla posa su pavimenti e rivestimenti, sia interni che esterni. La collezione consente una serie infinita di combinazioni casuali che conferiscono alla superficie un effetto vibrante, grazie all'alternanza continua di due formati rettangolari – rispettivamente di 7,5x30 cm e 10x30 cm – e cinque tonalità di base che compongono la palette: bianco, grigio, blu, verde e rosa. Il ritmo sistematico delle composizioni lascia sempre spazio alla novità.

Piano arises from the desire to question the classic installation geometries of ceramic wall tiles: the elements combine freely, taking advantage of the random formula that characterizes them to create mysterious spaces and give the illusion of a whole that develops in space. The product is made of partially enameled porcelain stoneware and is suitable for installation on floors and walls, both indoors and outdoors.

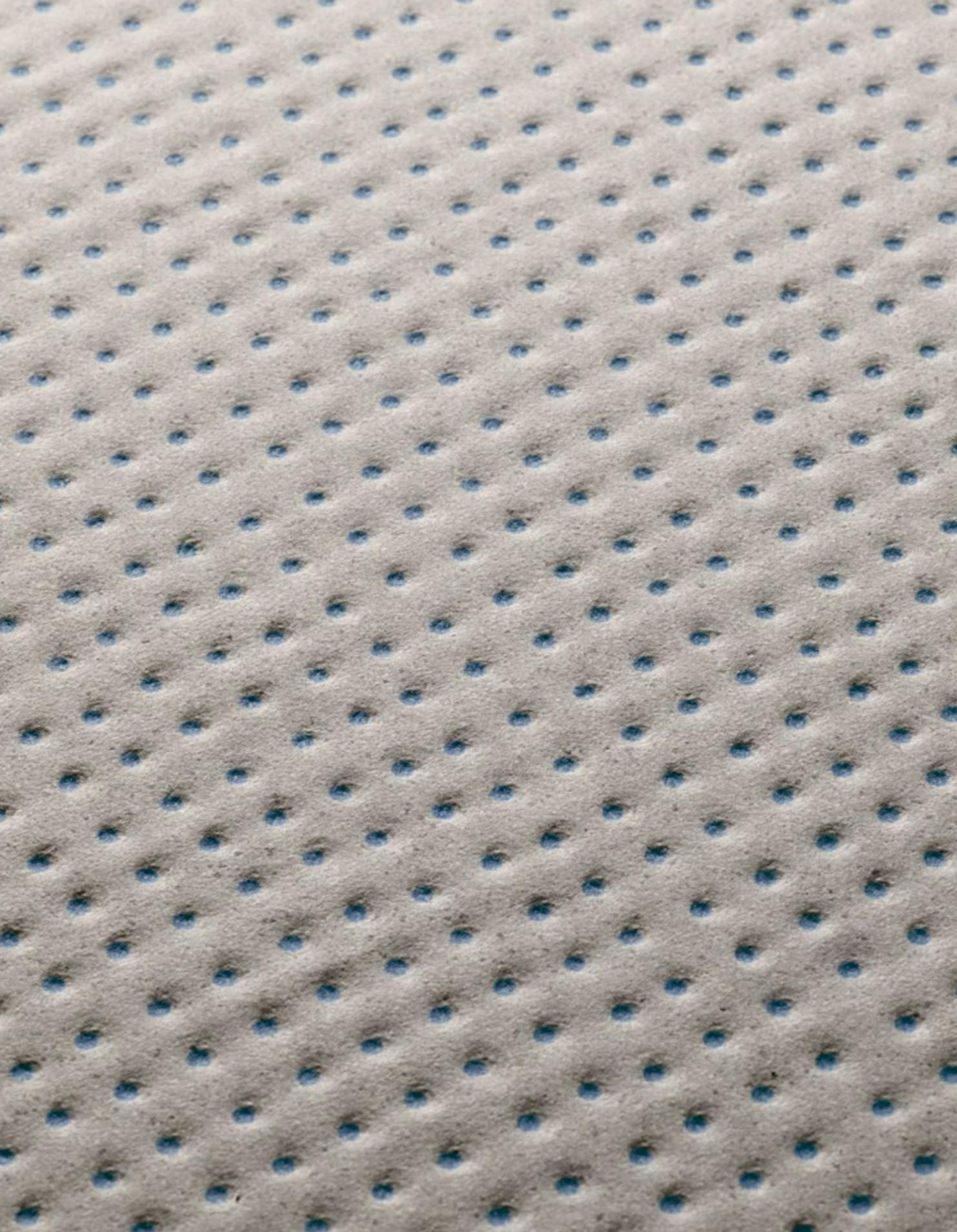
The collection allows an infinite series of random combinations that give the surface a vibrant effect, thanks to the continuous alternation of two rectangular sizes – 7,5x30 cm and 10x30 cm respectively – and five basic shades that make up the palette: white, grey, blue, green and pink. The systematic rhythm of the compositions always leaves room for novelty.











# Pico

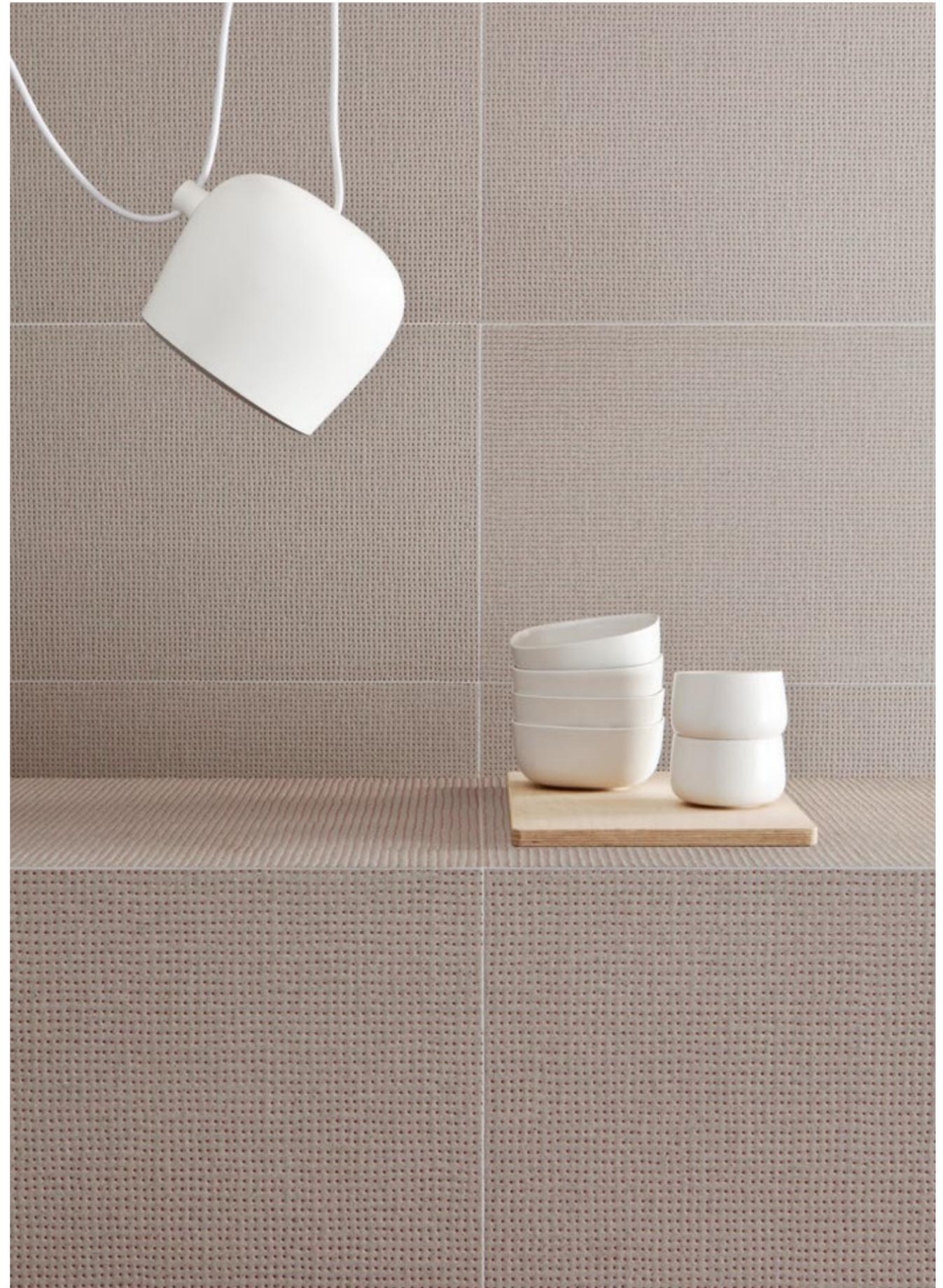
by Ronan & Erwan Bouroullec

Nell'ideazione di Pico, lo sforzo è stato interamente volto alla definizione di un prodotto che unisse regolarità e irregolarità, giungendo così alla declinazione in due superfici: Down, con punti scavati, e Up, con punti a rilievo. Per rendere l'effetto ancora più vibrante, è stato deciso di utilizzare colori come il rosso e il blu sotto forma di puntini su un fondo neutro, o come colori di base. In questo modo, grazie ai giochi cromatici e alla speciale miscela utilizzata, che conferisce al prodotto un sorprendente effetto di matericità, vanno a crearsi ombre delicate che mettono in risalto i rilievi e donano alle piastrelle una tonalità più fredda o più calda a seconda delle nuance prescelte. Prodotta nei formati 120x120 cm, 60x120 cm e 60x60 cm, Pico presenta preziose finiture naturali ed è adatta all'utilizzo sia in ambienti interni che esterni.

While developing Pico collection, we have worked on defining a regular-irregular texture, declined in two surfaces: Down, with sunken dots, and Up, with elevated dots. To add dynamics, we also decided to use colours such as red and blue, applied as little dots in the hollow or as a base.

In this way, thanks to chromatic plays and the special mixture which give the product an incredible effect of tactility, delicate shadows take shape and activate the relief, turning the tiles a nuance colder or warmer depending on the chosen colour. Available in 120x120 cm, 60x120 cm e 60x60 cm formats, Pico is characterised by natural and refined finishing, and can be used both indoors and outdoors.









# Rombini

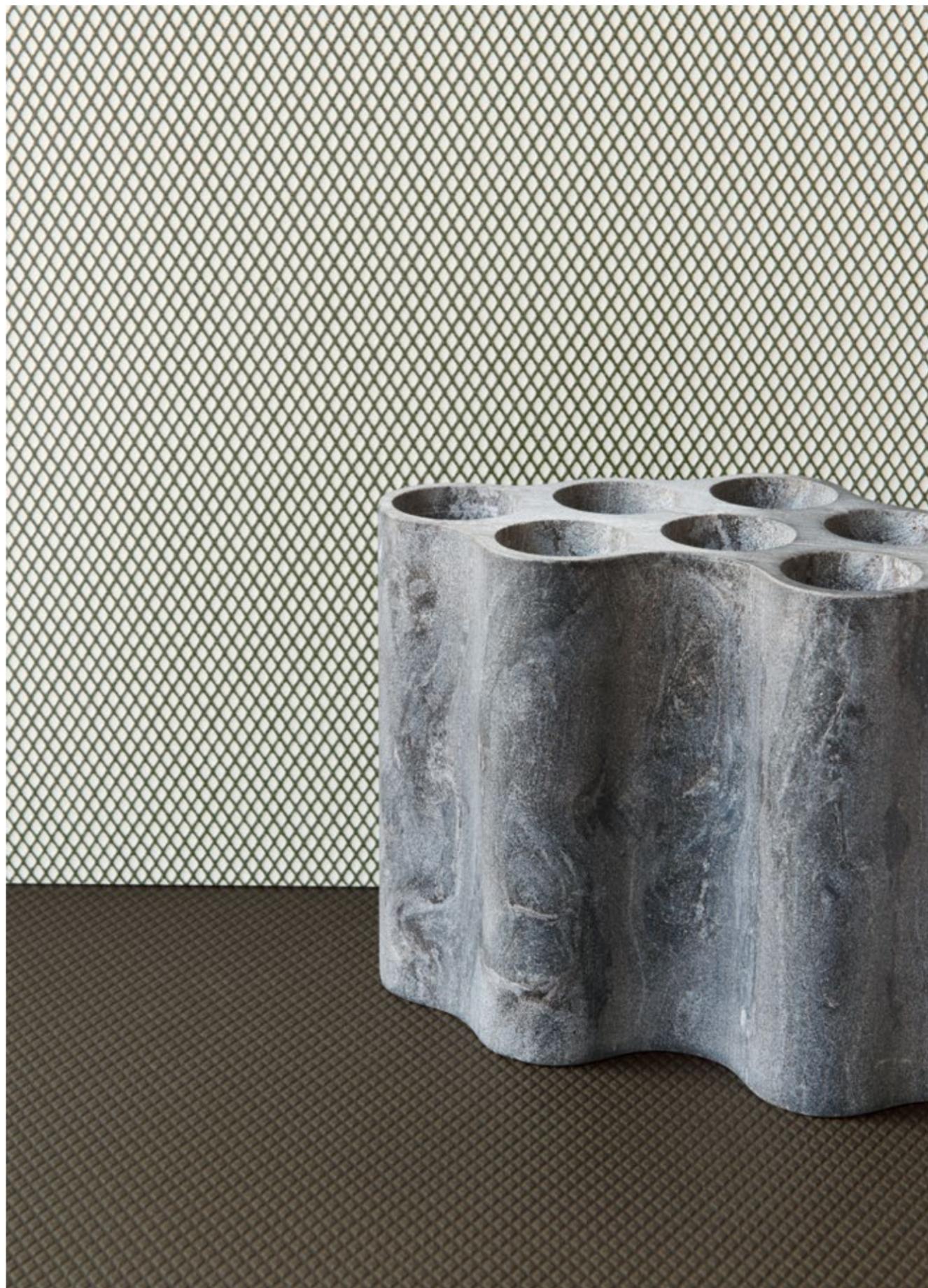
by Ronan & Erwan Bouroullec

Rombini è un percorso fatto di vibrazione ceramica, raccontata attraverso tre diversi moduli dalla grande forza cromatica: piastrella, mosaico ed elemento a rilievo. La collezione si è evoluta attraverso uno studio specifico durato più di due anni, che ha permesso di esplorare il mondo del colore e delle superfici in modo inedito. Mentre i carré di 40x40 cm vengono realizzati tramite un tampone a rilievo, in losanghe i rombini diventano tessere montate singolarmente su fogli di 27,5x27,5 cm. La gamma cromatica, intensa e profonda, richiama i colori simbolo dell'estetica Bouroullec – grigio, blu, verde, rosso e bianco. Un passe-partout per creare infinite combinazioni: le varie declinazioni della collezione possono essere combinate a pavimento e rivestimento, donando agli ambienti un'estetica dal gusto architettonico.

Rombini is a journey made of ceramic vibration, told through three different elements with a great chromatic strength: a tile, a mosaic and a three-dimensional element. The collection developed through a specific research of more than two years, which allowed to explore the world of colour and surfaces in an unprecedented way. While Carré is realised in size 40x40 with a buffer, in Lonsage the shape of the rhombus turns into a chip of a mosaic, each of which is installed on 27,5x27,5 cm sheets. The colour palette is deep and intense, it recalls shades typical of Bouroullec's aesthetic – grey, blue, green, red and white. A passe-partout to create endless combinations: the various elements can be combined on floors and walls, giving the interiors an architectural aesthetic.









# Nathalie Du Pasquier

# MUTINA HAS THE SIZE THAT I LIKE.

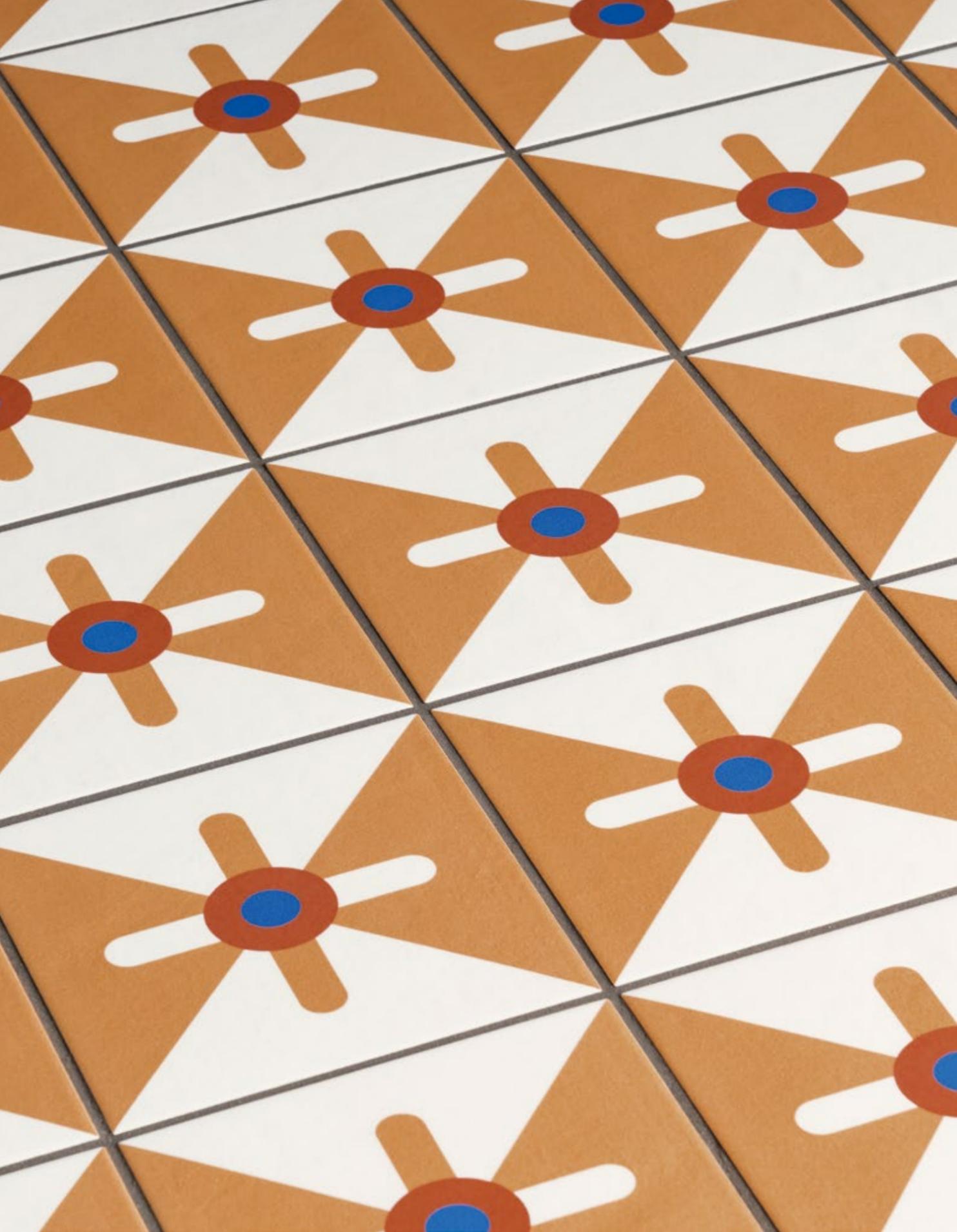


Artista e designer di origini francesi, Nathalie Du Pasquier si è unita al team Mutina nel 2019 con la realizzazione di BRIC, l'installazione site-specific esposta in occasione di MUT 4. Ha progettato la serie di elementi 3D Brac e la collezione Mattonelle Margherita.

Nathalie Du Pasquier è nata a Bordeaux nel 1957 e vive a Milano dal 1979. Negli anni ottanta ha lavorato come designer, progettando soprattutto tessuti e superfici, ed è stata tra i fondatori del gruppo Memphis. Dal 1987, si dedica prevalentemente alla pittura, un ambito in cui la sua pratica ha preso direzioni inaspettate ed è stata oggetto di una costante evoluzione. Il suo lavoro è stato esposto in mostre personali presso: Kunsthalle Wien, International Center of Graphic Arts di Ljubljana, Galerie Fuer Zeitgenoessische Kunst di Lipsia, Apalazzo Gallery di Brescia, Pace Gallery di Seoul e Anton Kern Gallery di New York.

French artist and designer Nathalie Du Pasquier joined the Mutina team in 2019 with the realisation of BRIC, site-specific installation exhibited on the occasion of MUT 4. She designed Brac, a series of three-dimensional elements, and Mattonelle Margherita collection.

Nathalie Du Pasquier was born in Bordeaux in 1957 and has lived in Milano since 1979. During the eighties, she has worked as a designer, creating textiles and mostly surfaces, and was a founding member of Memphis. In 1987 painting became her main activity and ever since her practice is constantly developing in new and unexpected directions. Her work has been featured in solo exhibitions at Kunsthalle Wien, International Center of Graphic Arts in Ljubljana, Galerie Fuer Zeitgenoessische Kunst in Leipzig, Apalazzo Gallery in Brescia, Pace Gallery in Seoul and at Anton Kern Gallery in New York.



# Mattonelle Margherita

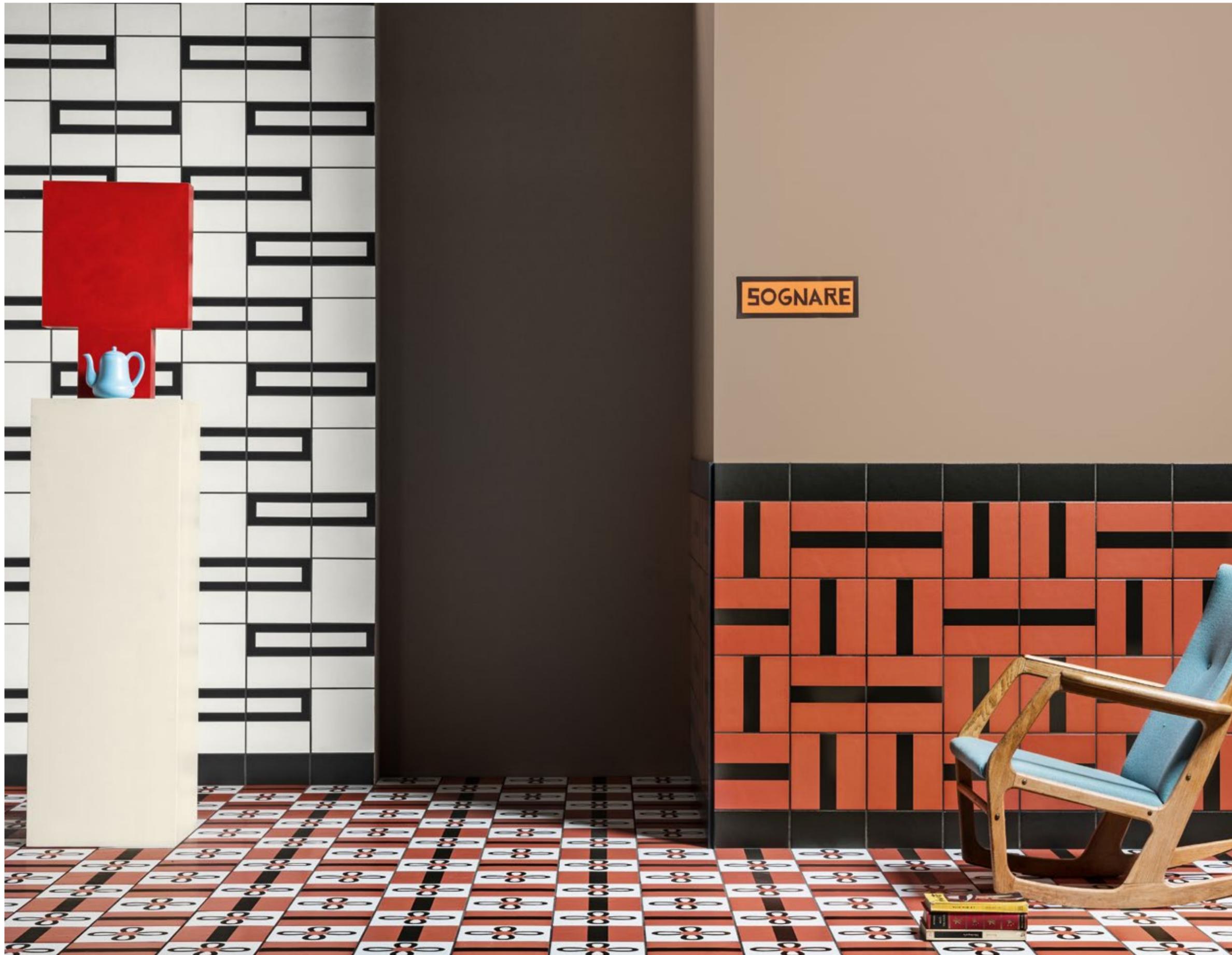
by Nathalie Du Pasquier

Con Mattonelle Margherita, Mutina lavora sul colore insieme all'artista Nathalie Du Pasquier, dando vita a un progetto articolato dove si intrecciano diversi linguaggi estetici e formali. La collezione è caratterizzata da un'anima duplice: da un lato semplice e minimalista, dall'altro creativa e coraggiosa.

Il mondo di Mattonelle Margherita è composto da 41 diversi pattern disegnati a mano: 27 grafiche e 6 elementi in tinta unita nel formato 20,5x20,5 cm, 6 pattern e 2 elementi in tinta unita nel formato 10,1x20,5 cm. Le grafiche possono essere combinate tra loro, permettendo la creazione di infiniti layout, sempre diversi, innovativi e mai scontati, adatti a ricoprire intere superfici sia a pavimento che a rivestimento, o a creare interessanti accenti decorativi all'interno di qualsiasi abitazione, come boiserie, zoccoli e portali.

With Mattonelle Margherita, Mutina has worked with colour, along with the artist Nathalie Du Pasquier, creating a complex project featuring a blend of different aesthetic and formal means of expression. The collection is characterised by a dual concept: on the one hand, a simple, minimalist style and, on the other, a courageous, creative approach.

The Mattonelle Margherita universe is composed of 41 different patterns, designed by hand: 27 graphics and 6 plain elements in the 20.5x20.5 cm size, 6 patterns and 2 plain elements in the 10.1x20.5 cm size. The graphics can be combined with each other, allowing for the creation of endless different layouts, always novel and innovative, suitable for tiling entire surfaces on both floors and walls, or for creative interesting decorative details in any home, such as wood panelling effects, skirting and door frames.

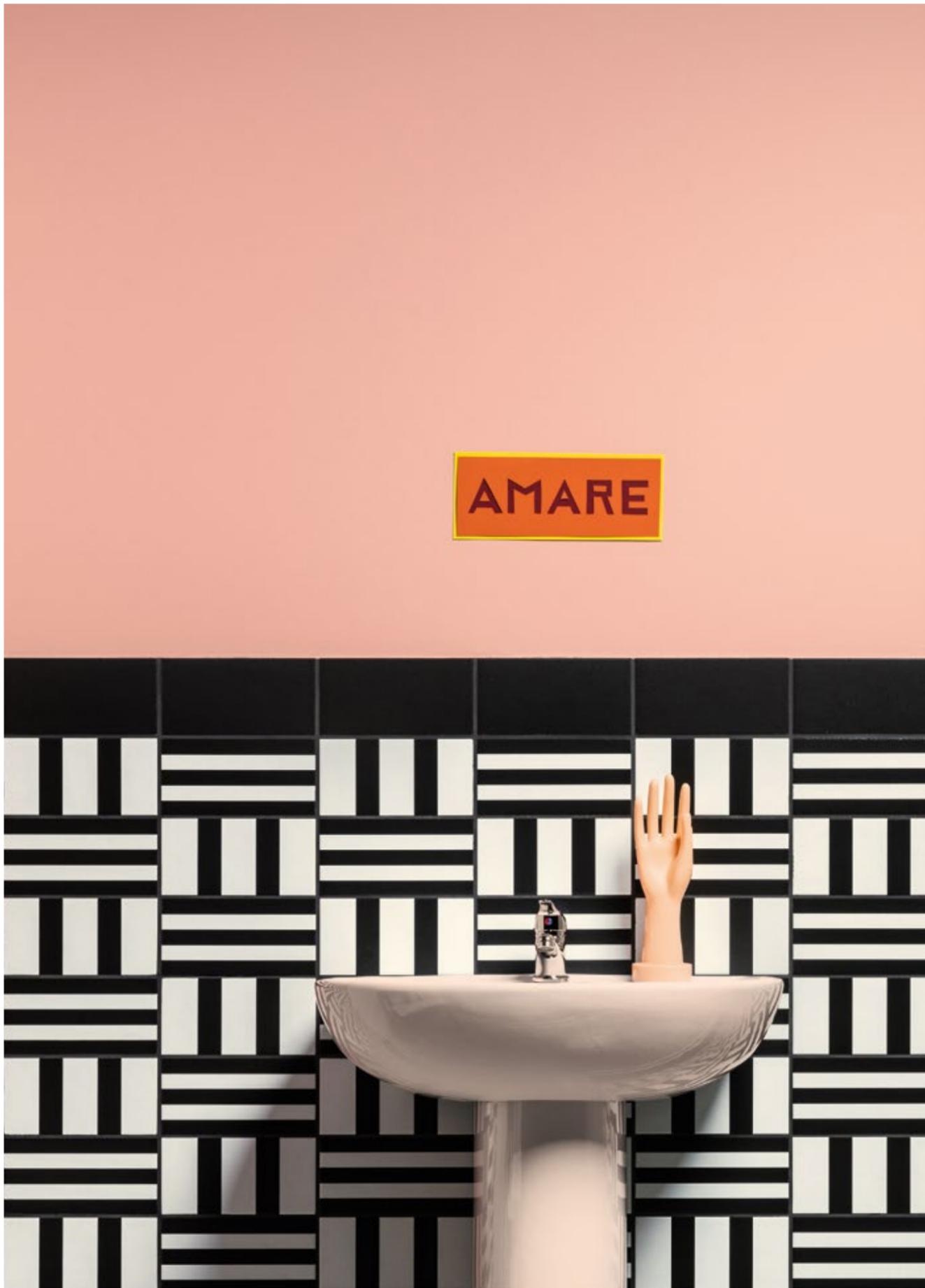




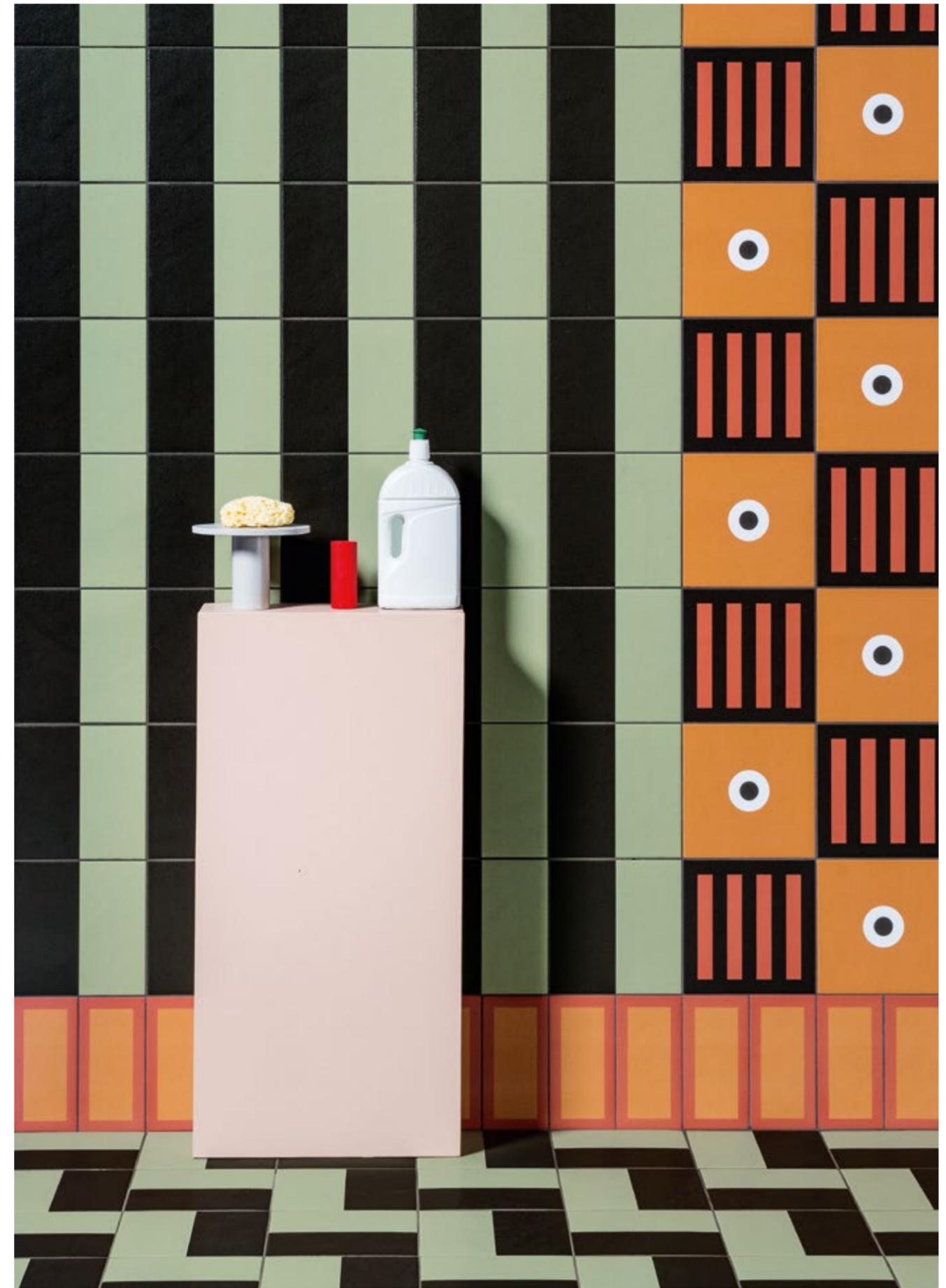
Wall: Mattonelle Margherita Star, Stripes, Marghe Black.  
Floor: Mattonelle Margherita Double Red, Stripes.



Mattonelle Margherita Marghe Black, Marghe Light Blue.  
Margherita Paint: Giallo Matt.



Mattonelle Margherita Marghe Half Black, Parallel Black, Wires.  
Margherita Paint: Rosa Matt.



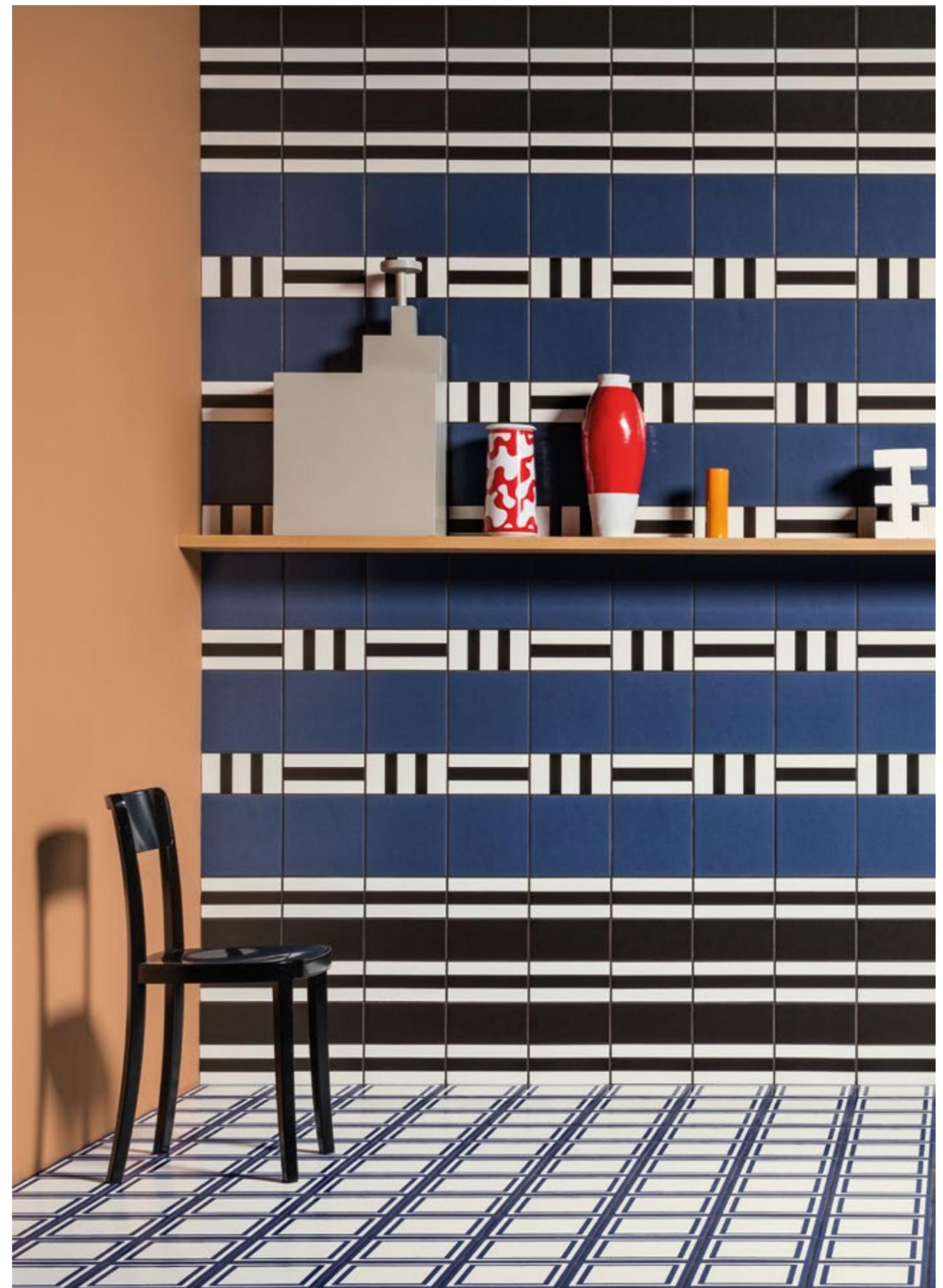
Wall: Mattonelle Margherita Black Green, Stripes, Point, Frame Terracotta.  
Floor: Mattonelle Margherita Black Green.



Wall: Mattonelle Margherita Marghe Half Black, Street, Flower Black, Rhombus Black.  
Floor: Mattonelle Margherita Square Black. Margherita Paint: Azzurro Matt.

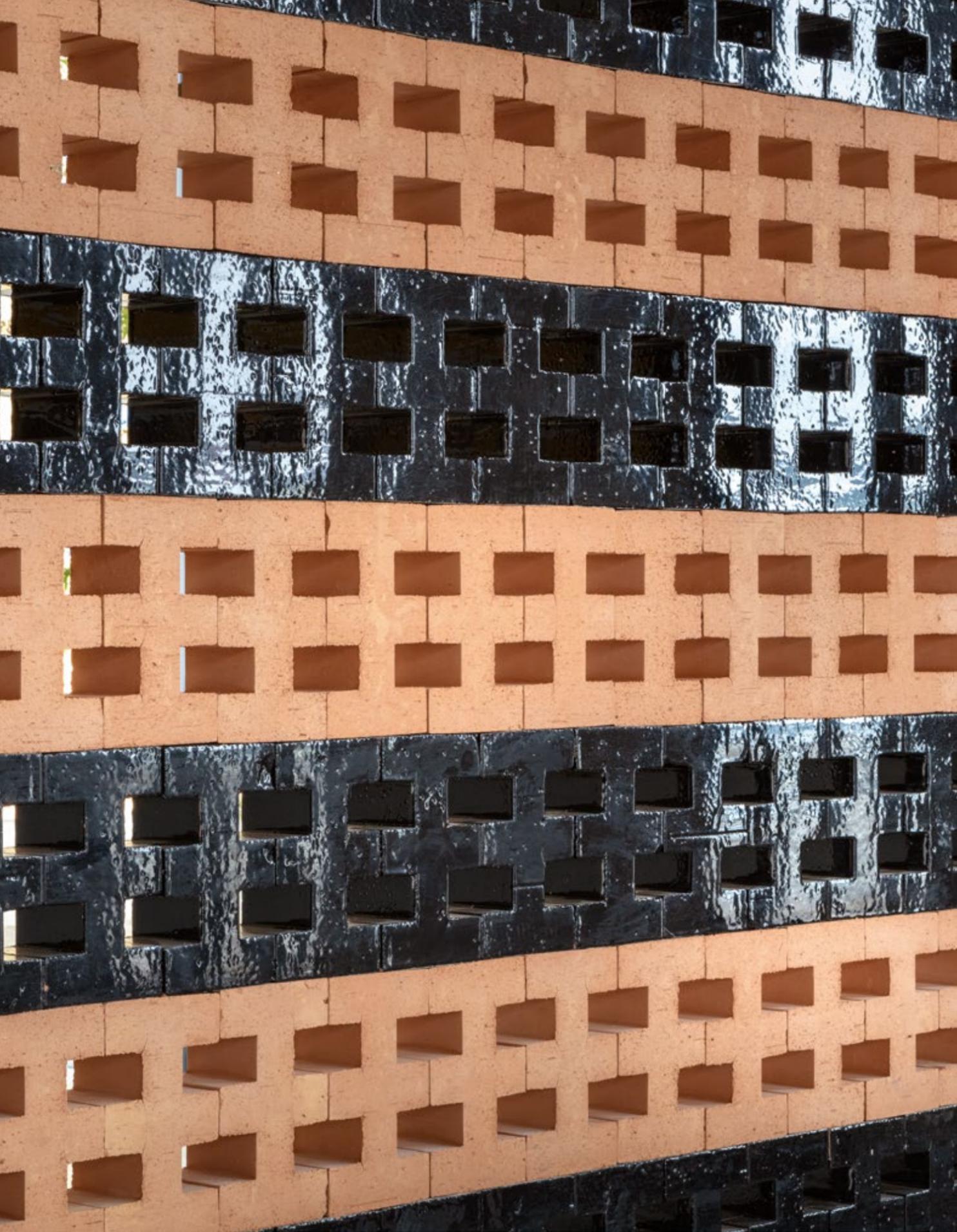


Wall: Mattonelle Margherita Marghe White. Floor: Mattonelle Margherita Rhombus White, Double Blue. Accents Paint: Terra Matt.



Wall: Mattonelle Margherita Marghe Half Black, Street, Marghe Blue, Parallel Black. Floor: Mattonelle Margherita Square Blue. Accents Paint: Clay Matt.





# Brac

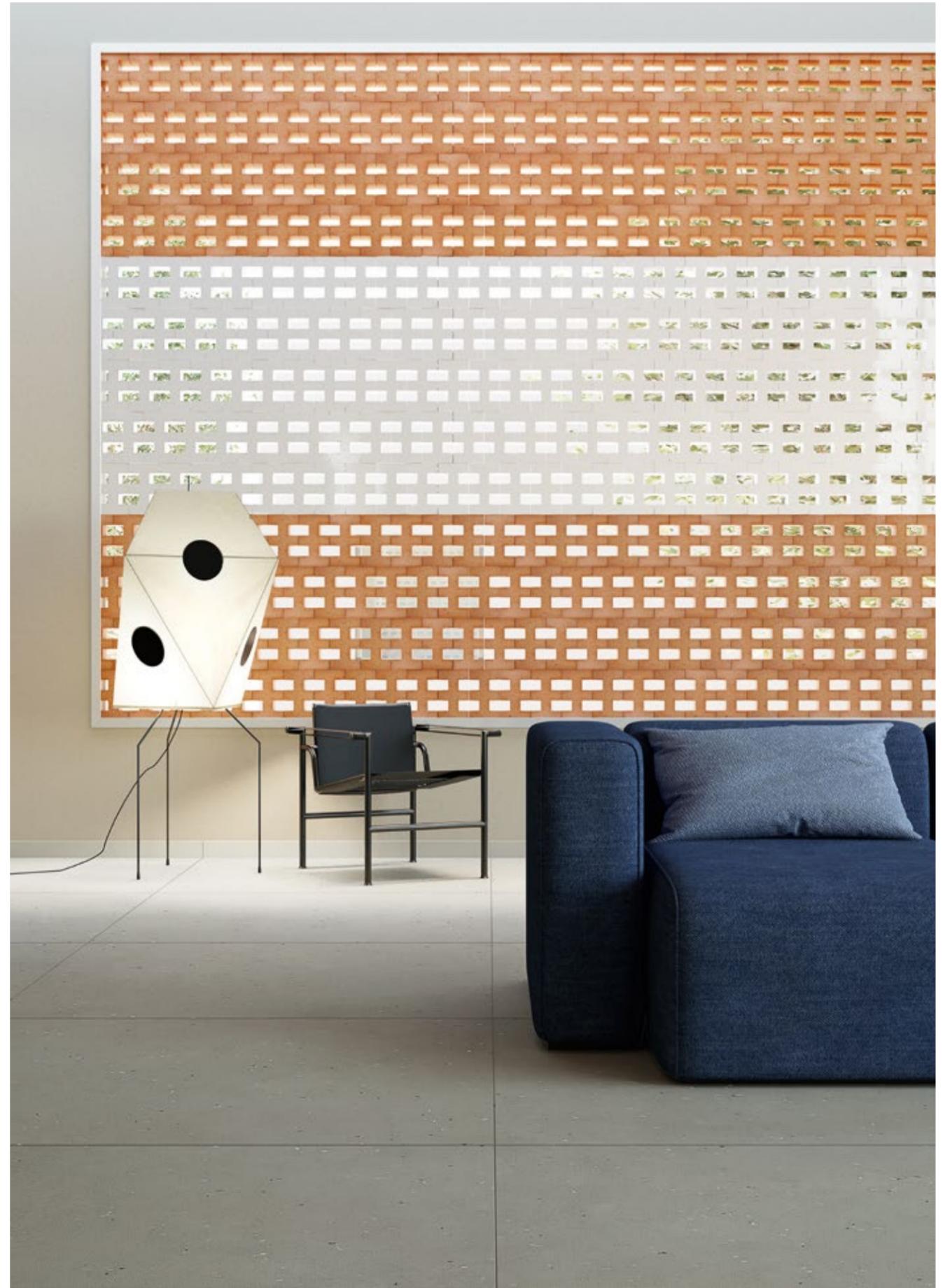
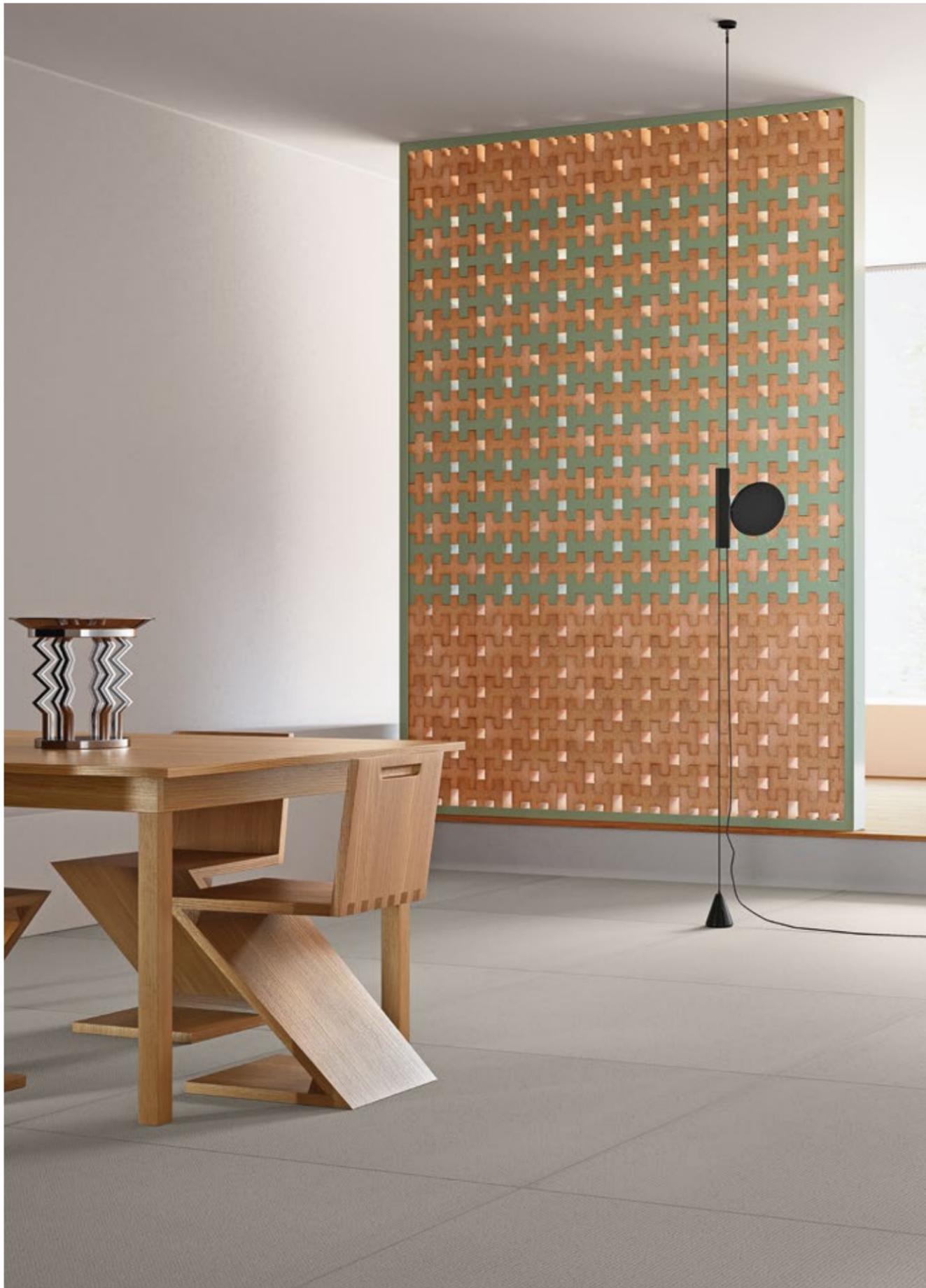
by Nathalie Du Pasquier

Brac consiste in un elemento tridimensionale di dimensioni 13x22x10 cm, da immaginare come versatile componente per la creazione di strutture e pareti di ogni tipo, su cui prendono vita inaspettati giochi di luce e ombra. Realizzati in terracotta trafilata, i mattoni della collezione sono veri e propri elementi di design che possono essere installati sia verticalmente che orizzontalmente, all'interno di ambienti domestici o pubblici.

Brac presenta cinque varianti colore: Argilla, con superficie naturale matt, Bianco, Salvia, Marrone e Nero, dalla finitura smaltata lucida. Come in tutte le opere di Nathalie Du Pasquier, anche da questa collezione emerge un senso di giocosa spiritualità, risultato della sua imprevedibile capacità di connettere emozionalmente luce, colore e suono all'interno dello spazio.

Brac consists of a three-dimensional element in the size of 13x22x10 cm, imagined as versatile component for the creation of all sorts of structures and walls, where unexpected interplays of light and shadow come alive. Realised in extruded terracotta, the bricks that characterise the collection are real design elements that can be installed both vertically and horizontally, in residential and public interiors.

Brac has a range of five colours: Argilla, with a natural matt surface, Bianco, Salvia, Marrone and Nero, with a bright glazed finish. As in all Nathalie Du Pasquier's artworks, also from this collection a sense of playful spirituality emerges, outcome of her unpredictable ability to emotionally connect light, colour and sound.





# Konstantin Grcic

# A JOURNEY INTO SPACE WHERE NO MAN HAS GONE BEFORE.



Artista e designer di origini tedesche, Konstantin Grcic è entrato a far parte del team Mutina nel 2015, con la collezione Numi.

Dopo gli studi Design al Royal College of Art di Londra, Konstantin Grcic ha aperto il proprio studio di design a Monaco di Baviera nel 1991, dove ha sviluppato mobili, prodotti e illuminazione per alcune delle più importanti aziende di design al mondo (Authentic, BD Ediciones, ClassiCon, Flos, Flötotto, Magis, Maharam, Muji, Nespresso, Plank, Serafino Zani e Vitra). Molti dei suoi prodotti hanno ricevuto premi internazionali, come il prestigioso Compasso d'Oro per la sua lampada Mayday (Flos) nel 2001 e la sedia Myto (Plank) nel 2011, oltre a far parte delle collezioni permanenti dei più importanti musei di design (MoMA – New York, Centre Georges Pompidou – Parigi). La Royal Society for the Arts ha nominato Konstantin Grcic Royal Designer for Industry nel 2009, mentre Design Miami gli ha conferito il premio Designer of the Year per il 2010. Una monografia completa del suo lavoro è stata pubblicata da Phaidon Press, Londra (2005).

German artist and designer, Konstantin Grcic joined the Mutina team in 2015, with the Numi collection.

After studying designed at the Royal College of Art in London, Konstantin Grcic opened his own studio in Munich in 1991, where he developed furniture, products and lighting for some of the world's leading design companies (Authentic, BD Ediciones, ClassiCon, Flos, Flötotto, Magis, Maharam, Muji, Nespresso, Plank, Serafino Zani and Vitra). Many of his products received international design awards, such as the prestigious Compasso d'Oro for his Mayday lamp (Flos) in 2001 and the Myto chair (Plank) in 2011, furthermore they are part of the permanent collections of the most important design museums (MoMA – New York, Centre Georges Pompidou – Paris). The Royal Society for the Arts appointed Konstantin Grcic Royal Designer for Industry in 2009, while Design Miami awarded him Designer of the Year in 2010. A comprehensive monograph of his work was published by Phaidon Press, London (2005).



# Numi

by Konstantin Grcic

Numi costituisce un book di ricerca e di ispirazioni cui attingere per la creazione di ambienti dal gusto moderno ed elegante, da cui emerge un forte richiamo all'arte contemporanea, attraverso la definizione di segni manuali che diventano piccole unità geometriche dall'estetica semplice, dal tratto netto e preciso. I pattern smaltati, trasparenti e lucidi vengono realizzati su tessere dalla superficie matt e dalle nuance sature, polverose, creando delicati contrasti tra materie.

La collezione è realizzata in grès porcellanato ed è disponibile in due formati base rettificati – rispettivamente 30x30 cm e 60x60 cm – e un formato più piccolo di 5x5 cm su rete 31,6x31,6 cm: i Numini, fondati sullo stesso principio, ma che grazie al pattern ricreato tramite rilievo rappresentano l'animo scultoreo della collezione.

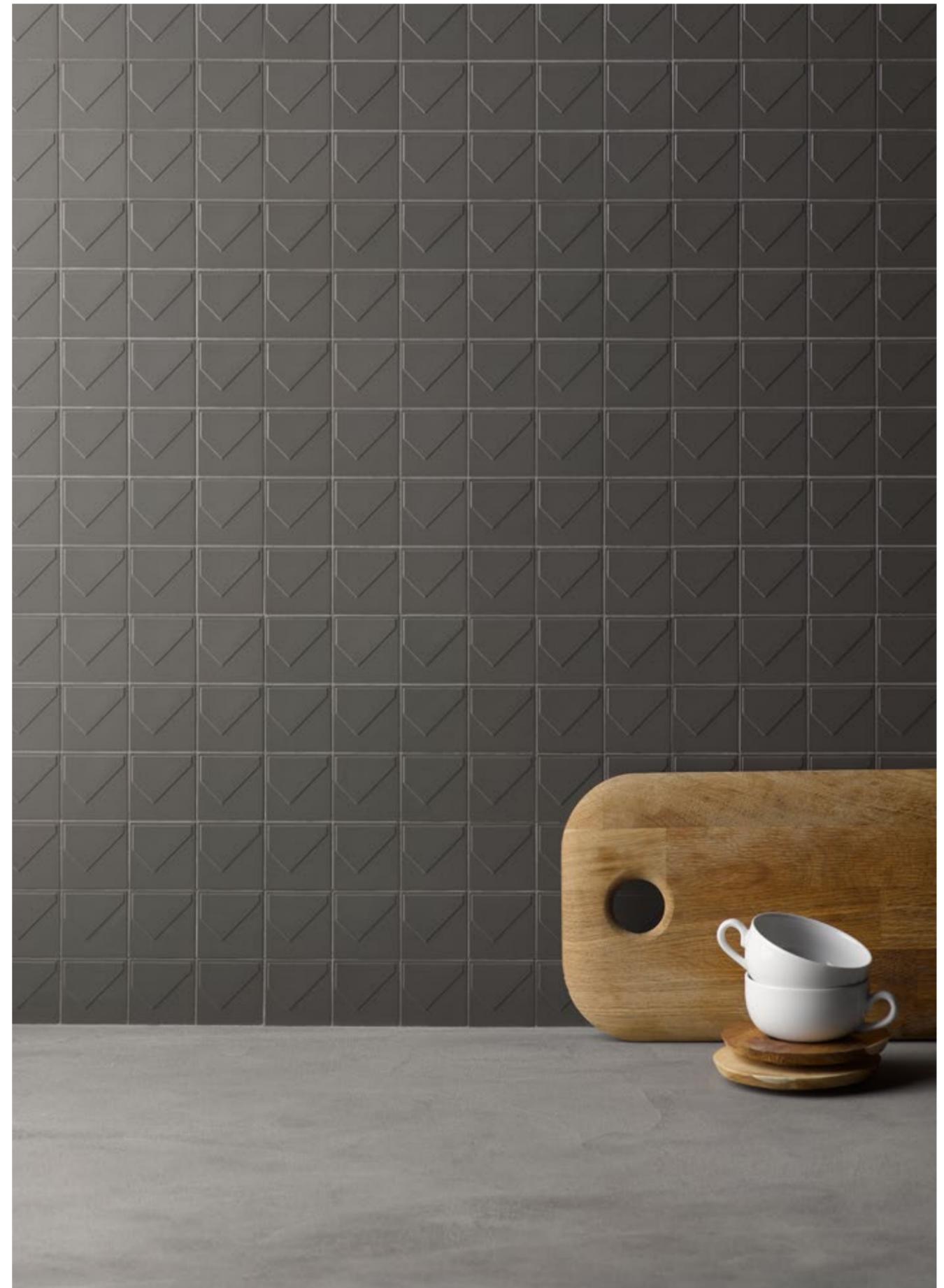
Numi is a book of research and inspiration to draw from for the creation of spaces with a modern and elegant taste, from which emerges a strong recall to contemporary art, through the definition of manual signs that become small geometric units with simple aesthetics, with a clear and precise line. The enameled, transparent and glossy patterns are made on tiles with a matte surface and saturated, dusty nuances, creating delicate contrasts between materials.

The collection is made of porcelain stoneware and is available in two basic rectified sizes – 30x30 cm and 60x60 cm respectively – and a smaller size of 5x5 cm on a 31,6x31,6 cm mesh, the Numini that, based on the same principle, and thanks to the pattern recreated through relief, represent the sculptural soul of the collection.









# Hella Jongerius

Diarama

# I'VE USED THE TILES AS CANVAS.



Hella Jongerius, designer e ricercatrice instancabile, si è unita al team Mutina nel 2018. Ha progettato la collezione Diarama.

Nata in Olanda ma con base a Berlino, Hella Jongerius è conosciuta per la sua ricerca su colori e materiali in continua evoluzione, dove tradizione e contemporaneità si fondono con l'obiettivo di creare prodotti dalla forte individualità, coinvolgendo elementi artigianali all'interno del processo industriale. Nel 1993 ha fondato Jongeriuslab, dove porta avanti progetti indipendenti e collaborazioni con importanti aziende del settore. La designer lavora anche come Art Director per Vitra, e come Design Director per Danskina, Kvadrat e l'atelier di tappeti Maharam ad Amsterdam. Nel 2017 ha ricevuto il Sikkens Prize, grazie al suo speciale contributo nel campo dei colori. Molte delle sue creazioni, inoltre, si trovano nelle collezioni permanenti di alcuni famosi musei, come il MoMA (New York), il Victoria and Albert Museum (Londra) e il Boijmans van Beuningen Museum (Rotterdam).

Designer and tireless researcher Hella Jongerius joined the Mutina team in 2018. She designed the Diarama collection.

Born in the Netherlands but based in Berlin, Hella Jongerius is well known for her never-ending colour and material research where she combines the traditional with the contemporary in order to create products with individual character by including craft elements in the industrial production process. She founded Jongeriuslab in 1993, where both independent projects and works for major clients are developed. The designer also acts as Art Director for Vitra and Design Director for Danskina, Kvadrat and Maharam's rug atelier. In 2017, Jongerius received the Sikkens Prize, thanks to her special contribution to the field of color. Furthermore, many of her products can be found in the permanent collections of important museums, such as MoMA (New York), the Victoria and Albert Museum (London) and Boijmans van Beuningen Museum (Rotterdam).



# Diarama

by Hella Jongerius

Diarama nasce dalla volontà di dare vita a una collezione caratterizzata da un ampio range di tonalità cromatiche che vengono alla luce in modo del tutto naturale e casuale, attraverso la stratificazione dei colori, così come avviene nei dipinti. È uno studio sul colore puro, applicato su diversi tipi di superfici ceramiche come fosse una seconda pelle. La collezione è composta da diverse reference cromatiche smaltate applicate a 7 basi di argilla colorata e matt. Ogni reference è ricavata dall'applicazione dello stesso smalto ai diversi colori delle basi che reagendo in maniera inedita, va a creare un ventaglio di sfumature sempre nuove, classificate sotto i due macro gruppi denominati Light e Dark. A questi si aggiungono Diarama Black e White dove lo smalto applicato alle 7 basi è rispettivamente nero, Iron, o bianco, Chalk. Usati insieme danno vita a Dusk, la combinazione black & white. Con Diarama Mix, il principio viene ribaltato. Sulla stessa base nera o grigia vengono applicati diversi colori di smalto creando Black Chroma e Grey Chroma. Il risultato finale è quindi sempre diverso a seconda della combinazione tra pasta e smalto. Al centro, una striscia di argilla colorata non smaltata fa da contrasto con il resto della superficie lucida.

Diarama comes from the desire of giving birth to a collection characterised by a wide range of chromatic shades, that come to light spontaneously and randomly by stratifying colours, as happens in paintings. It's a study about pure colour, applied on different ceramic basis like a second skin. The collection is composed by various glazed chromatic references, applied on 7 different matt coloured clay basis. Each reference comes from the application of the same glaze on the top of the several coloured basis, which react in an unpredictable way and create a fan of ever inherited nuances, distinguished in two macro-groups called Light and Dark. These are complemented by Diarama Black and White, where the glaze applied on the 7 basis is respectively black, Iron, or white, Chalk. Combined together, they create the black & white combination: Dusk. Diarama Mix overturns this principle. Different coloured glazes are applied on the same black or grey base, creating Black Chroma and Grey Chroma. Depending on the combination between body and glaze, the result will always be singular. In the middle of the tile, a matt stripe of coloured clay creates a contrast with the polished surface.









# Laboratorio Avallone

Chymia, The Cylinder Glass

# MATERIALS FOR ME ARE A MEANS TO AN END.



La collaborazione tra Laboratorio Avallone e il team Mutina è iniziata nel 2019, con lo sviluppo della collezione Chymia e The Cylinder Glass, il primo progetto in edizione limitata dell'azienda con un focus sul vetro di Murano.

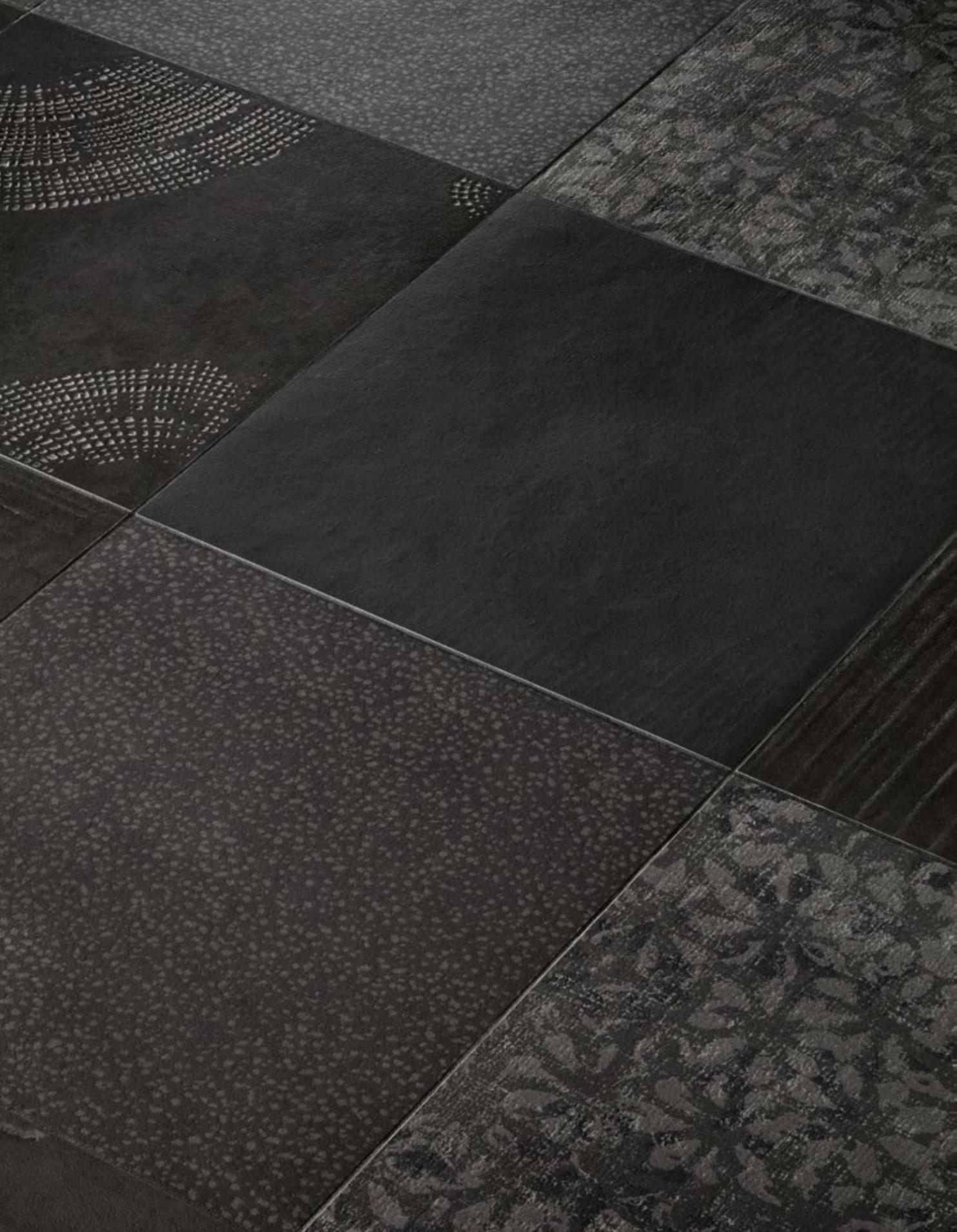
La ricerca di Laboratorio Avallone si sviluppa sul terreno multidisciplinare delle arti applicate, dove coniuga i linguaggi di pittura e scultura per dare vita a oggetti e complementi d'arredo unici e speciali. Epicentro creativo del team è Gennaro Avallone, maestro e sperimentatore, che da più di venticinque anni esplora i confini e le possibilità delle superfici, portando avanti uno studio rivolto all'eccellenza.

The collaboration between Laboratorio Avallone and Mutina team begun in 2019, developing Chymia collection and The Cylinder Glass, the first company's limited edition project that focuses on Murano glass.

The research carried out by Laboratorio Avallone reaches into the applied art, drawing on the arts of painting and sculpture to create unique and very special objects of contemporary furnishing. The epicenter of the design team is Gennaro Avallone, a master and experimenter, who for over twenty-five years has been continually exploring the limits and possibilities of surfaces with meticulous research that strives to create excellence.

# Chymia

by Laboratorio Avallone

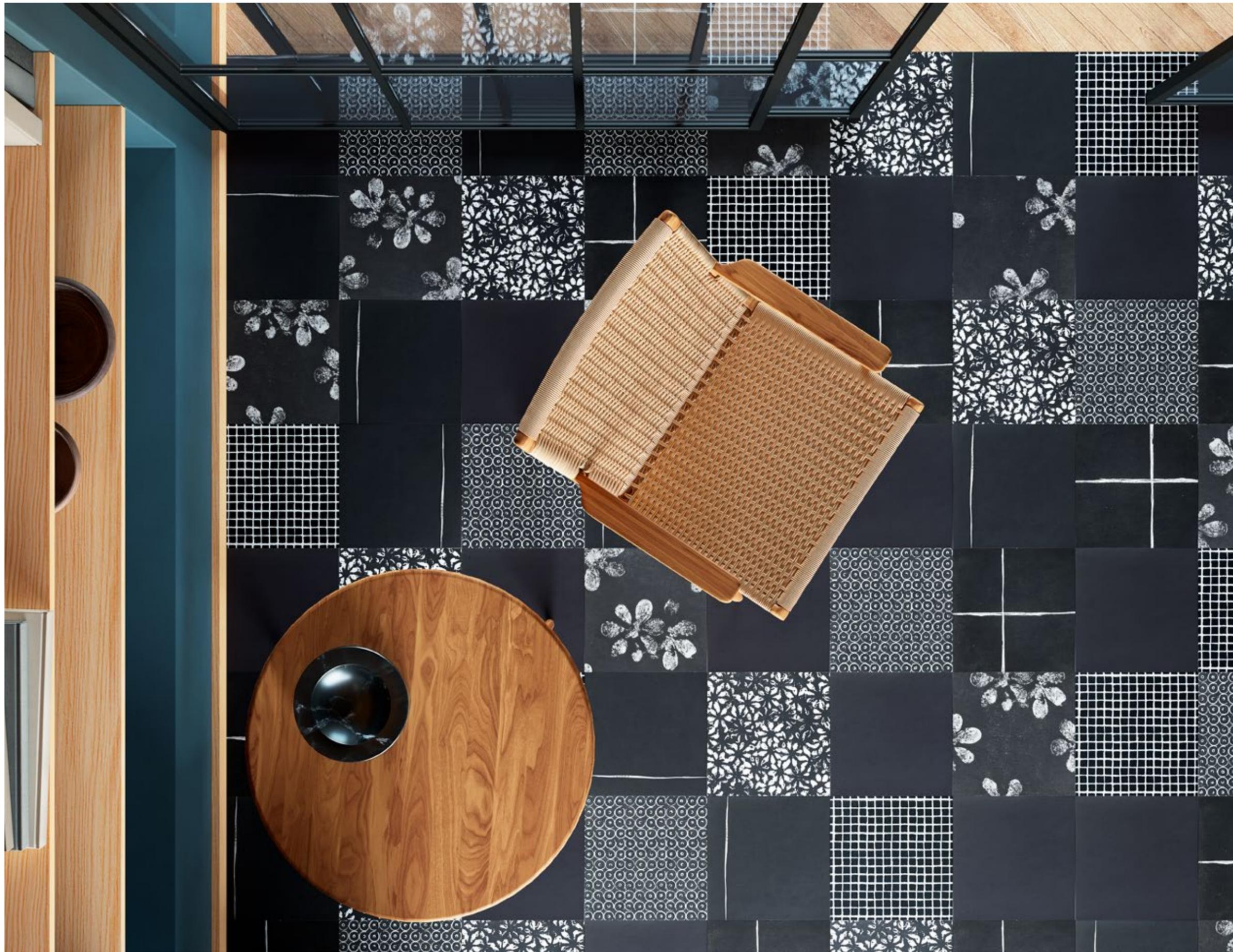


Chymia evoca il processo alchemico di trasformazione della materia. La collezione si muove tra grafica e gestualità, tra i due estremi del bianco e del nero, in cui si combinano trame segniche e materiche che tracciano luce e ombra in superficie. Le due dimensioni cromatiche non sono però mai disgiunte tra loro, ma coesistono nella loro dualità.

Chymia è realizzata in grès porcellanato smaltato ed è composta da 22 elementi delle dimensioni di 30x30 cm con spessore di 10 mm, ottenuti attraverso la combinazione delle strutture base con 11 grafiche, che possono essere installati in maniera assolutamente randomica. Ognuno di essi è rettificato e proposto nelle versioni Black e White. Dall'ampio range a disposizione sono stati poi selezionati quattro mix composti da 6 diversi articoli, dove il filo conduttore è il colore.

Chymia evokes the alchemical process of transformation of raw material. The collection consists of a series that fluctuates between the discipline of graphic design and the expressive gestures of mark-making, as well as between the two extremes of black and white, in which symbols and textures are combined to create patterns of light and shadow on the surface. Black and white are never separate but co-exist.

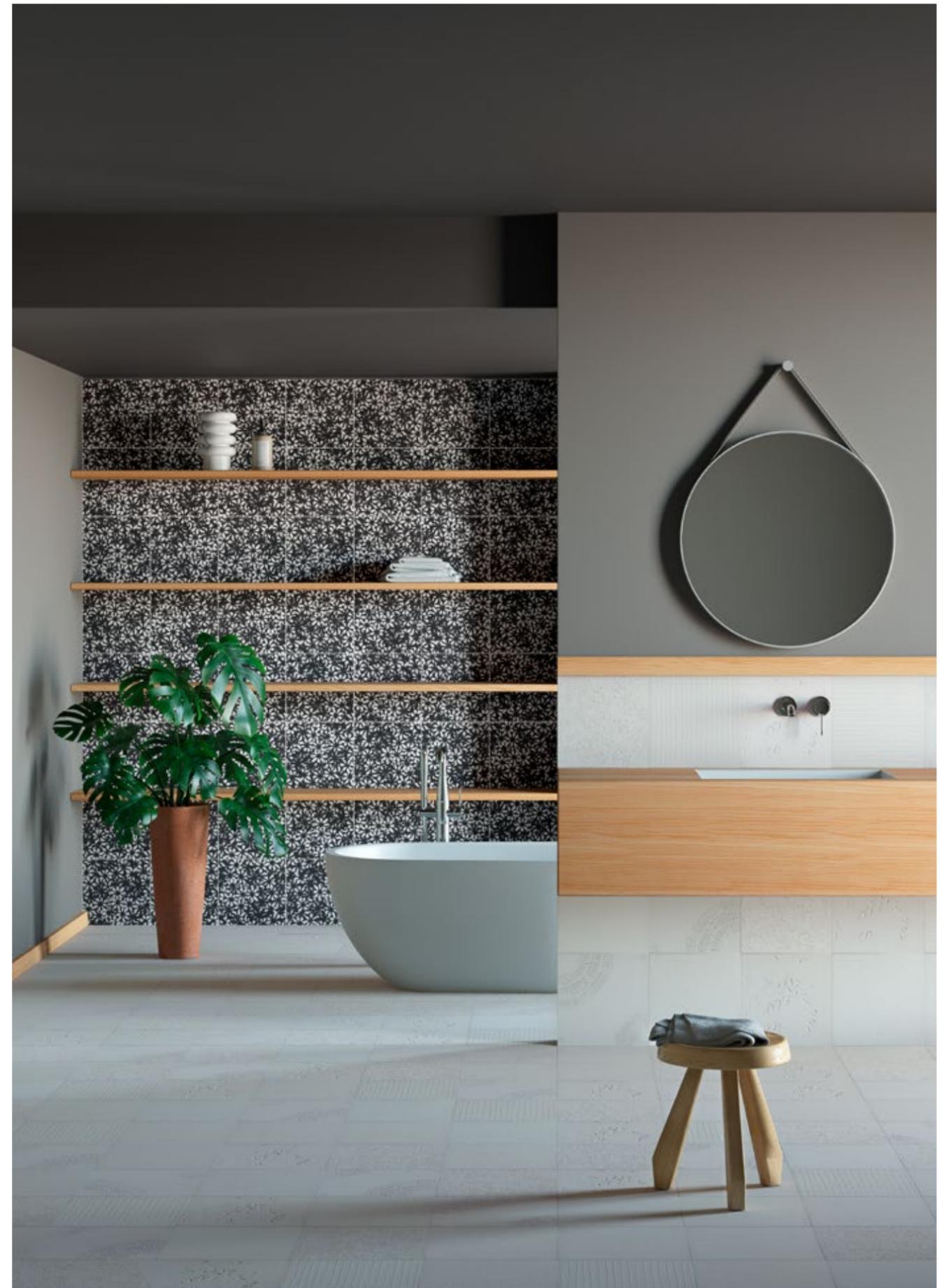
Chymia is produced in glazed porcelain stoneware and is composed by 22 elements in the single size of 30x30 cm and thickness of 10 mm, obtained by combining the principle structures with 11 textures, that can be placed randomly. They are rectified and available in both Black and White versions. Starting from the wide range, four mixes of 6 different articles (linked by the colour) have been realised.







Floor: Chymia Drops Black, Drops White. Wall: Accents Paint: Clay Matt.  
Ceiling: Accents Paint: Pearl Matt. Chimney: Accents Paint: Coal Matt.



Floor: Chymia Mix 1 White. Walls: Chymia Bloom Black, Mix 1 White. Accents Paint: Moss Matt.  
Accents Wood: Rectangular Skirting Light Oak. Ceiling: Accents Paint: Coal Matt.



# The Cylinder Glass

by Laboratorio Avallone



The Cylinder Glass è il primo progetto in edizione limitata Mutina, nato dal dialogo tra l'azienda e Laboratorio Avallone. Una ricerca specifica che vede protagonista una materia nuova, il vetro, e prende forma nelle fornaci di Murano, dove l'antica e raffinata arte della soffiatura affonda le proprie origini.

L'estetica contemporanea giocata sulla combinazione di due elementi, cilindro e cerchio, e dei colori cardine del progetto, bianco e nero, da cui si ricava un range di sei alternative, incontra il valore aggiunto dell'artigianalità, che consente di ottenere vetri inaspettati, sempre unici. I graffi, le escoriazioni, i segni e le asperità impresse durante la lavorazione invitano a toccare la superficie con mano, vivendola in prima persona.

The Cylinder Glass is the first limited edition project by Mutina and came about from the collaboration between the company and Laboratorio Avallone. It involved specific research into glass as a material, shaped in the furnaces of Murano, where the antique, refined art of glass-blowing originated.

The contemporary look achieved by placing together different elements (cylinder and circle, and the key-colours of the project, black and white, thus allowing a range of six possible combinations) is added to by expert craftsmanship that ensures totally unexpected and unique results. The scratching, abrasion, staining and roughness created during this process are intriguing and invite the observer to touch the surface.





# Raw Edges

# YOU CAN TRUST THAT YOU WILL HAVE A VERY CREATIVE RELATIONSHIP.



Raw Edges, design studio fondato da Yael Mer e Shay Alkalay, è entrato a far parte del team Mutina nel 2010. Hanno disegnato le collezioni Folded, Tex, Folded XL e Tape.

Nati a Tel Aviv, Yael Mer e Shay Alkalay si sono spostati da Gerusalemme a Londra, dove hanno fondato il Raw Edges Design Studio. Yael ama piegare come fogli sottili strati dei materiali più vari, generando volumi curvi e funzionali. Shay ha un profondo interesse per il modo in cui le cose si muovono, funzionano e interagiscono. I due diversi approcci convergono nella creazione di progetti inediti, frutto di una spiccata sensibilità ambientale. Nel 2009 hanno ricevuto l'Elle Decoration International Design Award per Stack di Established & Sons e sono stati insigniti del Designers of the Future Award al Design Miami/Basel. Collaborano con diversi brand internazionali come Cappellini, Established & Sons, Moroso, Kvadrat, Stella McCartney, Arco, Golran, Moustache e Lema. I loro lavori sono presenti nelle collezioni permanenti di musei a livello internazionale.

The Raw Edges design studio, founded by Yael Mer and Shay Alkalay, joined the Mutina team in 2010. They designed the Folded, Tex, Folded XL and Tape collections.

Both born in Tel Aviv, Yael Mer and Shay Alkalay moved from Jerusalem to London, where they founded the Raw Edges Design Studio. Yael likes to fold slim layers of all sorts of material as if they were paper, creating curved volumes and functional forms, while Shay has a passionate interest in the way things move, function and interact. These two different approaches combine in the creation of original projects, characterised by a keen sensitivity towards the environment. In 2009, they received the Elle Decoration International Design Award for Stack by Established & Sons and the Designers of the Future Award at Design Miami/Basel. They work with many international brands such as Cappellini, Established & Sons, Moroso, Kvadrat, Stella McCartney, Arco, Golran, Moustache and Lema. Their creations are part of the permanent collections at international museums.



# Folded

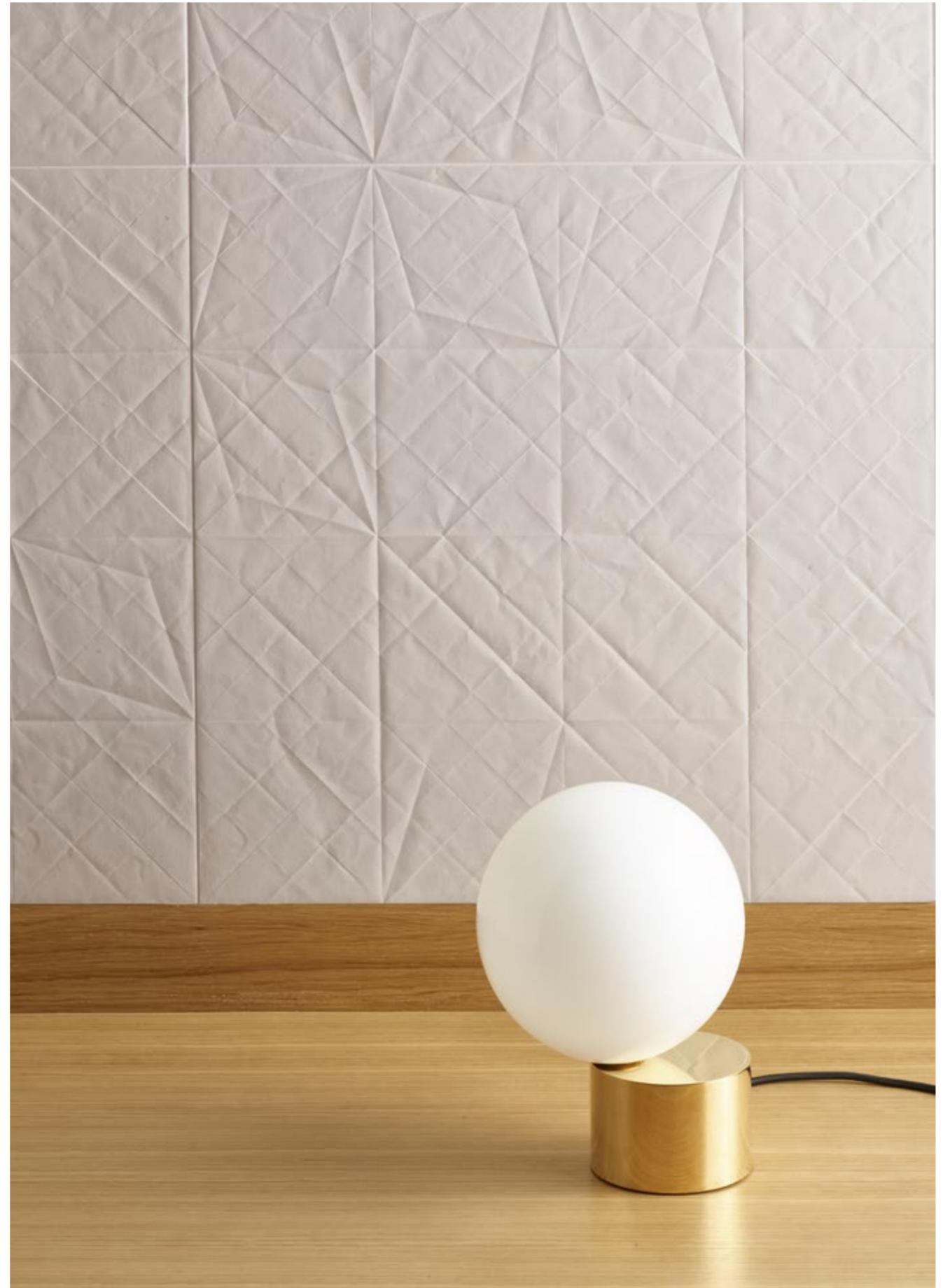
by Raw Edges

Folded trae ispirazione dai pattern ceramici tradizionali che erano – e sono tuttora – presenti negli appartamenti di Tel Aviv degli anni Cinquanta e Sessanta, giocati sulla ripetizione e sull'alternanza cromatica. Da qui è nata la volontà di riprodurre gli effetti della carta piegata su un materiale come la ceramica, realizzando elementi in un singolo formato di 60x60 cm caratterizzati da una palette di toni neutri e delicati.

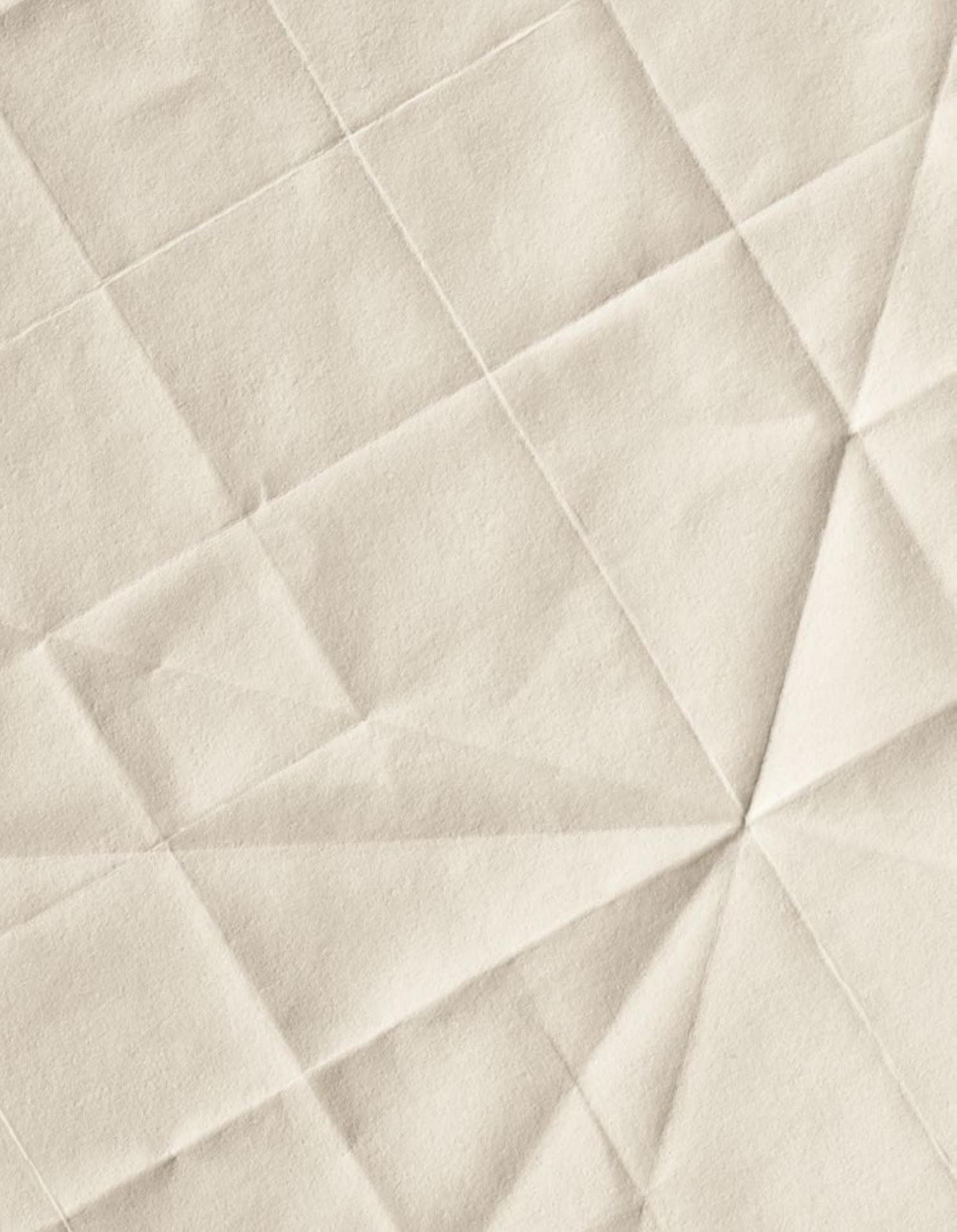
Con Folded, i designer hanno voluto restituire il fascino intrinseco della tradizione architettonica israeliana attraverso la ripetizione modulare di linee semplici, quasi elusive. La luce colpisce la trama delle piastrelle creando eleganti chiaroscuri che ripercorrono l'intera superficie, dando vita a composizioni decorative dall'aspetto contemporaneo, adatte alla posa sia a pavimento che a rivestimento.

Folded is inspired by traditional ceramic patterns that were – and still are – present in the Tel Aviv apartments of the Fifties and Sixties, played on repetition and chromatic alternation. Hence the desire to reproduce the effects of folded paper on a material such as ceramics, creating elements in a single 60x60 cm size characterized by a palette of neutral and delicate tones.

With Folded, the designers wanted to restore the intrinsic charm of the Israeli architectural tradition through the modular repetition of simple, almost elusive lines. The light strikes the texture of the tiles, creating elegant chiaroscuro effects that retrace the entire surface, giving life to decorative compositions with a contemporary taste, suitable for both floor and wall coverings.







# Folded<sup>XL</sup>

by Raw Edges

Folded XL riproduce l'effetto della carta piegata della collezione originale, ma su lastre di grande formato – 100x300 cm con uno spessore di 5,6 mm – che consentono di evitare le fughe, adatte a una posa a pavimento e a rivestimento, per interni ed esterni. Questa nuova versione è realizzata interamente con un impasto extra-white di grès porcellanato, senza l'ausilio di smalti e coloranti. Il prodotto viene inoltre commercializzato rettificato, così da consentire una fuga minima di 2 mm e dare maggiore continuità alle superfici.

Folded XL consiste in materia pura pressata all'interno di un impianto ceramico di ultima generazione che consente, per la prima volta, di realizzare strutture a rilievo su lastre di grande formato. In questo modo il pattern si espande minimizzando le discontinuità e permettendo ai giochi di luce e ombra di svilupparsi ancora più agevolmente lungo tutta la superficie.

Folded XL reproduces the effect of the folded paper of the original collection, but on large-size slabs – 100x300 cm with a thickness of 5,6 mm – which allow the avoidance of joints, suitable for floor and wall coverings, for indoors and outdoors. This new version is made entirely of an extra-white porcelain stoneware mixture, without the use of enamels and dyes. The product is also marketed as rectified, so as to allow a minimum joint of 2 mm and give greater continuity to the surfaces.

Folded XL consists of pure material pressed inside a latest-generation ceramic system that allows to create relief structures on large-size slabs for the first time. This way the pattern expands minimizing the discontinuities and allowing the play of light and shadow to develop even more easily along the entire surface.







# Tape

by Raw Edges

Tape riproduce l'illusione di rotoli di grafiche colorate che vengono adagiati su piastrelle nude, consentendo di creare ambienti diversi e varie atmosfere. Il prodotto si compone di una prima leggera grafica di fondo, quasi impercettibile, che richiama l'effetto gessoso delle superfici dei carreaux-ciment, e di una seconda gamma di otto diversi pattern – che possono venire combinati facilmente grazie ai due fondi base, uno bianco e uno nero – realizzati nei cinque toni che caratterizzano la collezione: bianco, blu, verde, marrone e nero.

Prodotti in grès porcellanato smaltato, in un unico formato di 20,5x20,5 cm, i moduli possono essere abbinati liberamente, creando morbide transizioni da un pattern all'altro. Dando vita a combinazioni vivaci e inaspettate, che ridefiniscono gli spazi attraverso un'estetica vagamente grafica.

Tape reproduces the illusion of rolls of colourful patterns that rest on the raw tiles, creating different settings and various atmospheres. The design consists of a first slight, almost imperceptible pattern on the base tile that evokes the chalky effect of the surfaces of the carreaux-ciment, and a range of eight patterns – that can be easily combined thanks to the base tiles, one white and one black – all in the five shades of the range: white, blue, green, brown and black. Tape is suitable for both floor and wall tiles, for indoor and outdoor use.

The collection is made in glazed porcelain stoneware, in a single size: 20,5x20,5 cm. The tiles can be freely combined, thus creating soft transitions from a pattern to another. This gives birth to vibrant and unexpected combinations that re-defined spaces through a slightly graphic aesthetic.



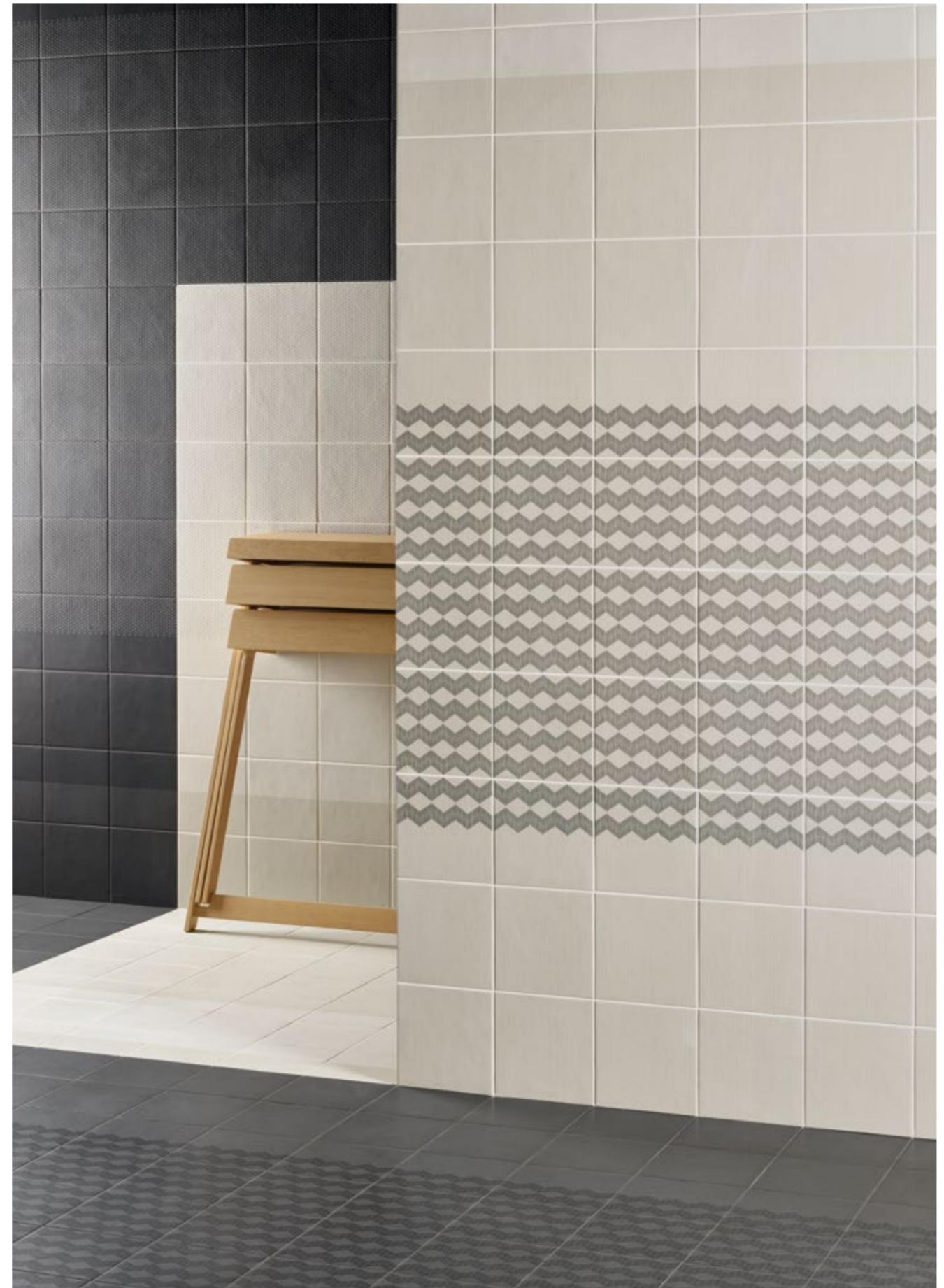
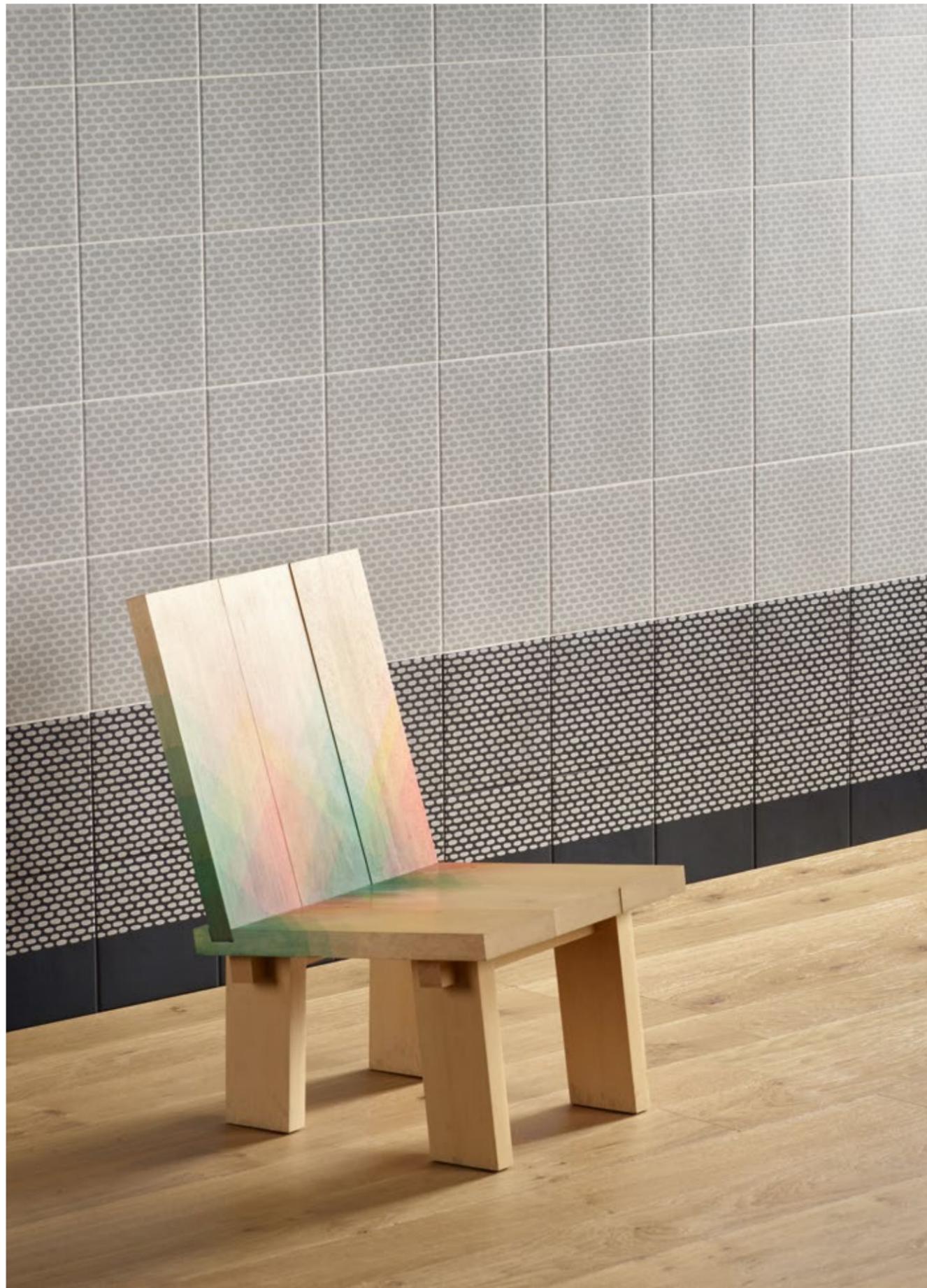


Tape Cobble Half Blue, Grainy Half Green, Base White, Grainy Green, Zigzag Half Green, Zigzag Green



Wall: Tape Mesh Blue, Mesh Half Blue, Base White, Grainy Half Blue, Grainy Blue, Zigzag Half Blue, Zigzag Blue. Floor: Tape Zigzag Blue, Grainy Blue.







# Tex

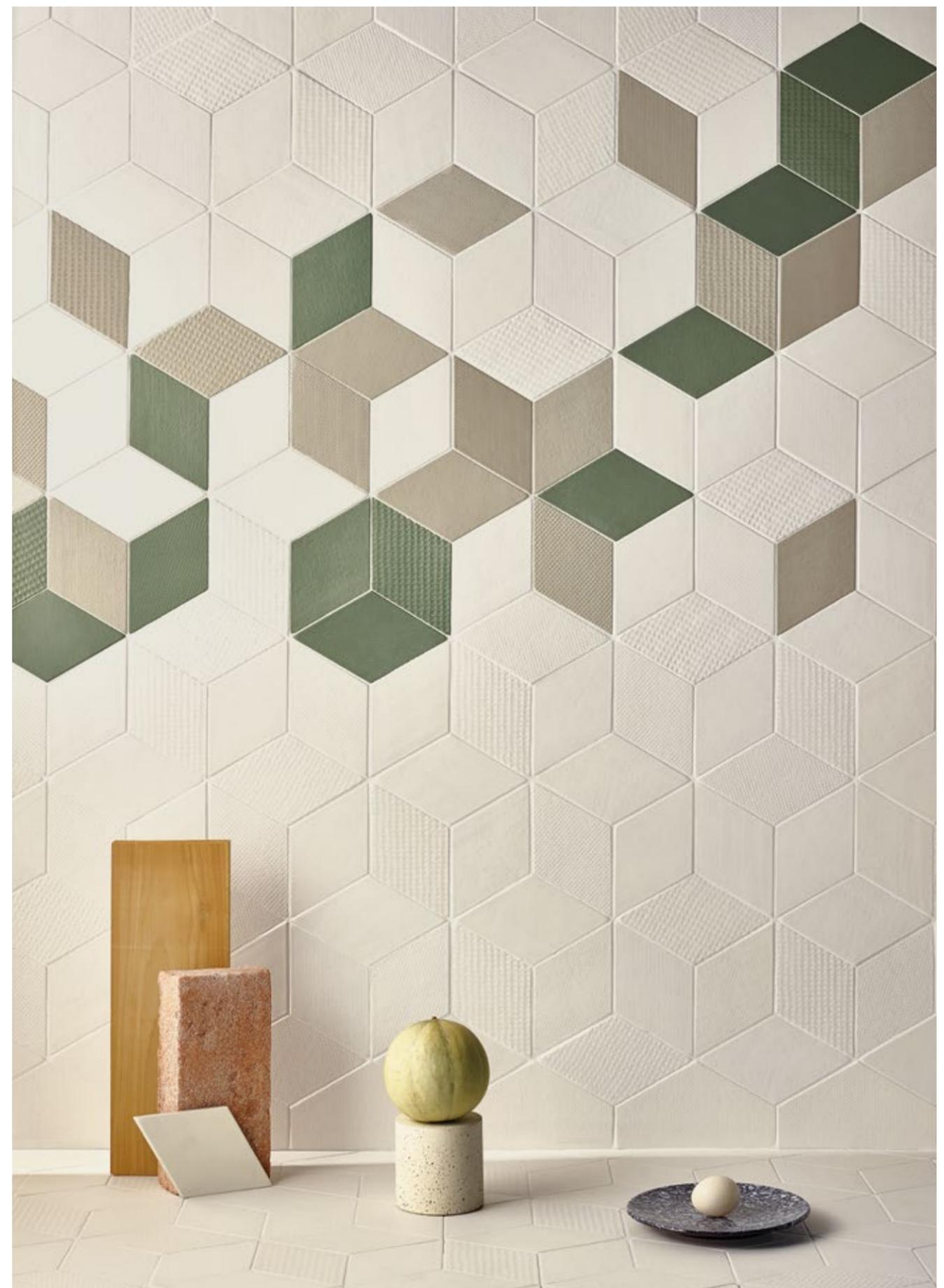
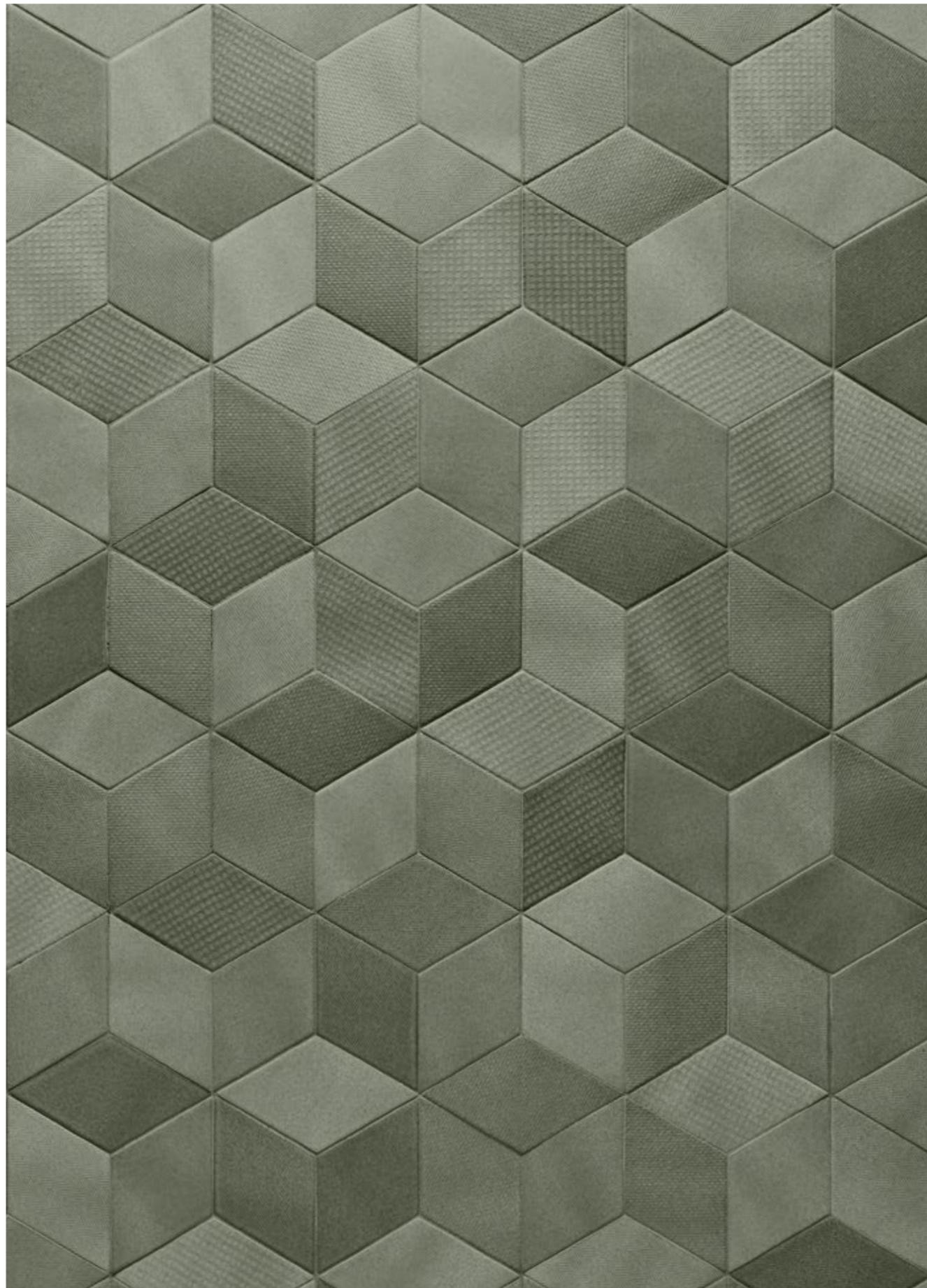
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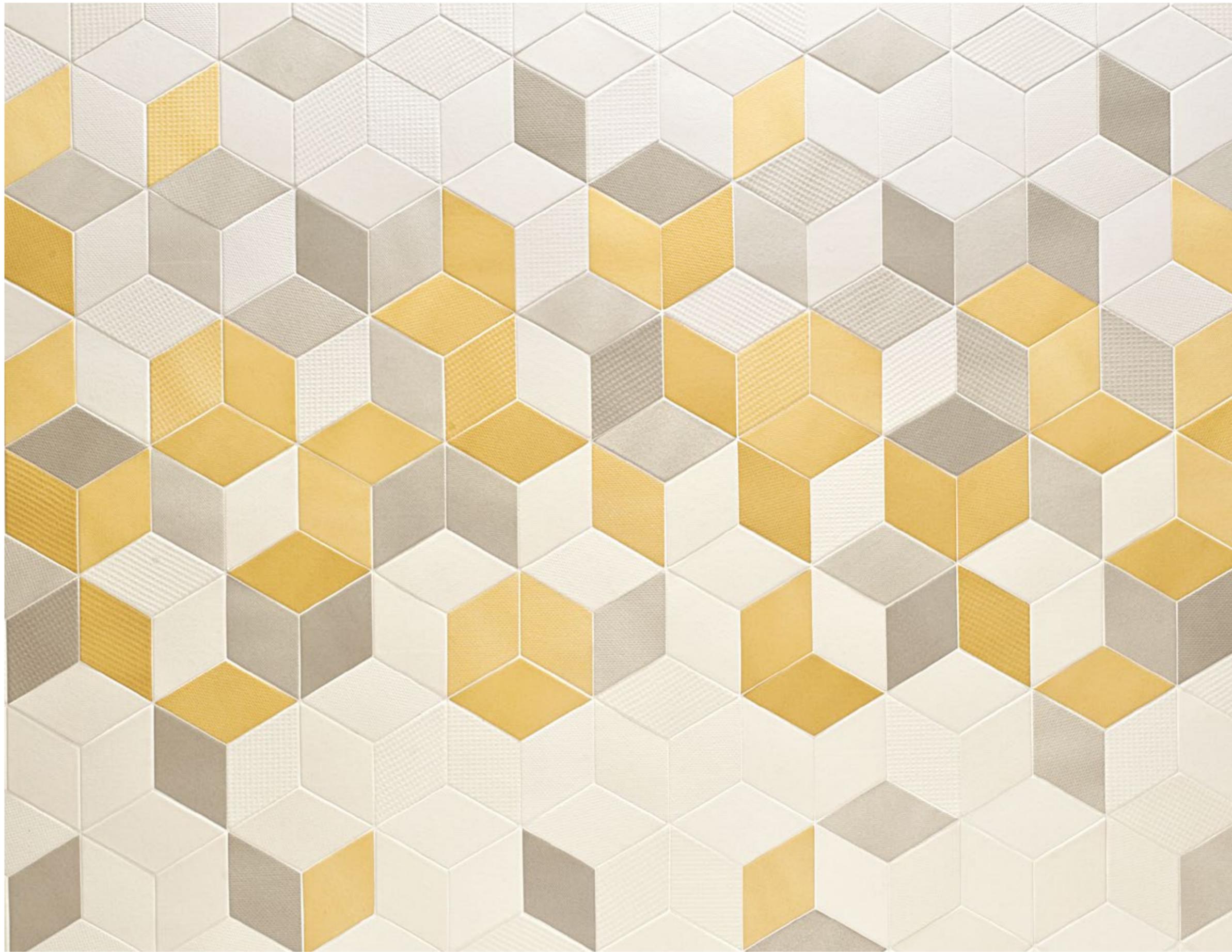
Tex costituisce una reinterpretazione delle texture tessili, in formato ceramico. Gli elementi della collezione costituiscono un ingrandimento semplificato della lavorazione a maglia di base e possono essere disposti in tre pattern principali, a loro volta declinati in otto diverse colorazioni. La produzione di Tex esalta la varietà delle texture, l'autenticità dei colori e le qualità tattili dello smalto, che crea effetti di luce più o meno irregolari e saturi.

Con l'obiettivo di amplificare l'effetto sorpresa e stimolare creatività e personalizzazione degli ambienti, le tre tonalità vengono inserite nel packaging in modo casuale. In questo modo, durante la posa sarà possibile ottenere composizioni inaspettate. Vi sono poi i Runner, installazioni su rete con pattern predefiniti, simili a mosaici, che permettono di posizionare gli elementi grafici in posizioni particolari sia a pavimento che a rivestimento.

Tex is a re-interpretation of textile textures, entirely ceramic. The shape of the tiles consists of a simplified enlargement of the basic knitted stitch and can be arranged in three main patterns, each of which can be declined in eight different nuances. The production of Tex enhance the variety of the textures, the authenticity of colours and the quality of the glaze, that gives birth to irregular and more or less saturated light effects.

With the aim of enhancing the surprise effect and to increase the creativity and personalisation of the environments, the three shades will be placed randomly in the packages. By this, when installing Tex, arbitrary arrangements could be achieved. There are also patterns named Runner: premade installations arranged on a mesh similar to mosaic settings, which allow to locate graphic elements in particular places, both on floors and walls.









# Inga Sempé

# DO YOU SAY MÙTINA? IT'S MUTÌNA, ISN'T IT? MÙTINA THEN.

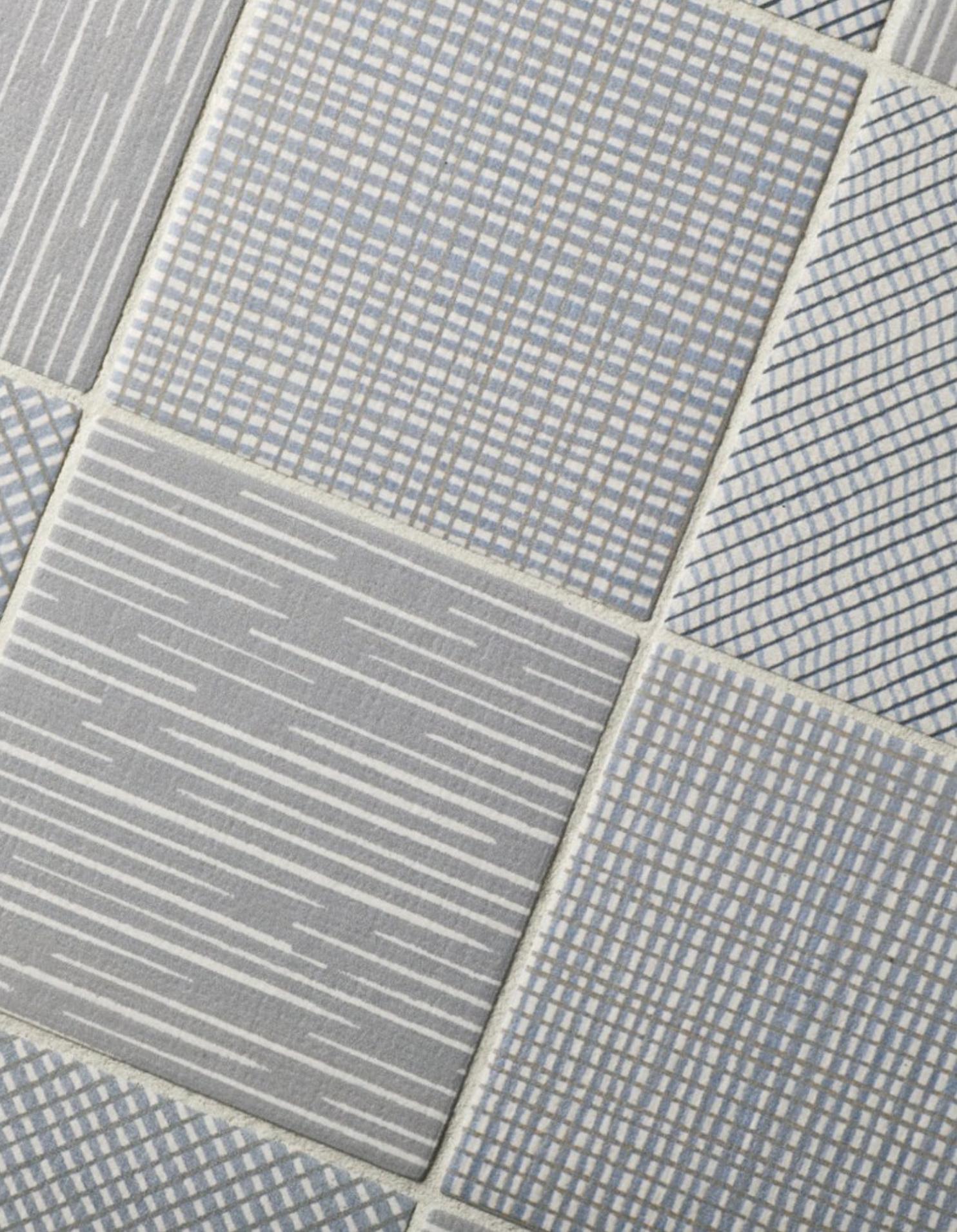


L'artista-designer Inga Sempé è entrata a far parte del team Mutina nel 2014. Ha realizzato la collezione Tratti.

Inga Sempé è nata a Parigi da una famiglia di artisti. L'importanza del disegno nel contesto familiare, anche se svincolato dal design, ha sicuramente contribuito a distinguere il suo approccio progettuale da quello dei suoi conterranei. Diplomata nel 1993 all'ENSCI Atelier (Ecole Nationale Supérieure de Création Industrielle – Parigi), ha lavorato in diversi studi di design e di architettura d'interni per poi aprire il suo studio a Parigi nel 2000. Dal 2000 al 2001 presso Villa Medici (Académie de France) a Roma ha sviluppato i suoi primi progetti personali poi prodotti da Edra e Cappellini. Nel 2003 ha ottenuto il Grand Prize of Creation di Parigi per il design ed ha esposto i suoi progetti in una mostra personale presso Il Musée des Arts Décoratifs. La designer collabora con il brand francese Ligne Roset e con aziende internazionali come LucePlan, Wästberg, Moustache, Alessi, Almedahls, Hay, Svenkst Tenn e Cassina.

Artist and designer Inga Sempé joined the Mutina team in 2014. She designed the Tratti collection.

Inga Sempé was born in Paris to a family of artists. Although never linked to design, the importance of drawing in her family environment was certainly a factor in the way her personal approach now differs from other French designers. After graduating from the ENSCI Atelier (Ecole Nationale Supérieure de Création Industrielle – Paris) in 1993, she worked in various design and interior architecture studios, and opened her own Paris-based studio in 2000. From 2000 to 2001, Sempé designed her first personal projects produced by Edra and Cappellini at the Villa Medici (Académie de France) in Rome. In 2003, she received the Paris Grand Prize of Creation for design and had a solo show at the Musée des Arts Décoratifs. The designer collaborates with French brand Ligne Roset and international companies such as LucePlan, Wästberg, Moustache, Alessi, Almedahls, Hay, Svenkst Tenn and Cassina.



# Tratti

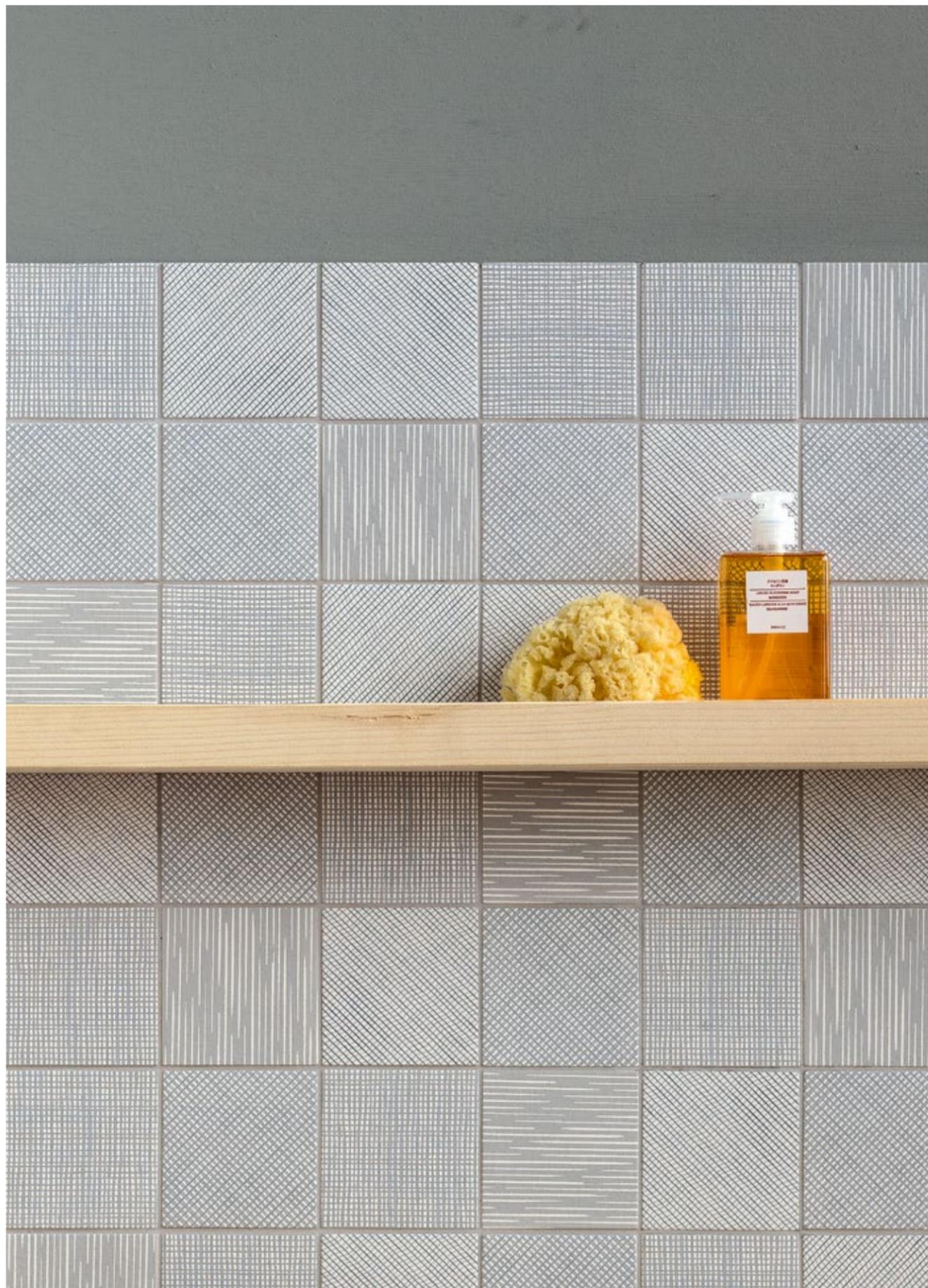
by Inga Sempé

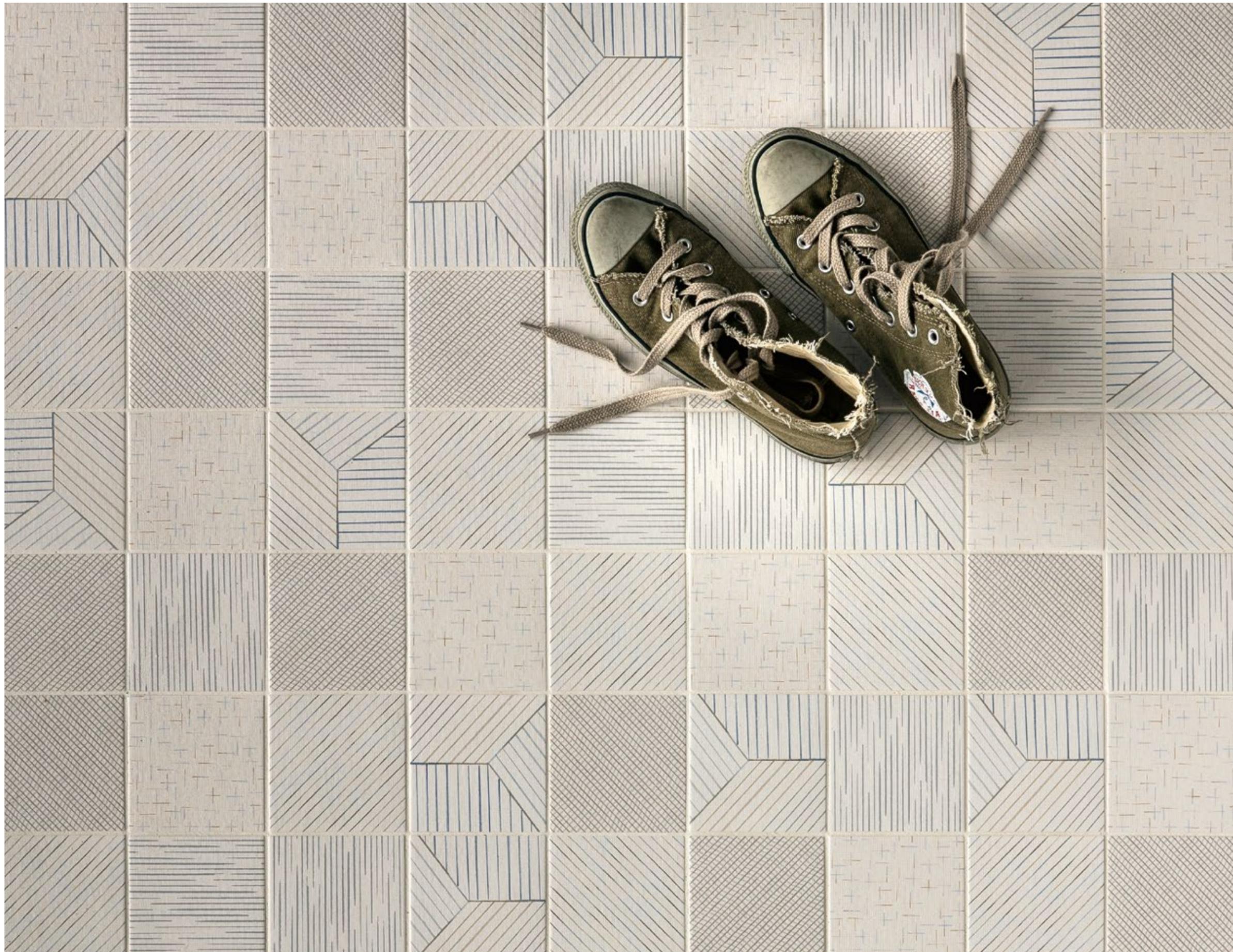
Tratti nasce da – e rimanda a – suggestioni innumerevoli e disparate, come stoffe e ricami, simboli geografici e trame architettoniche. Elementi che vengono reinterpretati in chiave grafica, dando vita a due pattern individuali riprodotti su una piastrella di 10 x 10 cm. Realizzata in grès porcellanato, la collezione presenta una gamma di tre fondi base neutri (bianco, beige e grigio), completata da tre mix composti da diversi disegni declinati in bianco, grigio e grigio scuro (non vendibili separatamente) che, collocati in maniera randomica, possono essere ripetuti all'infinito. In questo modo la collezione si caratterizza per le infinite possibili combinazioni e l'incredibile versatilità. Le piastrelle, infatti, sono adatte sia alla posa a pavimento che a rivestimento in qualsiasi tipo di ambiente, sia interno che esterno.

“Ogni disegno rimanda a un universo differente, dai campi visti dal cielo, a pezzi di stoffa, a ricami, a simboli di legende cartografiche e trame architettoniche.”  
Inga Sempé

Tratti is derived from and recalls composite elements, such as pieces of fabrics, embroidery and symbols of cartographic legends. These elements are graphically re-interpreted to create two different patterns, reproduced on tiles of 10 x 10 cm. The collection is made of glazed porcelain stoneware. It comes in a range of three neutral base colours (white, beige and grey), with three different patterns in white, grey and dark grey (not for individual sale) that can be repeated in a random way. The collection is thus characterized by endless possible combinations and incredible versatility. Indeed, the tiles are suited for floors and walls in any environment, both indoor and outdoor.

“Each design refers to a different universe, from the fields seen from the sky, to pieces of fabrics, embroidery and symbols of cartographic legends.”  
Inga Sempé







# Patricia Urquiola

Azulej, Bas-Relief, Celosia, Cover, Déchirer,  
Déchirer (La Suite), Dechirer<sup>XL</sup>, Tierras

# I TREASURE ENCOUNTERS, THE REAL ONES.



Architetto e designer spagnola, ma italiana di adozione, fa parte del team Mutina dal 2008. Ha disegnato numerose collezioni, tra cui: la serie Déchirer, Bas-Relief, Azulej, Déchirer (La Suite), Tierras, Déchirer XL, Cover e Celosia.

Patricia Urquiola è nata a Oviedo, in Spagna, ma vive e lavora a Milano da più di vent'anni. Dopo essersi laureata nel 1989, ha lavorato per Achille Castiglioni. Durante i primi anni della sua carriera, è stata assistant lecturer per Achille Castiglioni, collaborato con Vico Magistretti ed è stata responsabile Design per Lissoni Associati. Nel 2001, ha aperto il suo studio lavorando nei settori del product design, interni e architettura. Ha realizzato progetti retail e allestimenti per Gianvito Rossi, BMW, Flos, Missoni, Moroso, Officine Panerai, H&M, Santoni, Pitti Uomo Firenze e ha vinto diversi premi internazionali tra cui: la "Medalla de Oro al Mérito en las Bellas Artes" del Governo Spagnolo, l'Ordine di Isabella la Cattolica, consegnato da Sua Maestà il Re di Spagna Juan Carlos I, "Designer del decennio" e "Designer dell'anno".

Patricia Urquiola, Spanish architect and designer, adopted Italian, joined the Mutina team in 2008. She designed numerous collections, including Déchirer, Bas-Relief, Azulej, Déchirer (La Suite), Tierras, Déchirer XL, Cover and Celosia.

Patricia Urquiola was born in Oviedo, Spain, but has lived and worked in Milan for over twenty years. After graduating in 1989, she worked for Achille Castiglioni. In the early years of her career, she was assistant lecturer to Achille Castiglioni, she collaborated with Vico Magistretti and was Head of Design at Lissoni Associati. She opened her own studio in 2001, working in product design, interior design and architecture. She worked on retail and fitting projects for Gianvito Rossi, BMW, Flos, Missoni, Moroso, Officine Panerai, H&M, Santoni, Pitti Uomo Firenze and won several international prizes, including: Medalla de Oro al Mérito en las Bellas Artes and the Order of Isabella the Catholic, awarded to her by King Juan Carlos I of Spain, "Designer of the Decade" and "Designer of the Year".



# Azulej

by Patricia Urquiola

Azulej è volta a rivalorizzare la memoria delle antiche maioliche artigianali e del cemento idraulico, sperimentando una tecnica di stampa innovativa orientata verso un prodotto di larga diffusione. Questa tradizione – rivisitata in chiave contemporanea – viene realizzata serialmente in formato 20x20 cm. La composizione riprende le caratteristiche della tecnica patchwork: un mix and match innovativo, volutamente casuale, che abbina disegni astratti e colori non saturi, neutri, appena consumati. In questo modo i pattern di Azulej combinano linguaggi volutamente diversi: memoria, geometrie, pixel, sviluppati sia in senso longitudinale che diagonale. Un risultato unico e sorprendente, che regala libertà compositiva e unicità di disegno, mantenendo intatte le caratteristiche del ‘fatto a mano’, con le prestazioni di un materiale ad alta tecnologia adatto sia a pavimenti che a rivestimenti.

Azulej is aimed at re-evaluating the memory of ancient handcrafted majolica and hydraulic cement, experimenting with an innovative printing technique aimed at mass distribution. This tradition – revisited in a contemporary way – is serially produced in a 20x20 cm size. The composition echoes the characteristics of the patchwork technique: an innovative, intentionally random mix and match, which combines abstract designs and unsaturated, neutral, barely consumed colours.

That’s how Azulej’s patterns combine intentionally different languages: memory, geometries, pixels, developed both longitudinally and diagonally. A unique and surprising result, which gives compositional freedom and unique design, keeping the characteristics of the “hand-made”, with the performance of a high-tech material suitable for both floors and walls.

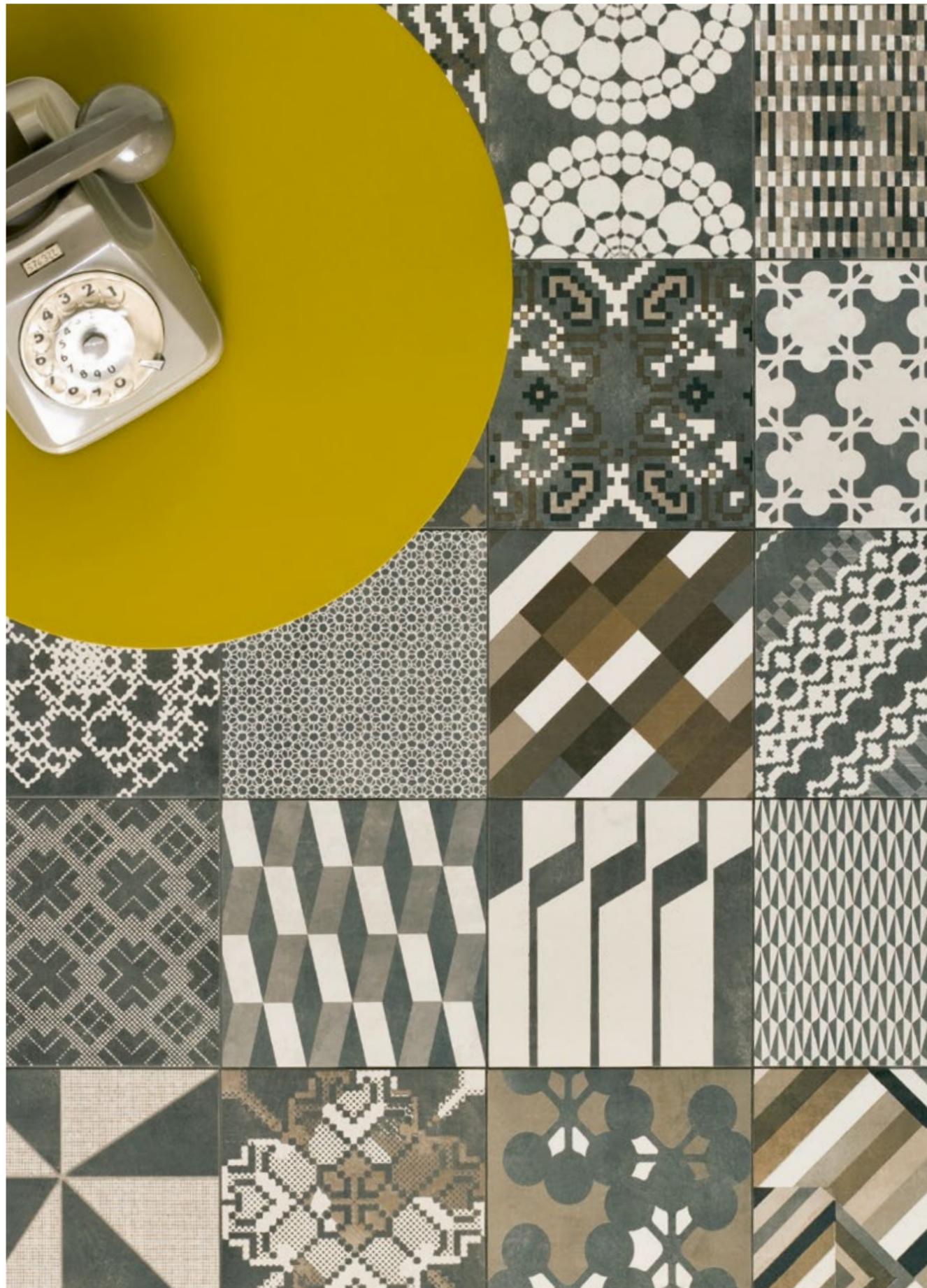


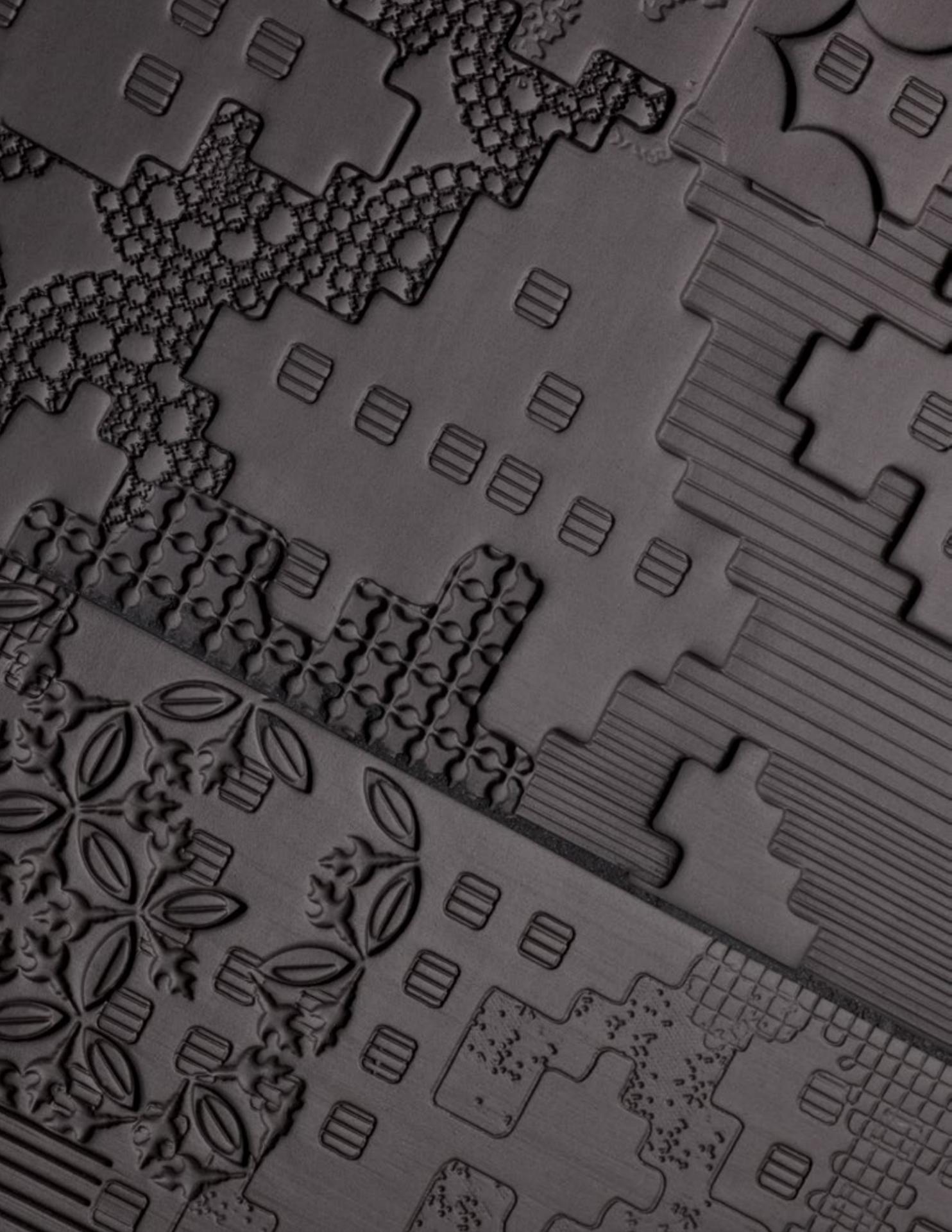












# Bas-Relief

by Patricia Urquiola

Bas-Relief è una collezione di produzione artigianale che vede protagonista l'antica arte del bassorilievo, qui riproposta in quattro diversi pattern decorativi – tre da rivestimento in formato 18x54 cm e uno da pavimento in formato 26,5x18 cm. La texture sofisticata e rigorosa di Code dà vita a un movimento che si ripete come un codice sulla superficie; Patchwork consiste invece in un mix and match di motivi che creano un disegno in continua evoluzione; con Garland, l'elemento floreale viene rivisitato in chiave contemporanea e digitale; Cloud, infine, è aereo e leggero come una nuvola, capace di creare un disegno astratto e continuo.

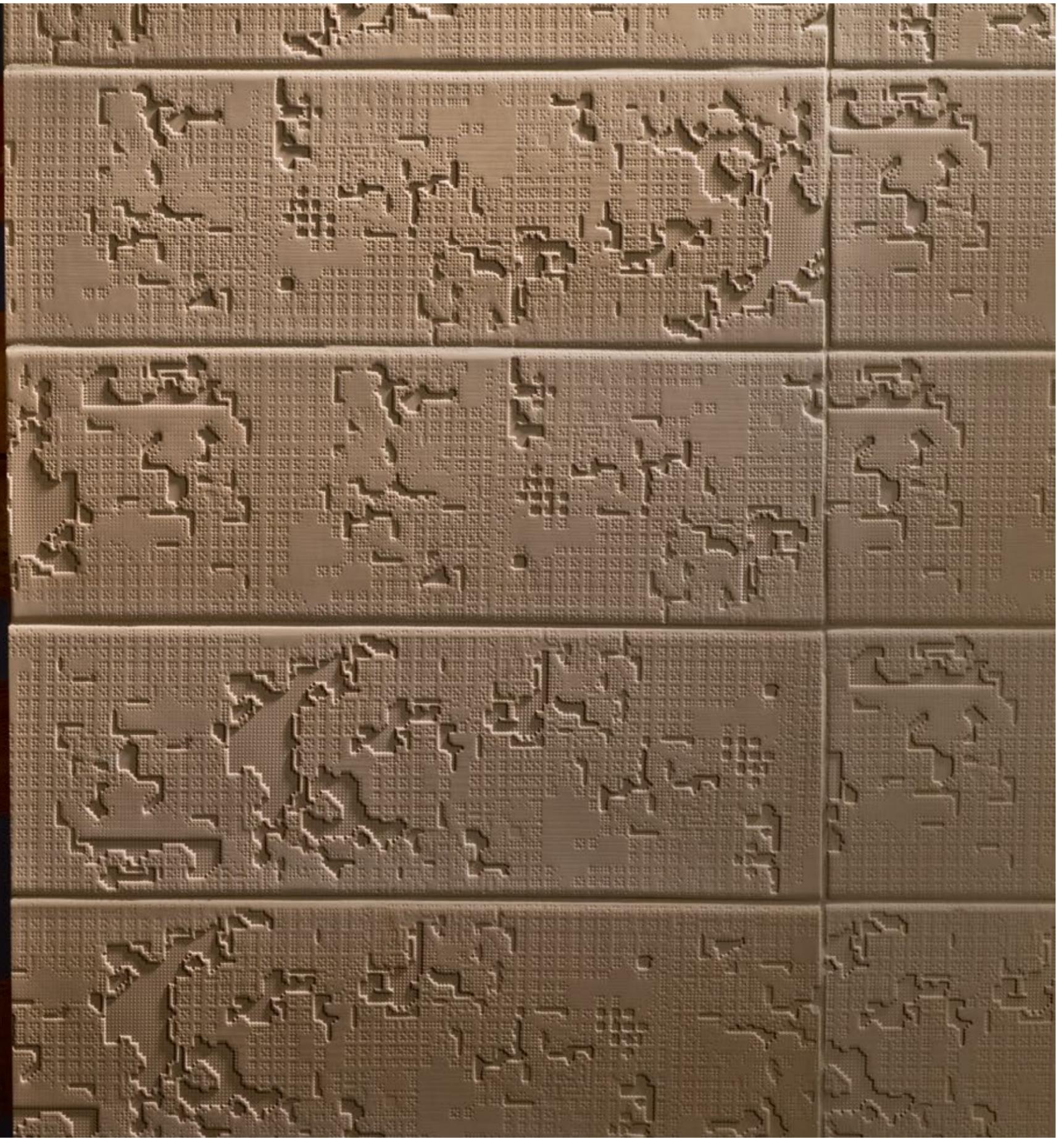
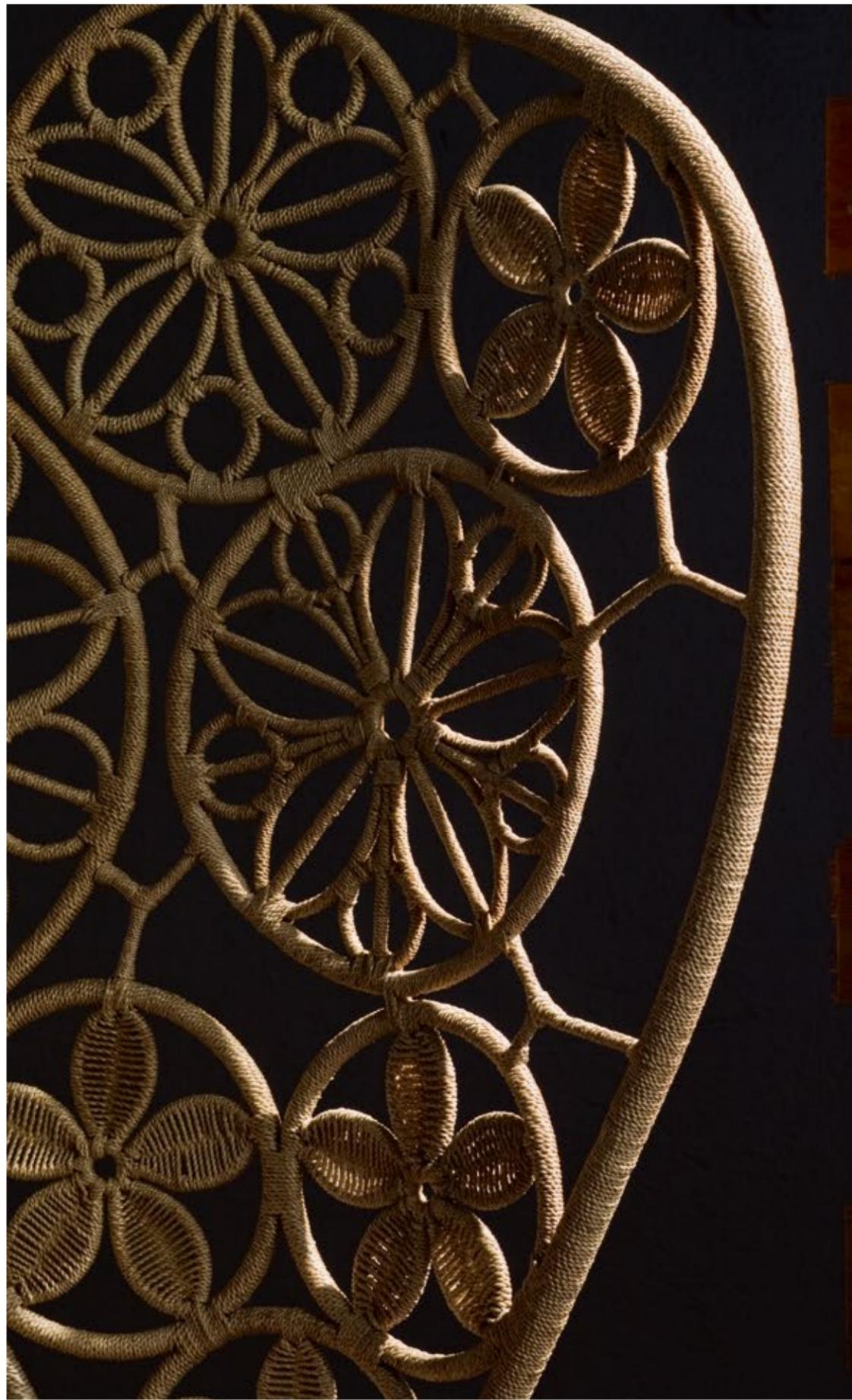
Bas-Relief è declinata in toni neutri e naturali quali bianco, cipria e nero, utilizzati in chiave innovativa. La finitura degli elementi presenta diverse profondità che restituiscono un effetto chiaroscuro più o meno pronunciato a seconda della luce.

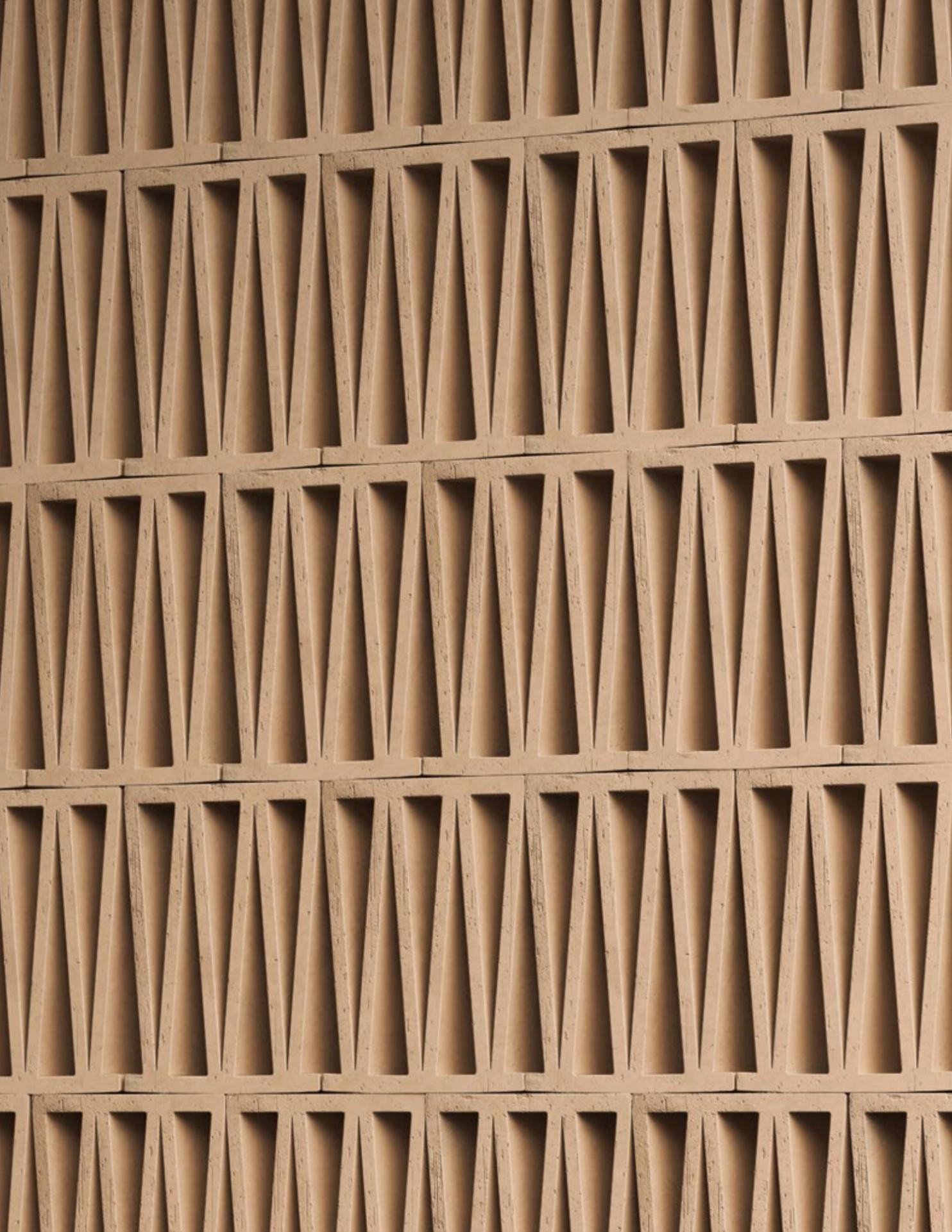
Bas-Relief is a handmade collection where the ancient art of bas-relief becomes the protagonist, by being proposed in four different decorative patterns: three patterns just for wall covering in a 18x54 cm size and one for floor covering in a 26,5x18 cm size. Code is characterized by an austere and refined texture, expressed through a movement that repeats itself on the surface as a code; Patchwork consists of a mix and match of patterns that creates a constantly evolving design; in Garland, the flower element is revised with a contemporary and digital attitude; Cloud, the last one, is airy and light as a cloud, and it creates an abstract and constant design.

Bas-Relief is declined in natural and neutral tones such as white, powder and black, applied in an innovative way. The elements of the collection are characterized by different depths that create a chiaroscuro effect whose intensity depends on light.









# Celosia

by Patricia Urquiola

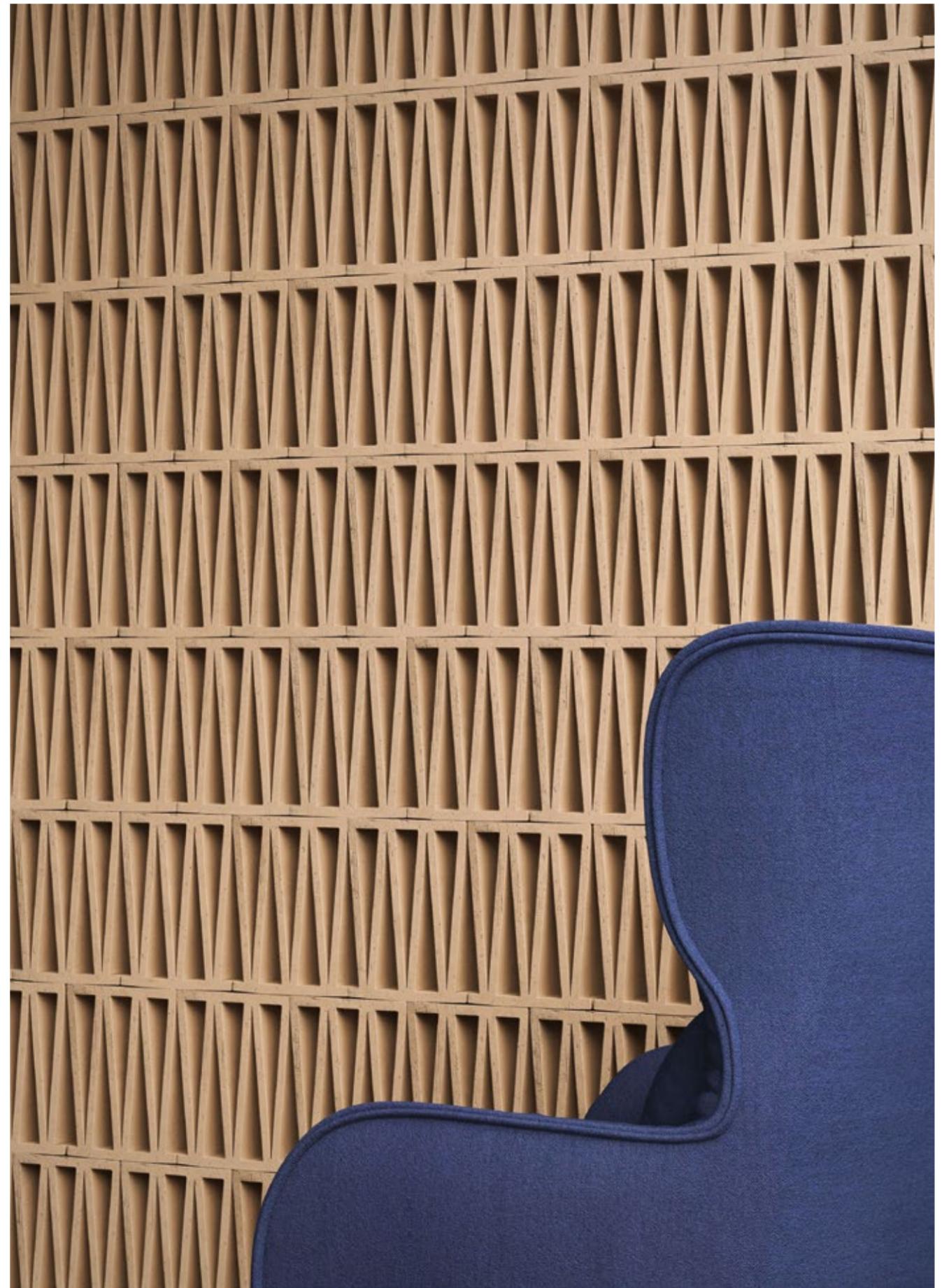
Celosia riprende le tecniche di produzione artigianali proprie della terracotta al fine di ricreare elementi che emergono dalla terra, imperfetti e materici, segnati dalla mano dell'uomo e dal passare del tempo. Tegole, mattoni, mattoni forati e gelosie vengono smontati, destrutturati e reinterpretati in chiave moderna, conservando l'anima tradizionale che li caratterizza attraverso la produzione artigianale. Nascono così nuovi elementi di design in formato 20,5x26,5x10 cm, che consentono infinite soluzioni applicative sia in interno che in esterno.

Celosia rappresenta il desiderio innovatore di uscire dalla bidimensionalità tipica del rivestimento murario, che qui viene tradotto nella sperimentazione della tridimensionalità del laterizio. Le sue forme e composizioni rievocano il sistema di numerazione romano, e la sequenza con cui vengono posati gli elementi crea filtri dinamici e unici.

Celosia is a new take on the artisanal production process typical of terracotta with the aim of giving birth to imperfect and tactile elements that come from earth, marked by the hand of man and time passing by. Roof tiles, bricks, hollow bricks and partition walls are undone, unstructured and re-interpreted in a new way, keeping the traditional touch given by the handcrafted production. New design elements are thus created, in the 20,5x26,5x10 cm nominal size, allowing limitless solutions for indoors and outdoors.

Celosia represents the wish to explore out of the two-dimensional spaces typical of standard wall covering, which is translated into the experimentation of three-dimensional bricks. Shapes and compositions recall the Roman numbering system, and the sequence in which the elements are laid creates dynamic and unique designs.







# Cover

by Patricia Urquiola

Cover costituisce uno dei primi esperimenti della designer Patricia Urquiola su lastre di grande formato. Uno studio portato avanti sulla base di una ricerca specifica che fa uso della tecnologia Continua Plus, grazie alla quale è stato possibile ottenere una materia compatta, composta da polveri, grani e scaglie, senza l'aggiunta di colori e applicazioni in digitale.

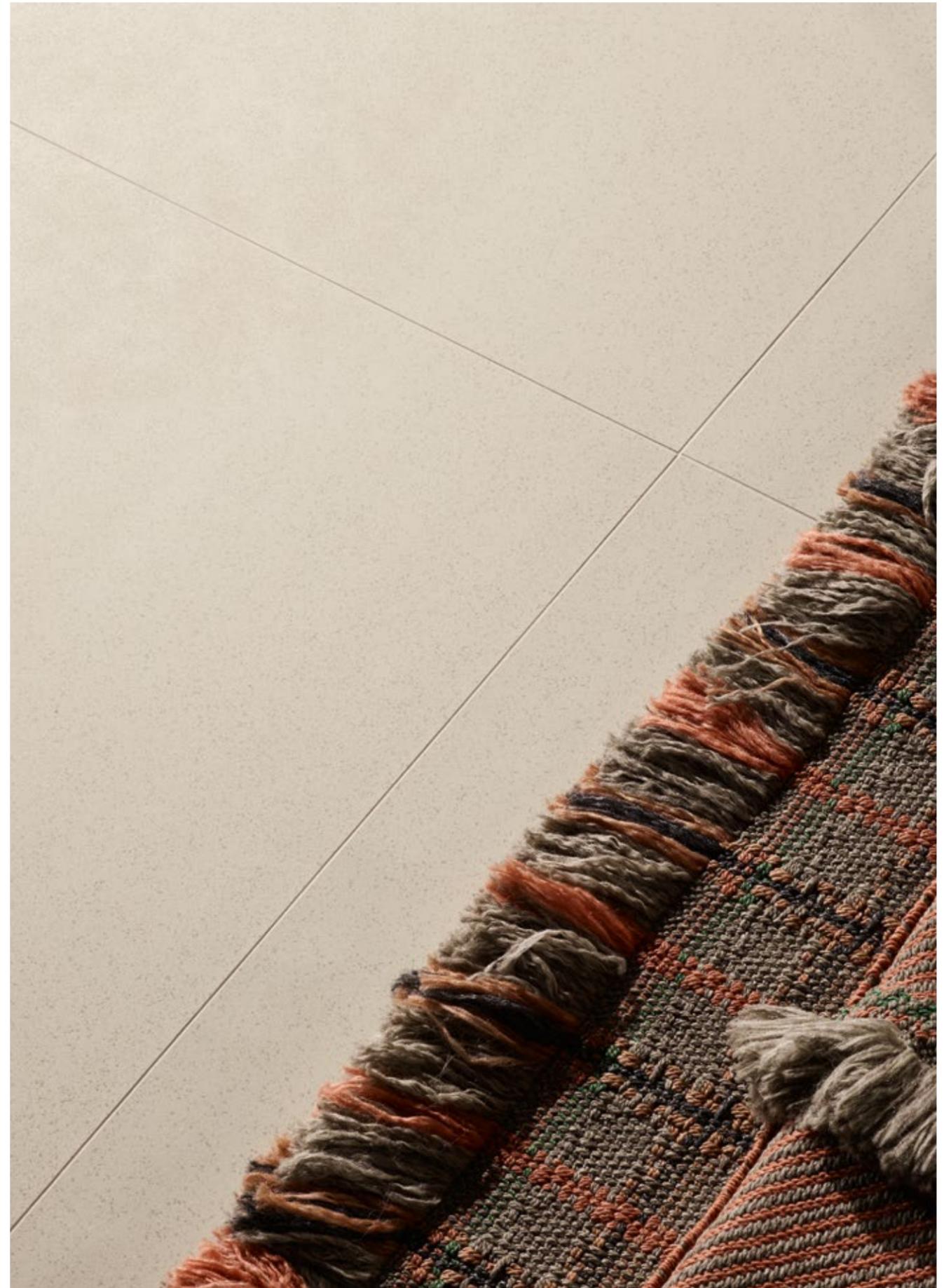
La collezione è realizzata con un impasto di grès porcellanato non smaltato (UGL) nei formati 120x240cm e 120x120 cm, nominali e rettificati. La materia ceramica, arricchita da una miscela di micro-graniglie, costituisce la base su cui vengono poi realizzate delle trame in serigrafia colorata, caratterizzate da pattern regolari, figurativi o geometrici: presenze leggermente a contrasto, con densità e intensità diverse, che ricordano il paesaggio variabile delle nuvole, sempre in movimento.

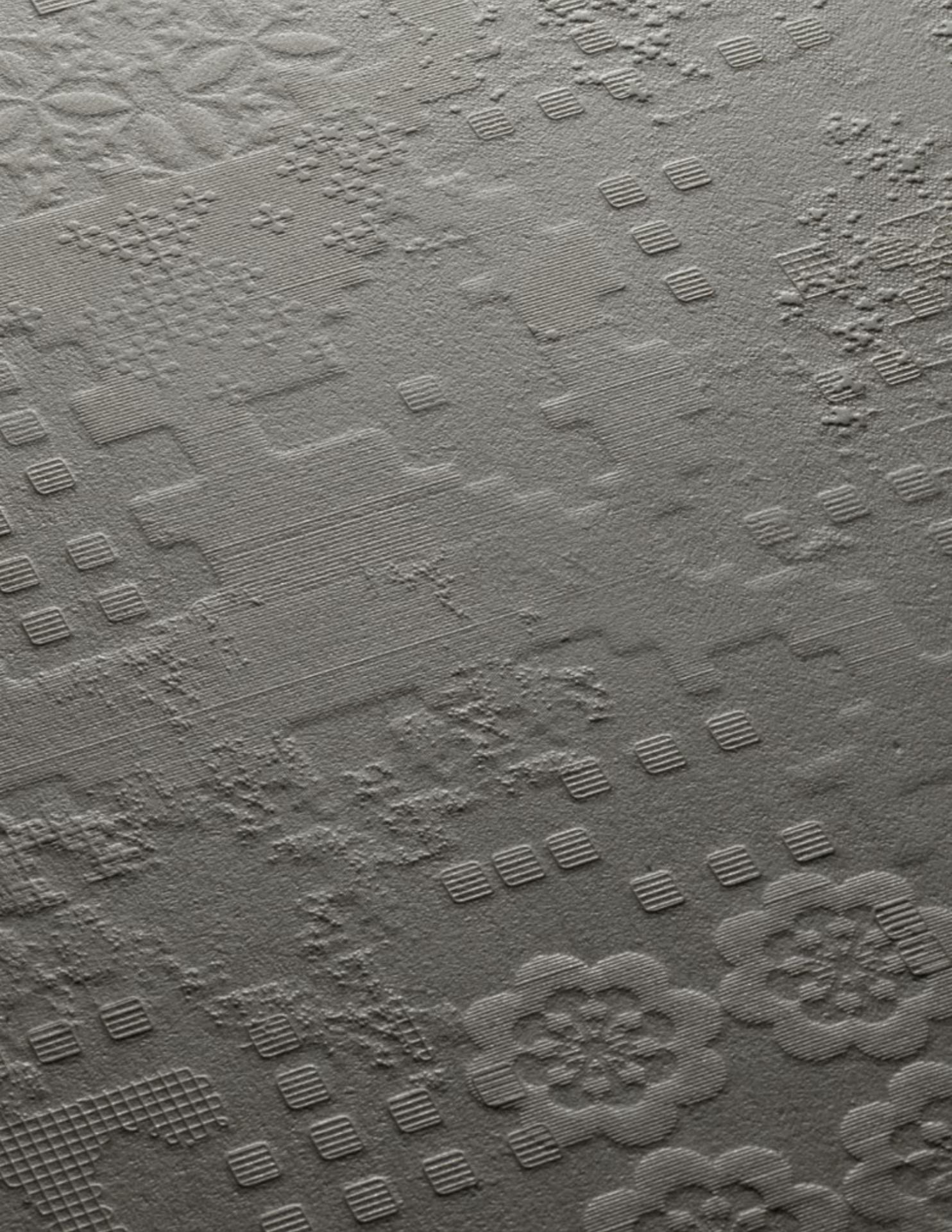
Cover marks one of Patricia Urquiola's first ventures with large ceramics slabs. An experimental project based on a specific research that uses the Continua Plus technology, which was necessary in order to obtain a compact material with powders, grains and flakes, without the addition of colour or digital applications.

The collection consists of an unglazed porcelain stoneware body (UGL) and is available in the 120x240cm and 120x120 cm nominal sizes. The clay is blended with a mixture of micro-grit, which is then used as a base for the coloured patterns applied using the silk-screen method. These may be irregular, figurative or geometric: slightly contrasting patterns, with different intensity and density of colour, that recalls the variable landscape of the sky where the clouds move around continuously.









# Déchirer

by Patricia Urquiola

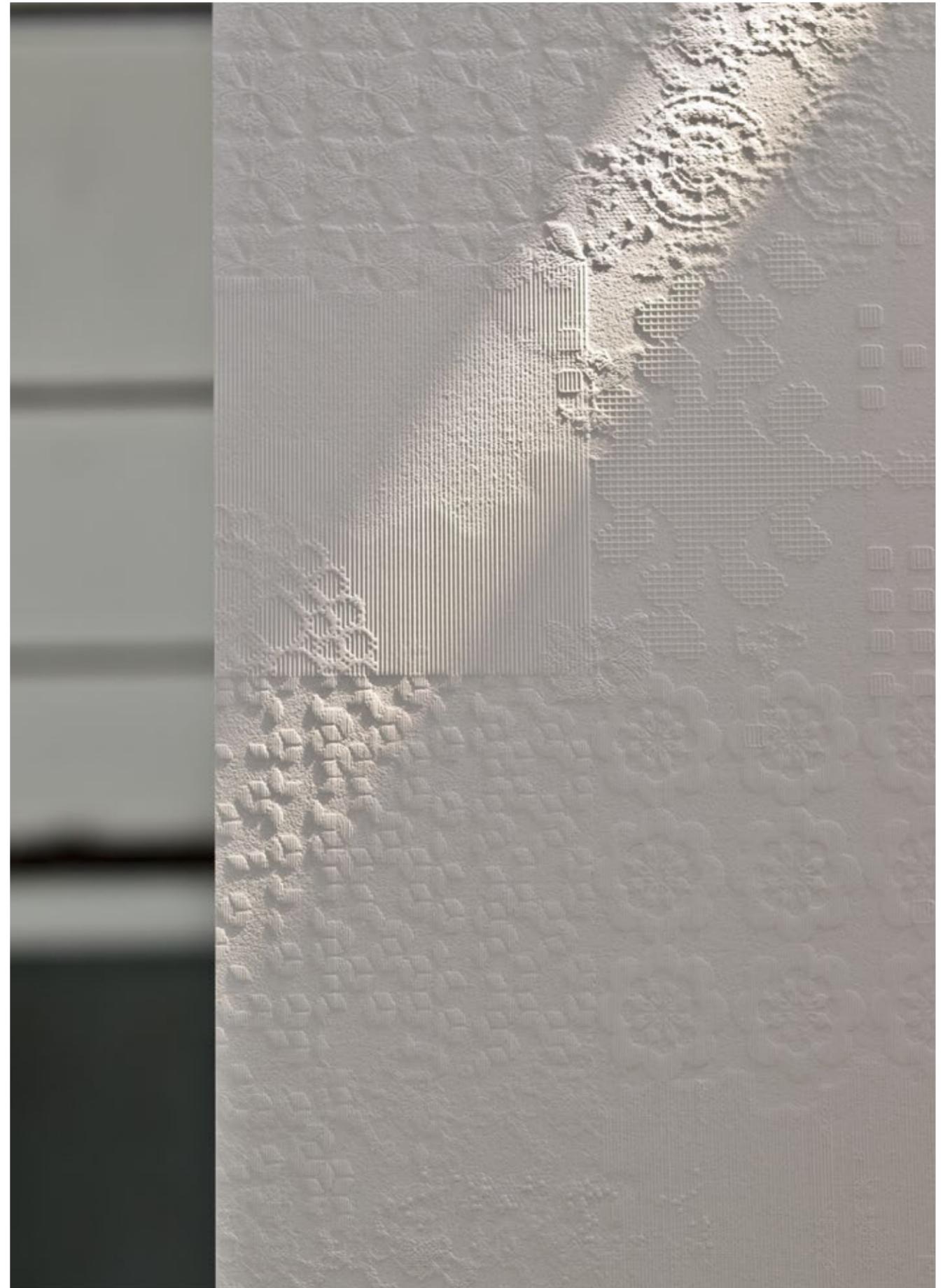
Déchirer ha segnato una rivoluzione nel campo dei rivestimenti ceramici d'autore. L'uso della tecnologia Continua ha infatti permesso di realizzare lastre di grande formato in grès porcellanato non smaltato a impasto omogeneo – perfettamente monocalibro e modulari – adatte sia per la posa a pavimento che a rivestimento. I bassorilievi appena percettibili, che percorrono elegantemente la superficie, non sono mere decorazioni, ma rappresentano ciò che rimane di memorie strappate.

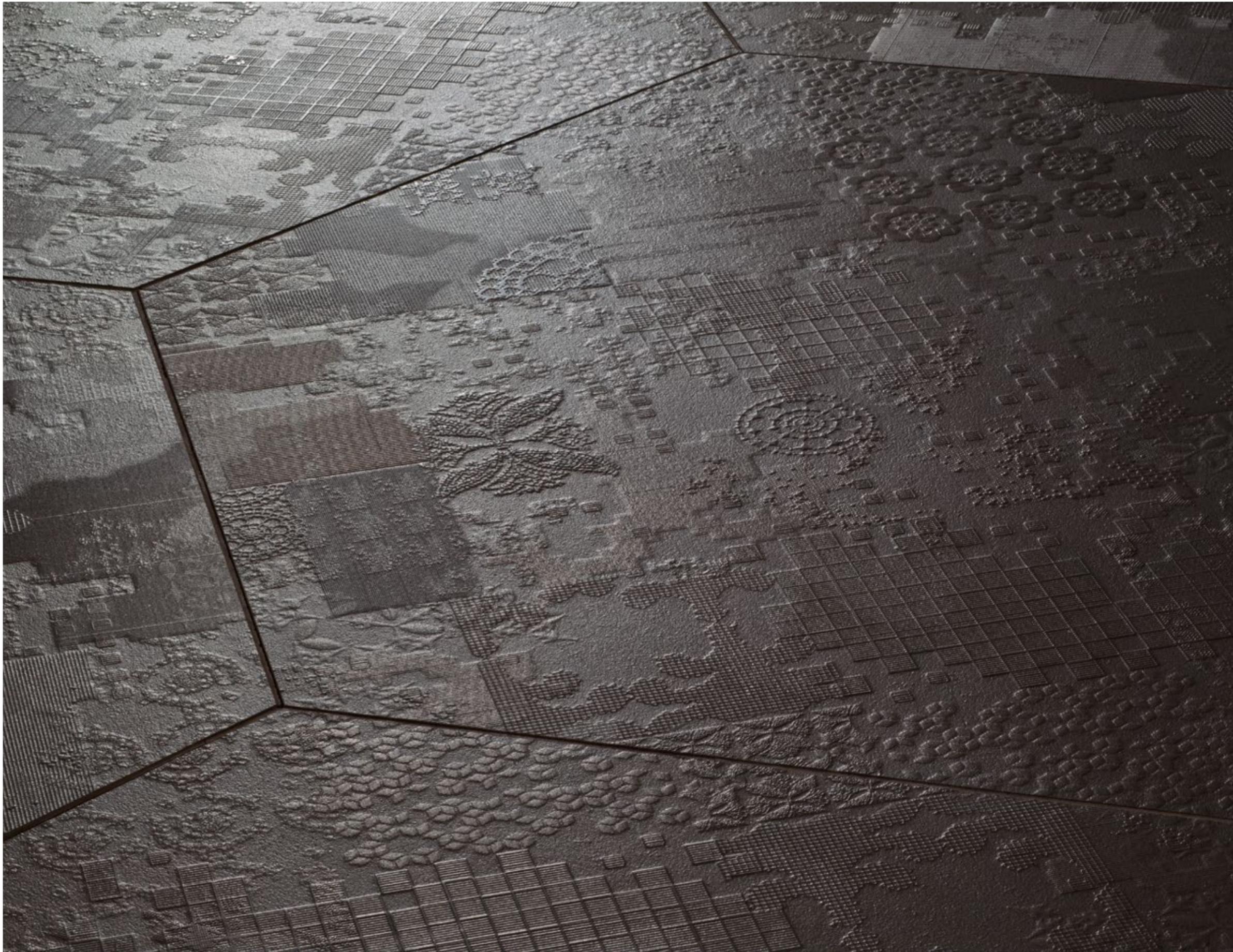
La collezione abbina superfici, texture e materie differenti, oltre a fare ricerca sui materiali, sperimentare nuove tecnologie e interpretare forme e colori. A questo si aggiunge l'importanza della sostenibilità: il rispetto della natura è una prerogativa nella realizzazione di Déchirer, che presta attenzione all'ambiente producendo un moderno e raffinato design eco-friendly.

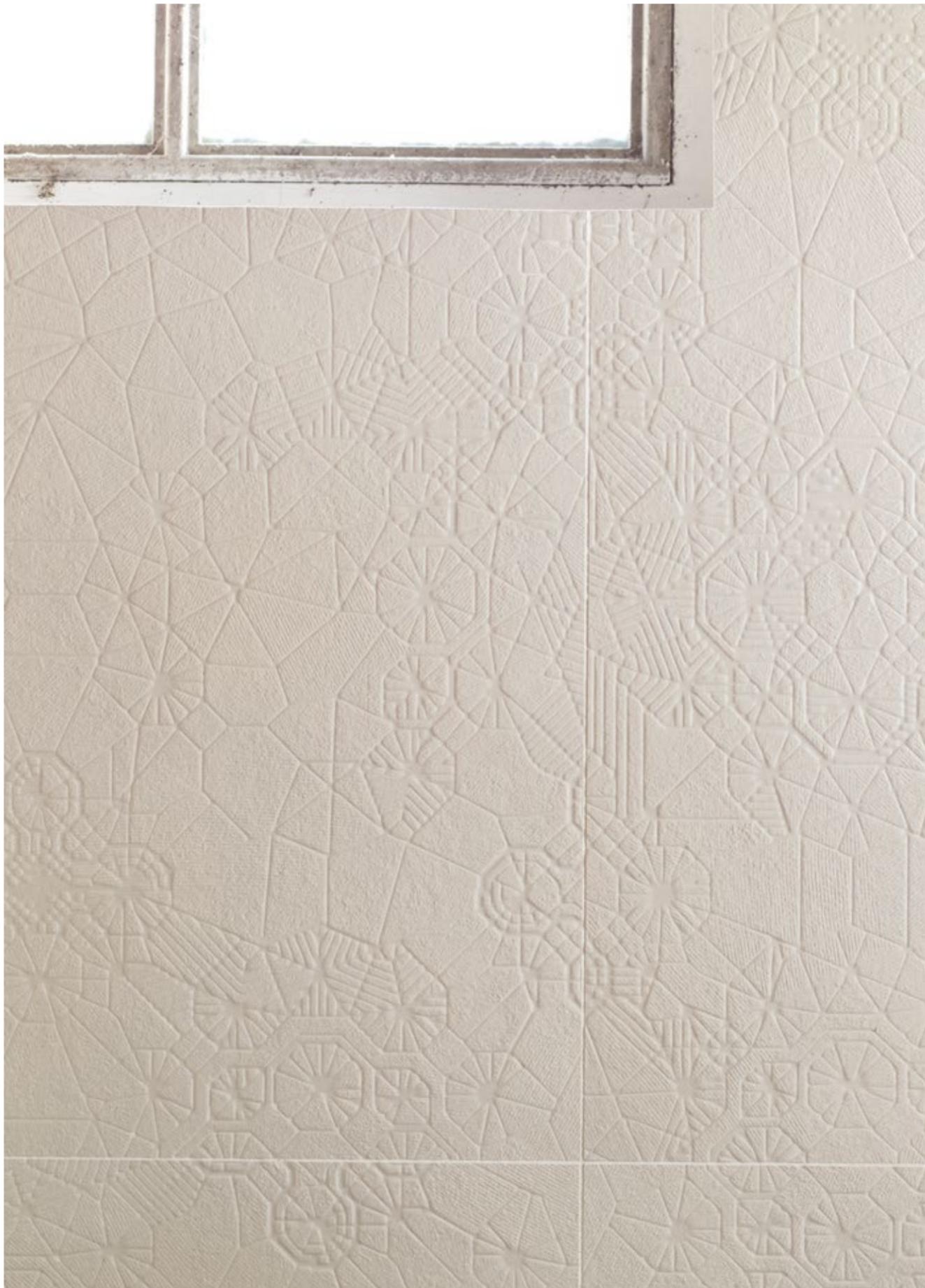
Déchirer was a breakthrough in the world of designer tiles. The use of Continua technology allowed to realise large slabs in unglazed porcelain stoneware, modular and single work-size, that can be used both on floors and walls. The bas-reliefs that elegantly cross the surface are barely visible; they are not mere decorations, but represent what remains of torn memories.

The collection combines surfaces, textures and different materials, as well as researching on materials, experimenting with new technologies, re-interpreting shapes and colours. Furthermore, sustainability and respecting the environment is a prerogative of the collection, which creates a modern and refined design that is also eco-friendly.









# Déchirer<sup>XL</sup>

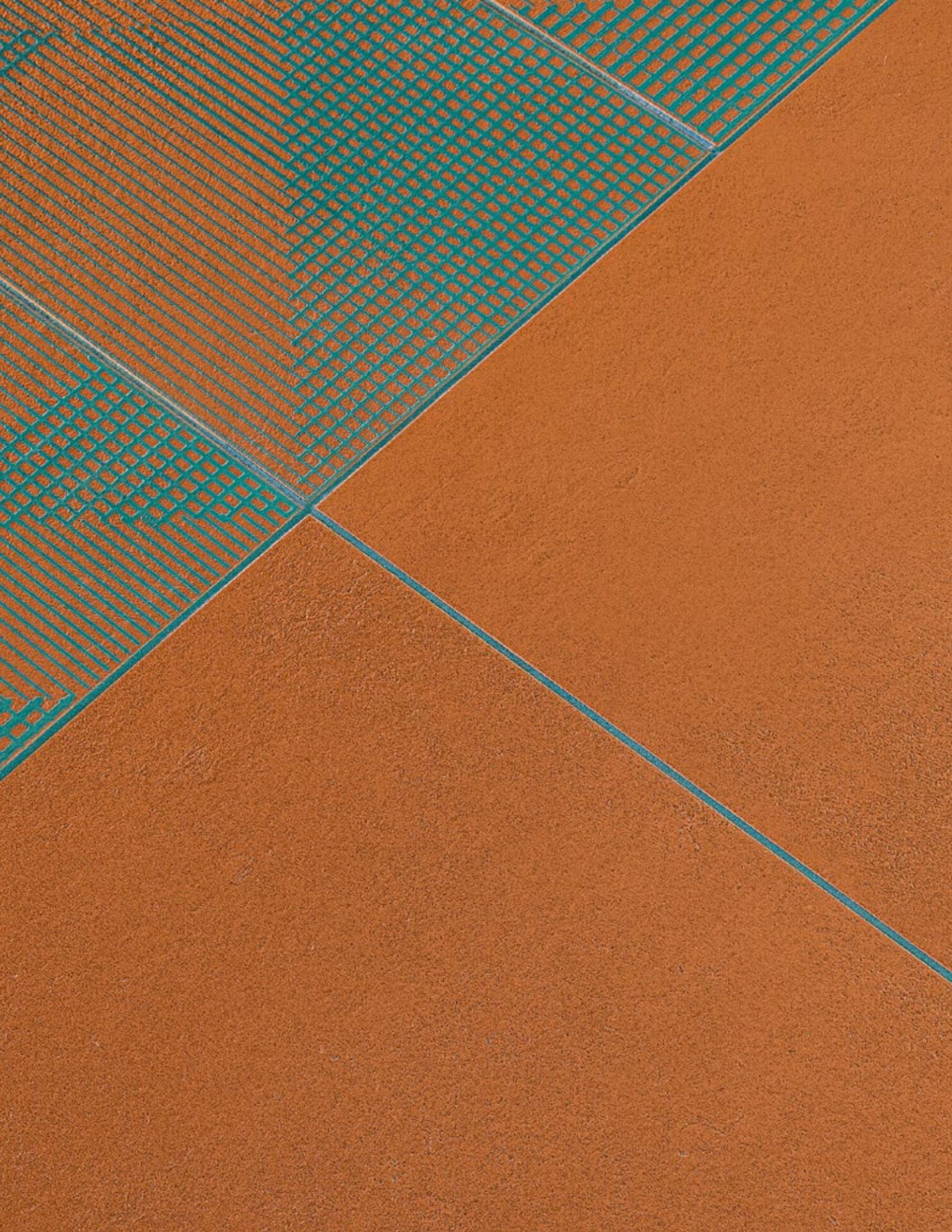
by Patricia Urquiola

Mutina ha deciso di celebrare il grande successo di Déchirer riproponendo l'emblematica collezione in un nuovo formato XL, che permette ai bassorilievi di svilupparsi su una superficie continua. La versione Decor viene quindi realizzata nella dimensione 100x300 cm e presenta tre colorazioni: Gesso, Grafite e Avana. Le lastre vengono realizzate interamente con un impasto di grès porcellanato non smaltato (UGL) nel minor spessore disponibile (3 mm con fibra) e si adattano perfettamente ad essere utilizzate sia a pavimento che a rivestimento, sia in interno che in esterno.

La produzione di Déchirer XL avviene pressando materia pura all'interno di un impianto ceramico di ultima generazione, in questo modo è possibile realizzare strutture su grandi lastre, mantenendo perfettamente definiti i dettagli dei bassorilievi.

Mutina has decided to celebrate the great success of Déchirer by re-proposing the emblematic collection in a new XL size, which allows the bas-reliefs to develop on a continuous surface. The Decor version is made in 100x300 cm size and has three colours: Gesso, Grafite and Avana. The slabs are made entirely with a mixture of unglazed porcelain stoneware (UGL) in the smallest thickness available (3 mm with fiber) and are perfectly suited to be used both on floors and walls, indoor and outdoor. The production of Déchirer XL takes place by pressing pure matter inside a latest-generation ceramic system, so that it is possible to create structures on large slabs, keeping the details of the bas-reliefs perfectly defined.



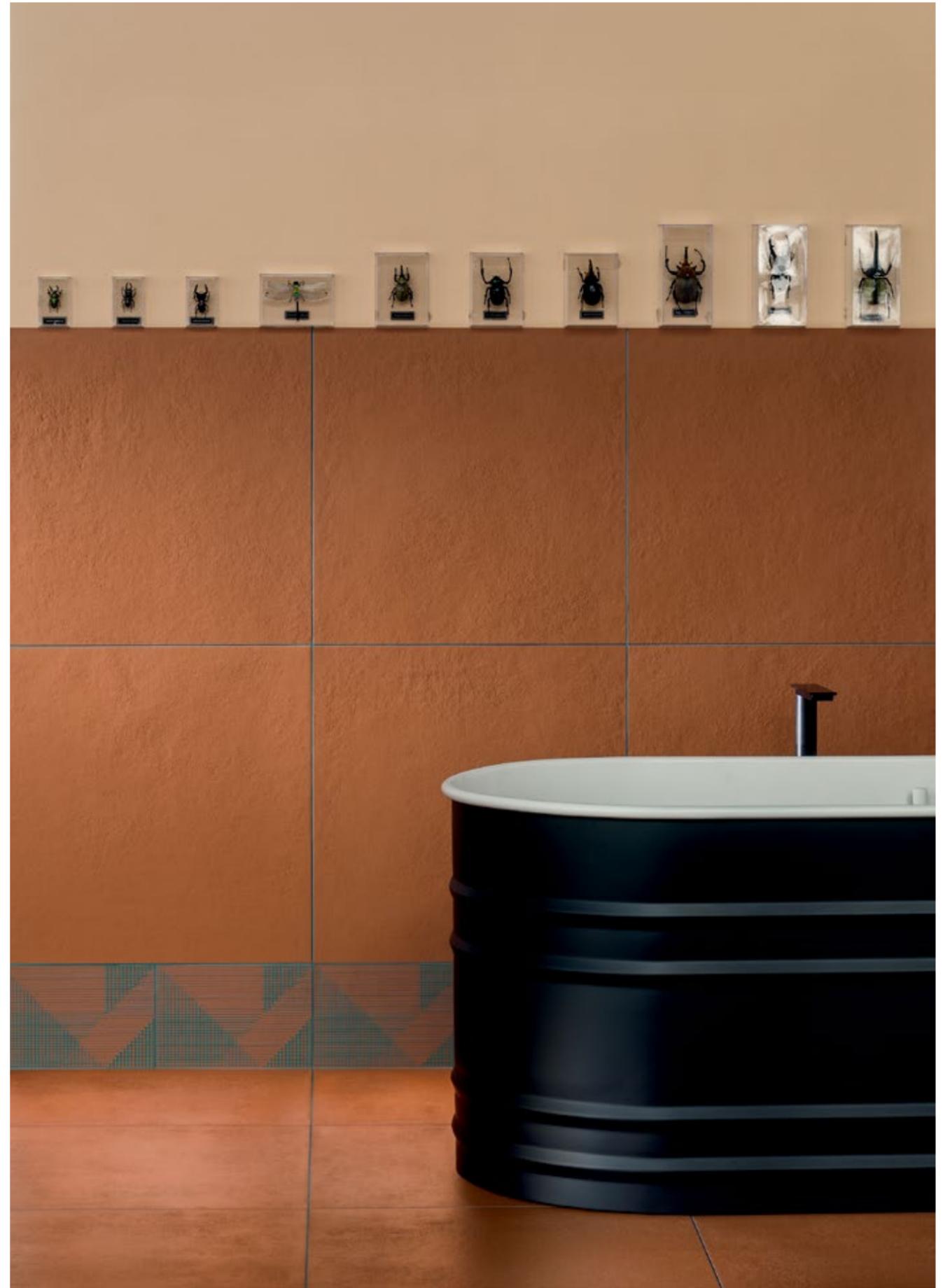


# Tierras

by Patricia Urquiola

Tierras si sviluppa a partire dalla tradizione artigianale mediterranea, concentrandosi sul concetto di sedimentazione per dare vita a una collezione i cui elementi sembrano emergere dalla terra. Una rivisitazione della manifattura tradizionale, dove diversi tipi di lave, terracotta e terre si combinano e miscelano tra di loro, arricchendo e ammorbidendo la base ceramica nera su cui vengono depositate. Realizzata in grès porcellanato non smaltato a impasto omogeneo, con l'ausilio dell'innovativa tecnologia Continua, gli elementi risultano fortemente materici e caratterizzati da una palette di colori naturali ma intensi, profondi, una serie di nuances terrose che vengono saturate dalla base di fondo. A queste viene abbinata una palette di stucchi a contrasto, non vendibili direttamente ma facilmente reperibili sul mercato: una lettura ironica della fuga che consente di reinterpretare gli ambienti in chiave moderna.

Tierras came about from the Mediterranean artisanal tradition and focuses on the concept of sedimentation, in order to create a collection where the elements seem to come from earth. It's a re-interpretation of traditional craftsmanship, where different kind of terracotta and clays combine and mix, enriching and softening the black base of recycled ceramics on which they deposit. Realised in unglazed porcelain stoneware using the innovative Continua technology, the tiles results extremely tactile and the colour palette is characterised by natural yet rich and deep earthy shades, saturated by the black base underneath. These are combined with a series of putties in contrast with the previous nuances, not directly for sale but easily available on the market: an ironic interpretation of the joint that gives the environments a contemporary look.





# Tokujiin Yoshioka

# MY ETERNAL DESIRE IS TO CREATE SOMETHING THAT DOESN'T EXIST.

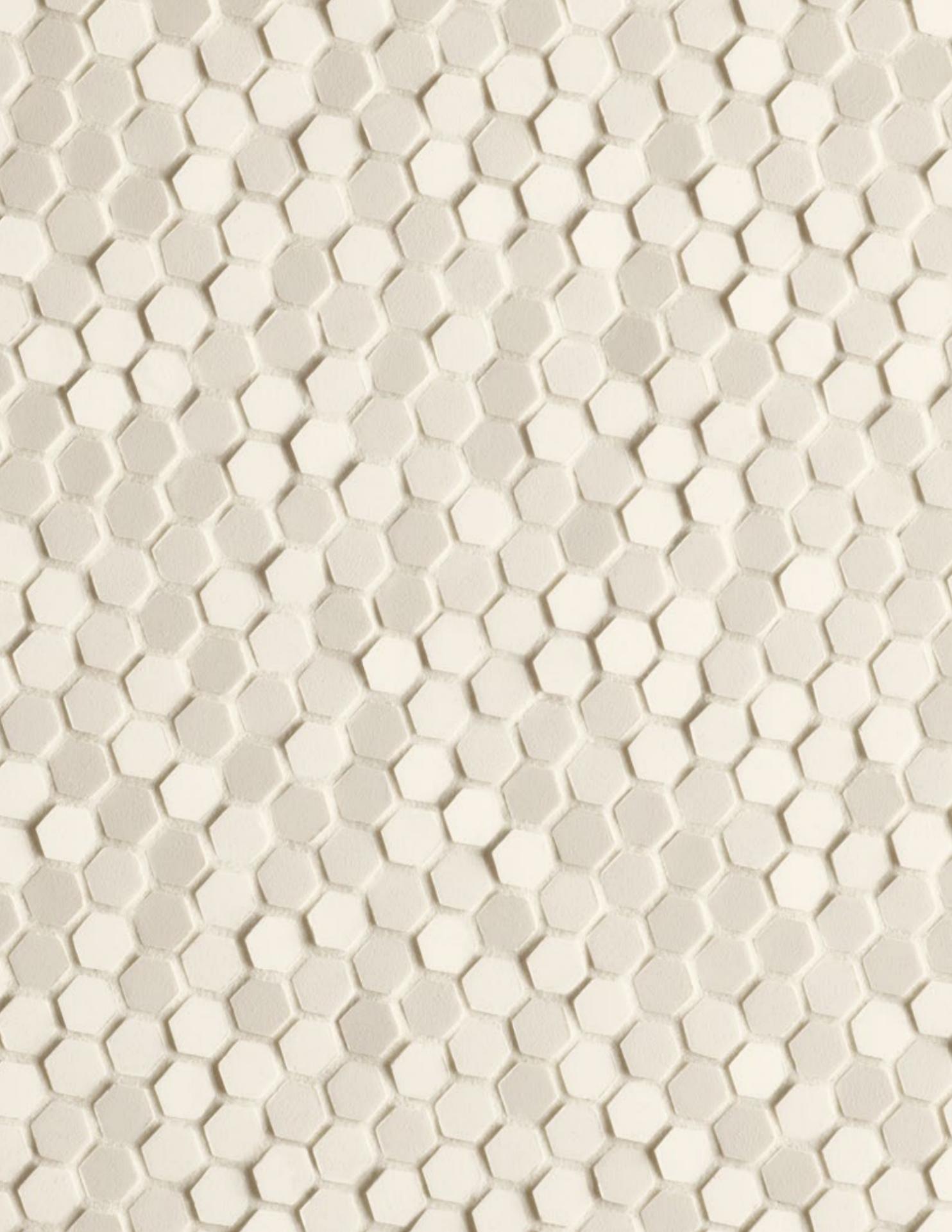


Tokujin Yoshioka, artista e designer giapponese, è entrato a far parte del team Mutina nel 2010. Ha disegnato la serie Phenomenon.

Tokujin Yoshioka nasce in Giappone, dove si forma con Shiro Kuramata e Issey Miyake, per poi aprire il proprio studio nel 2000. Ha collaborato con aziende giapponesi e internazionali come Hermès, Toyota, BMW, Swarovski, Triade, Moroso e Kartell, tra gli altri. La cifra caratteristica del suo approccio creativo è costituita dalla poesia e dalla leggerezza onirica delle sue opere, che nascono da un'attenta e sofisticata ricerca su materiali semplici abbinata alla sperimentazione tecnologica. Alcuni dei suoi pezzi sono esposti al MoMA, al Cooper Hewitt di New York, al Victoria & Albert di Londra e al Vitra Design Museum. Ha vinto diversi premi, tra cui: Design Miami, Designer of the Year 2007, Wallpaper Design Awards 2008 e Elle Decoration International Design Award, Designer of the Year 2009. Grazie alla collezione Phenomenon, disegnata per Mutina, nel 2011 ha ricevuto il Wallpaper Design Award e l'Elle Decoration Design Award.

Japanese artist and designer Tokujin Yoshioka joined the Mutina team in 2010. He designed the Phenomenon collection.

Tokujin Yoshioka was born in Japan, where he trained with Shiro Kuramata and Issey Miyake, and opened his studio in 2000. He collaborated with Japanese and international brands, such as Hermès, Toyota, BMW, Swarovski, Triade, Moroso and Kartell, among others. The signature feature of his creative approach is the poetic and light, dreamlike quality of his work, which stems from attentive and sophisticated selection of simple materials combined with technological experimentation. Some of his works are exhibited at MoMA and Cooper Hewitt (New York), Victoria & Albert (London) and at the Vitra Design Museum. His awards include Design Miami, Designer of the Year 2007, Wallpaper Design Awards 2008 and Elle Decoration International Design Award, Designer of the Year 2009. In 2011 he received the Wallpaper Design Award and the Elle Decoration Design Award for his Phenomenon collection designed for Mutina.

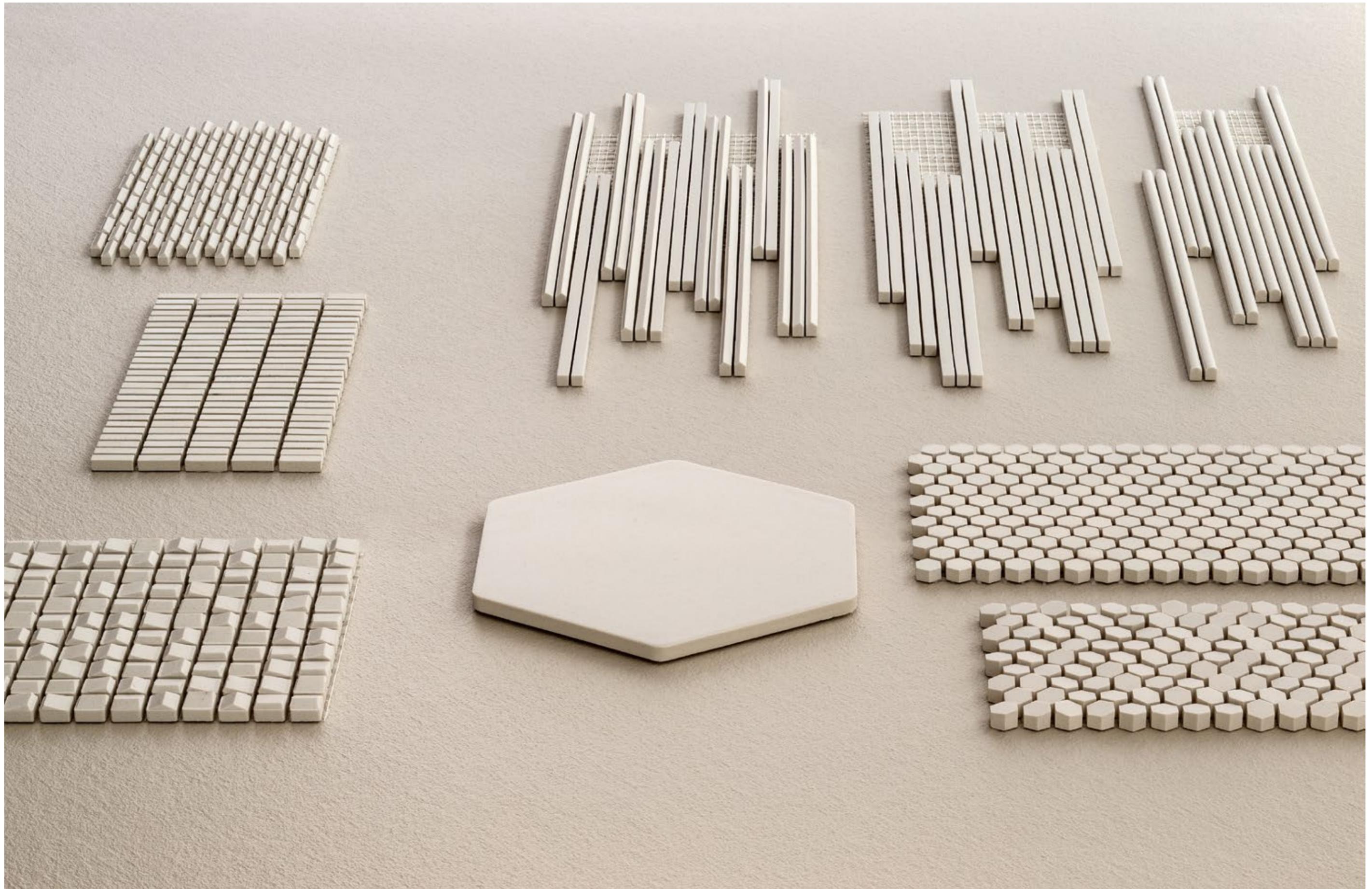


# Phenomenon

by Tokuji Yoshioka

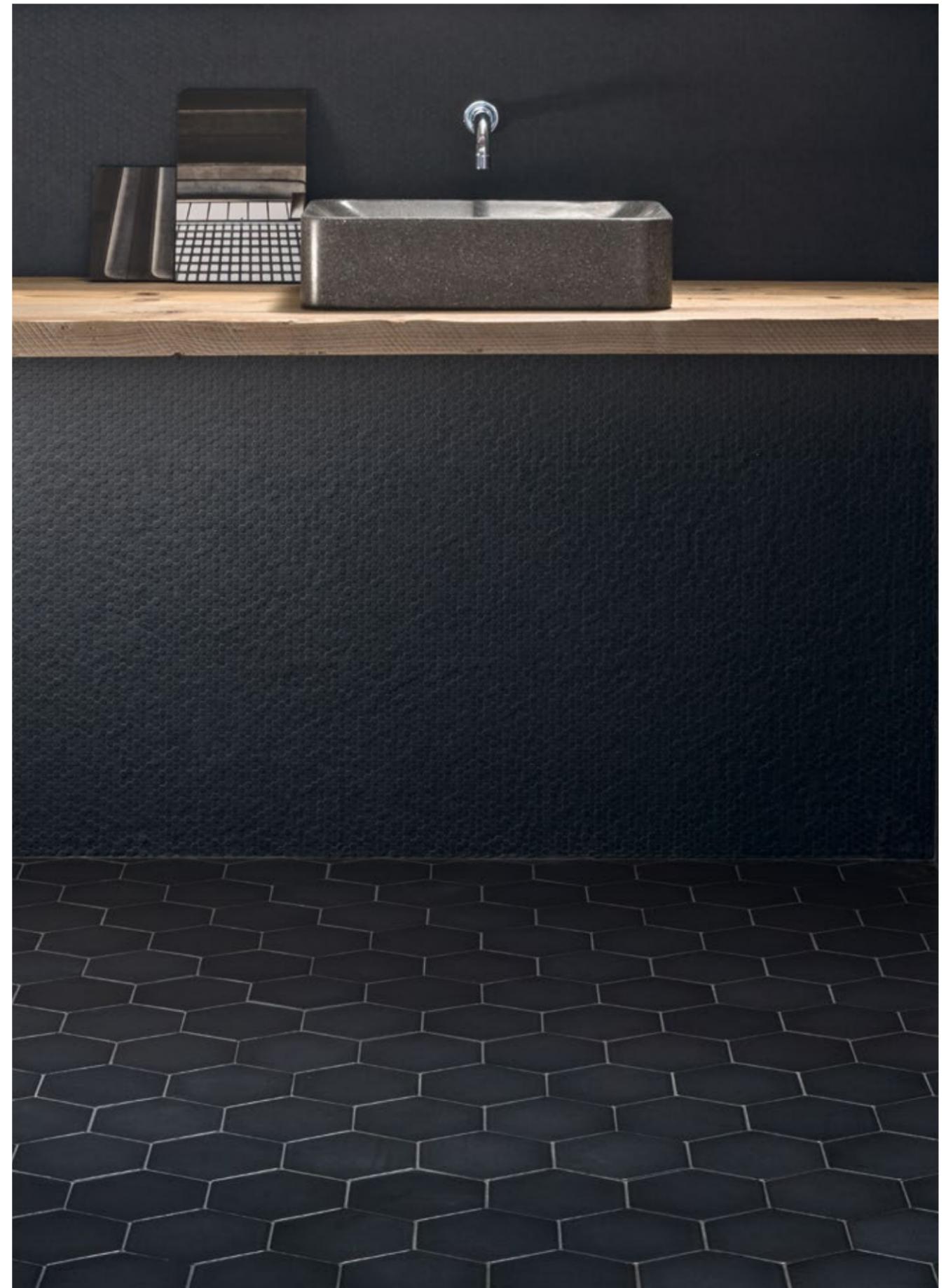
Tokuji Yoshioka in collaborazione con Mutina ha ideato Phenomenon, un progetto ceramico capace di esprimere con originalità le texture derivate dalla natura, non per imitarne l'aspetto, ma per evocarne l'emozione. Una collezione che rimanda alla ricerca, in corso da alcuni anni, del pluriacclamato designer giapponese, sull'interazione dei fenomeni e delle leggi naturali con la sua creatività. Phenomenon integra nella materia ceramica sostanze quasi microscopiche e produce un effetto visivo di profondità e ampiezza sulla superficie. Ricorda diverse espressioni di pattern naturali come il favo delle api, i cristalli di neve, i candelotti di ghiaccio, le cellule delle piante ed evoca memorie di scenari naturali e di esperienze individuali del mondo della natura. Phenomenon con i suoi mosaici Rain A, Rain B, Rain C, Honeycomb A, Honeycomb B, Rock, Wind, Air ed il pavimento/rivestimento Hexagon, è la massima espressione dell'abilità di esperti maestri artigiani italiani. In queste creazioni, tutte in grès porcellanato ed in formato quasi microscopico, ogni elemento viene pressato singolarmente, lavorato con destrezza e precisione da operatori che, con il loro prezioso lavoro, realizzano prodotti di un carattere assolutamente innovativo e nel pieno rispetto per l'ambiente.

Tokuji Yoshioka in collaboration with Mutina created Phenomenon, a ceramic project which is able to express the originality of the texture derived from nature not to mimic its aspect but to awaken the sensation it brings to us. A collection which evokes the research done in the last years by the much-acclaimed Japanese designer, on the interaction of the natural phenomena and laws with his creativity. Phenomenon imbues the ceramic material with virtually microscopic substances and creates a visual effect that affords depth and spaciousness on the surface. It recalls a number of expressions of patterns found in nature, such as honeycombs, snow crystals, icicle formations and plant cells, thus bringing to mind our individual experiences of the natural world. The Phenomenon porcelain stoneware mosaic tiles Rain A, Rain B, Rain C, Honeycomb A, Honeycomb B, Rock, Wind, Air and the floor and wall tile Hexagon represent the finest of modern-day Italian craftsmanship: each element is pressed individually, skillfully and accurately crafted by expert hands that have allowed us to obtain products that are 100% innovative. Peculiarity of the collection is the environmental respect.









# Mutina Team

Ceramica by Silvia Giacobazzi, Flow, Teknomosaico, Teknotessere



# Ceramica

by Silvia Giacobazzi

Ceramica costituisce una proposta raffinata per accompagnare ambienti dallo stile contemporaneo, attraverso eleganti effetti di luce che ammorbidiscono le superfici. Le piastrelle smaltate dal gusto ricercato, sono ottenute per trafilatura e disponibili in formato 5,3x19,8 cm. La collezione presenta un range di nove colorazioni, tra cui bianco, nero e avorio, tre diverse sfumature di grigio e tre terre dai toni speziati: una palette neutra, adatta all'utilizzo in ogni tipo di ambiente.

Al fine di ottenere una maggiore versatilità di impiego, Ceramica è abbinabile ad alcuni elementi della collezione Flow. Dalla loro unione nasce un concept speciale, un mix and match armonioso di elementi dalla texture di matrice industriale e di fattura artigianale, declinati nelle medesime sfumature.

Ceramica is a refined proposal to accompany spaces with a contemporary style, through elegant light effects that soften the surfaces. These elegant glazed tiles are obtained by wire drawing and available in a 5,3x19,8 cm size. The collection has a range of nine colors, including white, black and ivory, three different shades of gray and three spicy earth tones: a neutral palette, suitable for use in any type of environment.

In order to achieve greater versatility of use, Ceramica can be combined with some elements of the Flow collection. A special concept is born out of their union, a harmonious mix and match of elements with an industrial yet artisanal-like texture, declined in the same nuances.







# Flow

by Mutina Team

Flow nasce dall'idea di conservare sulla superficie della materia ceramica le tracce del proprio processo di creazione, dando vita a un prodotto allo stesso tempo sobrio ed elegante, contemporaneo e informale. Un percorso che inizia con l'atto forse più significativo e spettacolare, ovvero il momento della colata negli stampi, da cui derivano la texture e la trama irregolare di questi rivestimenti in formato 30x120 cm e 15x120 cm.

In Flow, l'eterogeneità diventa valore aggiunto attraverso la riproduzione di giochi di luce che catturano lo sguardo, invitandolo a ripercorrere i flussi e la circolarità riprodotte sulle superfici ceramiche, recuperandone l'imprinting originario. La palette cromatica gioca su una gamma di naturali che accoglie toni di grigio, avorio ed écru. Grazie alle caratteristiche estetiche e tecniche, la collezione è adatta alla posa su pavimenti e rivestimenti, sia interni che esterni.

Flow is born from the idea of preserving the traces of the creation process on the surface of the ceramic material, creating a product that is at once sober and elegant, contemporary and informal. A path that begins with perhaps the most significant and spectacular act, that is the moment of casting in the molds, from which the texture and the irregular weft of these coverings in 30x120 cm and 15x120 cm sizes derives.

Heterogeneity becomes added value in Flow by reproducing plays of light that catch the eye, inviting it to retrace the flows and circularity reproduced on the ceramic surfaces, recovering their original imprinting. The colour palette plays with precious natural shades of gray, ivory and écru. Thanks to its aesthetic and technical characteristics, the collection is suitable for floors and walls coverings, both indoors and outdoors.







# Teknomosaico

by Mutina Team

Teknomosaico mette in relazione un'estetica contemporanea con una tecnica antica come quella del mosaico, dando così vita a una collezione dal gusto minimal che si sposa perfettamente agli interni più moderni. Gli elementi vengono prodotti in formato 2 x 10 cm in grès porcellanato e presentano una palette dai colori neutri e di tendenza: bianco, cemento, cenere, fango e nero. Grazie alle linee semplici e alle nuance naturali, Teknomosaico è facilmente abbinabile ad altre collezioni Mutina. In questo modo vengono massimizzate le possibilità di personalizzazione in fase di progettazione degli ambienti, che acquistano così un carattere innovativo e originale.

Teknomosaico combines an ancient mosaic technique with a contemporary aesthetic, creating a tiles collection with a minimal touch that perfectly fits to modern interiors. The tiles of 2 x 10 cm are produced in white porcelain stoneware and present a neutral and contemporary colour range: bianco, cemento, cenere, fango and nero. Due to the simple lines and natural nuances, Teknomosaico can be easily combined with other Mutina collections. Allowing for personal creativity while designing environments, giving them an innovative and original character.



# Teknotessere

by Mutina Team

Teknotessere rappresenta la contemporaneità e la semplicità, sotto forma di elemento ceramico. La collezione si compone di piccole piastrelle della dimensione di 1 x 1 cm, geometricamente rigorose ed essenziali, che si diramano in cinque nuance sobrie e raffinate: bianco, cemento, cenere, nero e fango. Il minimalismo che caratterizza i suoi elementi, permette di combinare Teknotessere ad altre collezioni Mutina all'interno di uno stesso ambiente, creando atmosfere sempre uniche e inedite.

Teknotessere represents modernity and simplicity, in the form of ceramic elements. The collection is made of small 1 x 1 cm tiles, geometric and essential, in five sober and refined colours: bianco, cemento, cenere, nero and fango. The minimalism of Teknotessere allows for it to be easily complimented with other Mutina collections in the same environment, thus creating unique and unprecedented atmospheres.



# OEO Studio

# WE WANT DESIGN TO EMBRACE PEOPLE.



La collaborazione tra OEO Studio e il team Mutina è iniziata nel 2018, con lo sviluppo di Accents: collezione di elementi architettonici, complementi d'arredo e pitture che affiancano le ceramiche del brand.

Fondato nel 2003 a Copenhagen da Thomas Lykke e Anne-Marie Buemann, OEO Studio si distingue per le proprie doti eclettiche e la forte connessione tra design e artigianato. Qualità che, combinate allo sguardo sempre rivolto al contesto internazionale e alla forte capacità di intuire le necessità del cliente, diventano essenziali nella realizzazione di progetti di architettura d'interni, design di prodotto e brand innovation.

The collaboration between OEO Studio and Mutina team started in 2018, developing Accents: a collection of architectural elements, complementary products and paints, accompanying the ceramics of the brand.

Founded in 2003 by Thomas Lykke and Anne-Marie Buemann, the Copenhagen-based OEO Studio stands out for its eclecticism and strong passion for design and craft. These qualities, combined with a global outlook and the great ability to intuit the client's needs, become fundamental to realise interior architecture, product design and brand innovation projects.



# Accents

by OEO Studio

Una collezione di elementi in legno e metallo, complementi d'arredo e pitture, progettati appositamente per accompagnare le piastrelle Mutina e rifinire qualsiasi tipo di interno.

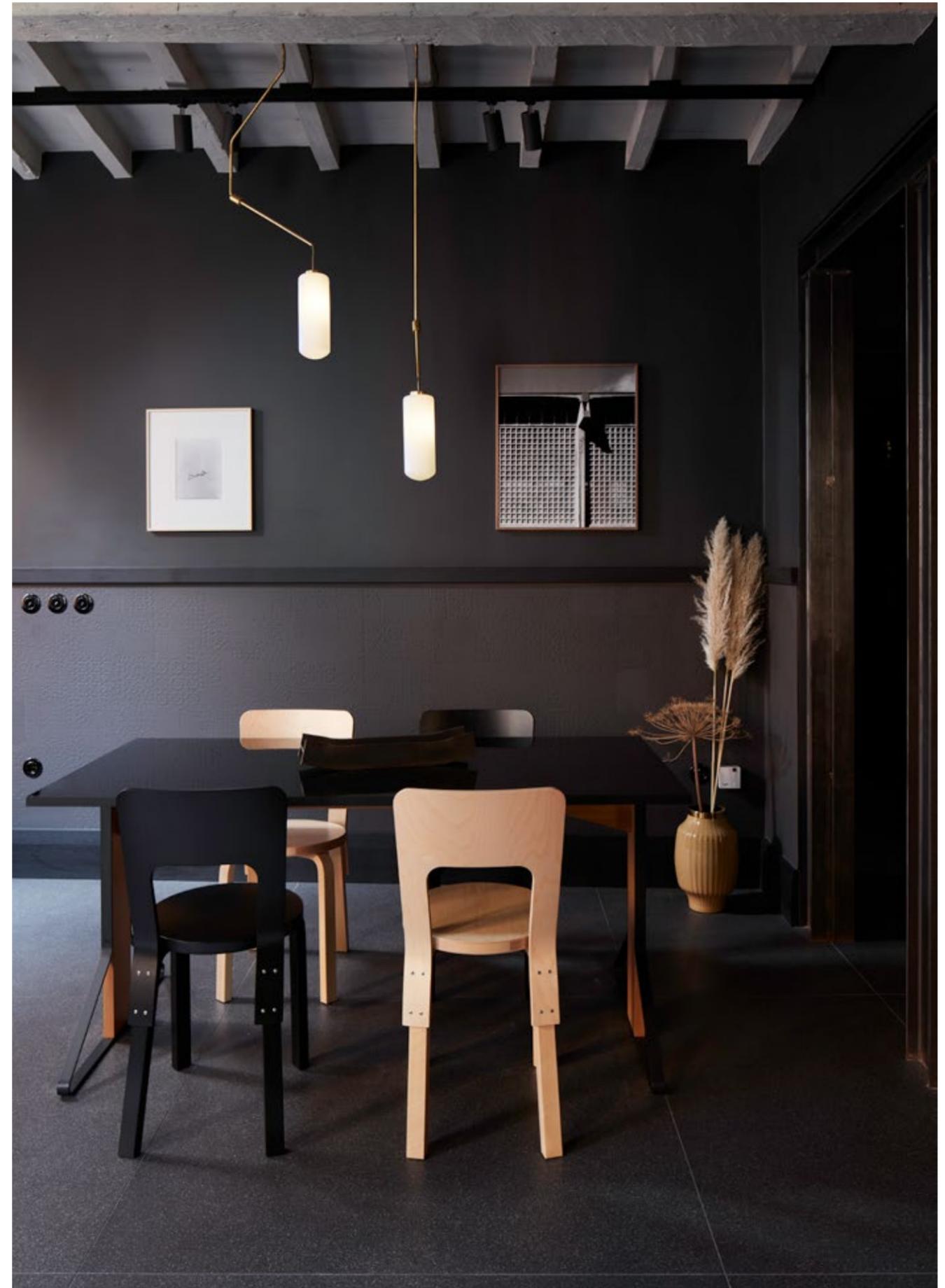
A collection of wooden and metal elements, furnishings and paints designed specifically to pair with Mutina tiles and finish any kind of interior.

Espressione tangibile di una visione creativa e lifestyle applicata al mondo dell'architettura d'interni, Accents introduce un universo di prodotti complementari di alta qualità disegnati da OEO Studio, che incorniciano e valorizzano lo spirito dei rivestimenti ceramici Mutina. Materiali del tutto nuovi, quali il legno e il metallo, e straordinarie pitture vengono così affiancati alle collezioni del brand attraverso un gioco di colori ed elementi architettonici in armonia con lo spirito dell'azienda. Grazie a un costante dialogo tra minimalismo e vivacità, un gioco di contrasti, tattilità e sfumature, Accents si traduce in infinite possibilità di combinazione: una gamma di pitture che si declinano in 20 varietà cromatiche con differenti finiture, 8 elementi d'arredo dalla grande versatilità e un range di 4 elementi architettonici che include boiserie, battiscopa ed elementi divisori.

Accents is the tangible expression of a creative vision and a lifestyle applied to the world of interior design, and is now introducing a universe of high-quality complementary products designed by OEO Studio, that create around and enhance the spirit of Mutina's ceramic tiles. Totally new materials such as wood and metal, along with paints, are thus placed side-by-side the collections of the brand, with the exciting use of colours and architectural elements that match the company's own spirit. Thanks to a constant dialogue between minimalism and vitality, in a mixture of contrasts, textures and nuances, Accents offers an infinite number of possible combinations: a variety of paints available in 20 colours with different finishes, 8 extremely versatile furnishing accessories and a range of 4 architectural elements including panelling, skirting boards and space-dividing elements.



Wall: Phenomenon Honeycomb B Bianco, Accents Wood Skirting L Light Oak.  
Floor: Primavera Grigio 120x120.



Wall: Déchirer XL Graphite, Accents Wood Skirting L Dark Oak, Rectangular Skirting Dark Oak.  
Accents Paint: Matt Coal. Floor: Cover Base Nero 120x120.





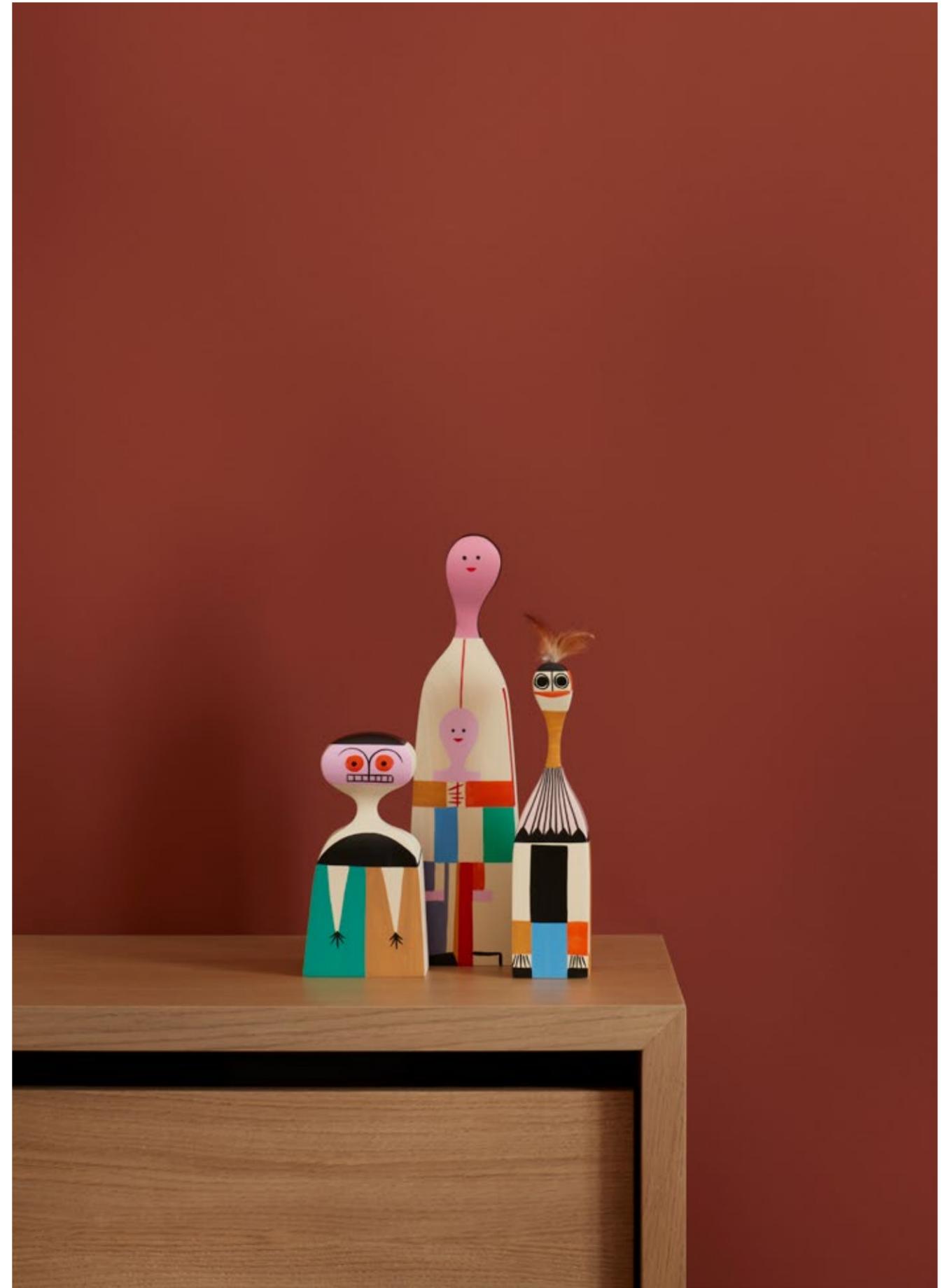
Wall: Accents Wood Skirting L Dark Oak, Wall Panel h100 Dark Oak, Rectangular Skirting Dark Oak. Accents Paint: Matt Coal. Floor: Cover Base Nero 120x120.



Wall: Accents Wood Skirting S Dark Oak, Skirting S Dark Oak. Numi Horizon A+B 30x30. Accents Paint: Matt Limestone. Floor: Mews Pigeon 11x11.



Wall: Accents Wood Rectangular Skirting Light Oak.  
Accents Paint: Matt Limestone. Floor: Piano Blanc Bleu Vert.



Accents Paint: Matt Earth.

# Technical Features

L'obiettivo di Mutina è unire tecnologia e artigianalità, attraverso sperimentazioni che trascendano i limiti della materia, portando avanti una ricerca specifica su innovazione e sostenibilità per garantire un prodotto di alta qualità. Lavorare preservando l'ambiente è di estrema importanza per Mutina. Per questo durante i processi produttivi si sperimentano tecniche sempre più avanzate che consentano da una parte un notevole risparmio energetico e l'abbattimento del consumo di acqua, dall'altra l'incremento, ove possibile, dell'utilizzo di materie prime riciclate. Inoltre, tutte le collezioni Mutina sono prive di V.O.C. (Volatile Organic Compounds), la cui esposizione rischierebbe di provocare effetti cronici e acuti alla salute.

Mutina's aim is to combine technology with craftsmanship skill, through experiments which transcend the limits of the material and by conducting focused research into innovation and sustainability in order to guarantee a top-quality product. Working to preserve the environment is extremely important for Mutina. This is why, during production processes, we experiment with increasingly advanced techniques that allow for both significant savings on energy and water consumption, and an increase, if possible, in the use of recycled raw materials. In addition, all Mutina collections are free from V.O.C. (Volatile Organic Compounds), which may cause both acute and chronic effects on health.

# Accents Wood

Accents aims at redefining the approach to the world of interior design starting from surfaces.

collection	Accents
design	OEO Studio
material	Wood



**WALL PANEL CORNER 100**  
Light oak  
1,5 x 10 x 100 (H) cm



**WALL PANEL CORNER 160**  
Light oak  
1,5 x 10 x 160 (H) cm



**WALL PANEL CORNER 100**  
Dark oak  
1,5 x 10 x 100 (H) cm



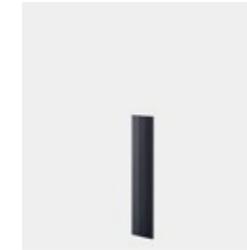
**WALL PANEL CORNER 160**  
Dark oak  
1,5 x 10 x 160 (H) cm



**WALL PANEL 100**  
Light oak  
2 x 19,8 x 100 (H) cm



**WALL PANEL 160**  
Light oak  
2 x 19,8 x 160 (H) cm



**WALL PANEL 100**  
Dark oak  
2 x 19,8 x 100 (H) cm



**WALL PANEL 160**  
Dark oak  
2 x 19,8 x 160 (H) cm



**END PIECE S**  
Black painted metal on light oak  
3 x 6 (H) x 0,2 (L) cm



**END PIECE S**  
Black painted metal on dark oak  
3 x 6 (H) x 0,2 (L) cm



**SKIRTING S**  
Light oak  
3 x 6 (H) x 240 (L) cm



**SKIRTING S**  
Dark oak  
3 x 6 (H) x 240 (L) cm



**END PIECE L**  
Black painted metal on light oak  
2,5 x 19,8 (H) x 0,2 (L) cm



**END PIECE L**  
Black painted metal on dark oak  
2,5 x 19,8 (H) x 0,2 (L) cm



**SKIRTING L**  
Light oak  
2,5 x 19,8 (H) x 240 (L) cm



**SKIRTING L**  
Dark oak  
2,5 x 19,8 (H) x 240 (L) cm



**END PIECE RECTANGULAR**  
Black painted metal on dark oak  
2,5 x 6 (H) x 0,2 (L) cm



**END PIECE RECTANGULAR**  
Black painted metal on light oak  
2,5 x 6 (H) x 0,2 (L) cm



**RECTANGULAR SKIRTING**  
Light oak  
2,5 x 6 (H) x 240 (L) cm



**RECTANGULAR SKIRTING**  
Dark oak  
2,5 x 6 (H) x 240 (L) cm

# Accents Paints

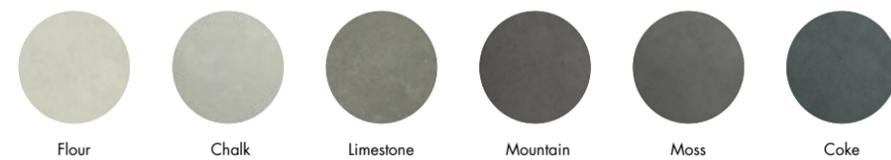
Accents aims at redefining the approach to the world of interior design starting from surfaces.

collection	Accents
design	OEO Studio
material	Paints

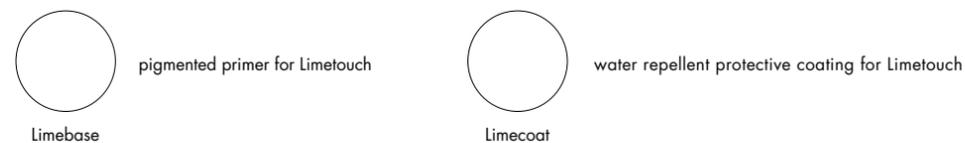
## 20 colors **MATT** super matt water-based paint **SATIN** wall gloss super washable emulsion



## 6 colors **LIMETOUGH** colored lime-based decorative coating



### LIMETOUGH complementary products



## Uses and yields

	DESCRIPTION		YIELD*	DILUTION	IDEAL USE*
<b>MATT</b>	super matt water-based paint	new wall, civil plaster	7÷8 sqm/l in two coats	50% drinkable water for light colors 20-25% for strong colors	interior walls, especially living areas and bedrooms
		new wall, gypsum plaster	9÷13 sqm/l in two coats		
<b>SATIN</b>	wall gloss 100% washable emulsion		9÷11 sqm/l in two coats	20-25 % drinkable water	interior walls, especially when subject to abrasion or dirt (bathrooms, kitchen,...)
<b>LIMETOUGH</b>	colored lime-based decorative coating		1÷1,5 kg/sqm in two coats	-	Interior walls, especially ventilated environments (the usage in bathroom and kitchen is recommended only pairing with Limecoat)
<b>LIMEBASE</b>	pigmented primer for Limetouch		14÷18 sqm/l in one coat	50-80 % drinkable water	Interior walls when Limetouch has to be applied
<b>LIMECOAT</b>	water repellent protective coating for Limetouch		11÷13 sqm/l in two coats	-	Interior walls of humid environments when subject to dirt such as bathrooms or kitchens, when Limetouch is applied.

\*considering that the conditions of the substrate can significantly influence the yield, to calculate the yield in an optimal way it is advisable to consider the lowest value

\*avoid direct contact with beating water (e.g. shower enclosure walls)

# Accents Accessories

Accents aims at redefining the approach to the world of interior design starting from surfaces.

collection	Accents
design	OEO Studio
material	Mixed materials



**CABINET LARGE**  
Dark oak + Vegetable tanned leather  
14,7 x 48 x 40,5 (H) cm



**CABINET LARGE**  
Light oak + Vegetable tanned leather  
14,7 x 48 x 40,5 (H) cm



**CABINET SMALL**  
Dark oak + Vegetable tanned leather  
14,7 x 48 x 17,5 (H) cm



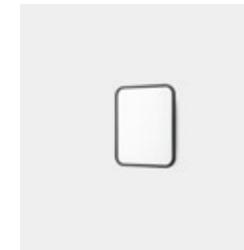
**CABINET SMALL**  
Light oak + Vegetable tanned leather  
14,7 x 48 x 17,5 (H) cm



**MIRROR LARGE**  
Dark oak  
2 x 62 x 142 (H) cm



**MIRROR LARGE**  
Light oak  
2 x 62 x 142 (H) cm



**MIRROR SMALL**  
Dark oak  
2 x 42 x 50 (H) cm



**MIRROR SMALL**  
Light oak  
2 x 42 x 50 (H) cm



**RACK 72**  
Dark oak  
2,5 x 6 (H) x 72 (L) cm



**RACK 72**  
Light oak  
2,5 x 6 (H) x 72 (L) cm



**RACK 192**  
Dark oak  
2,5 x 6 (H) x 192 (L) cm



**RACK 192**  
Light oak  
2,5 x 6 (H) x 192 (L) cm



**SHELF SMALL**  
Dark oak  
2,5 x 23 x 60 (L) cm



**SHELF SMALL**  
Light oak  
2,5 x 23 x 60 (L) cm



**SHELF LARGE**  
Dark oak  
2,5 x 23 x 120 (L) cm



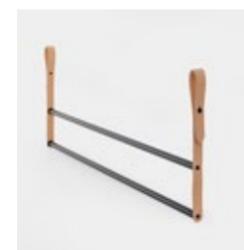
**SHELF LARGE**  
Light oak  
2,5 x 23 x 120 (L) cm



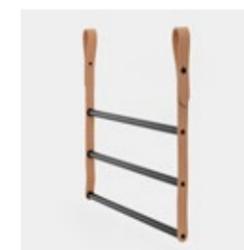
**SCREEN**  
Dark oak  
2,8 x 80 x 210 (H min) – 315 (H max) cm



**SCREEN**  
Light oak  
2,8 x 80 x 210 (H min) – 315 (H max) cm



**TOWEL RACK LARGE**  
Black metal + Vegetable tanned leather  
40,5 (H) cm x 95 (L) cm

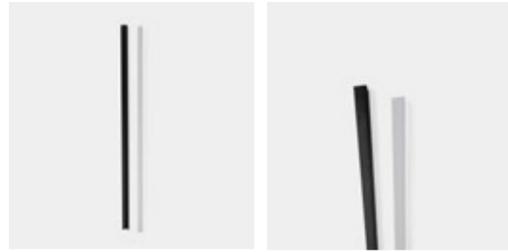


**TOWEL RACK TALL**  
Black metal + Vegetable tanned leather  
53,4 (H) cm x 47 (L) cm

# Accents Metal

Accents aims at redefining the approach to the world of interior design starting from surfaces.

collection	Accents
design	OEO Studio
material	Metal



**L PROFILE HORIZONTAL**  
Aluminium profile powder coating  
2,5 x 2,5 x 100 (L) cm



**L PROFILE CORNER**  
Aluminium profile powder coating  
2,5 x 2,5 x 100 (L) cm

finishing



Grey (RAL 7047)

Black (RAL 9004)

# Azulej

collection	Azulej
design	Patricia Urquiola, 2012
production	Industrial
material	Rectified porcelain stoneware with digital printing glazing
thickness	10 mm
nominal sizes	20-20 cm (8"-8")
specification	<ul style="list-style-type: none"> <li>- 3 base colors: Bianco, Grigio, Nero.</li> <li>- 27 registered graphic patterns.</li> <li>- All the 27 different patterns are created to compose a combination, not individually on sale.</li> <li>- 9 individual patterns for each base color have been selected to be individually used.</li> <li>- Digital printing technology with 4 different textures layers on the tile's surface.</li> </ul>
complementary pieces	Skirting
awards	Wallpaper Design Award 2013, Interior Innovation Award 2014
category	UNI EN 14411 App G (BIA group) GL



## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout/epoxy grout.
cleaning at the end of installation	<p><b>CEMENT-BASED GROUT:</b> Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water.</p> <p><b>EPOXY GROUT:</b> Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad.</p> <p><b>SILICONE:</b> Solvent for silicone (e.g. FILA ZERO SIL). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite.</p> <p><b>PAINT:</b> Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable.</p> <p><b>RUST:</b> stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.</p>
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	196,3 mm x 196,3 mm

## Colors

### BIANCO



### GRIGIO



### NERO



## Technical features

STANDARD	FEATURES	VALUE REQUIRED	AZULEJ
ISO 10545/3 ASTM C373	water absorption	< 0,5% < 0,5%	0,04% 0,04%
ISO 10545/4	breaking strength	Sp> 7,5 min 1300	resistant
EN 101	surface hardness (scala mohs)	> 5	6
ISO 10545/9 ASTM C484	resistance to thermal shock	no visible alteration no samples must show visible defects	resistant unaffected
ISO 10545/12 ASTM C1026	frost resistance	no visible alteration unaffected	resistant unaffected
ISO 10545/13 ASTM C650	resistance to chemical attacks	no visible alteration	resistant unaffected
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R9
DIN 51097		-	-
DCOF		> 0,42	0,62
B.C.R.		-	0,52
LEED CERTIFICATION 4.1			8,6% Bianco - 15,8% Grigio - 15,8% Nero
ENVIRONMENTAL MANAGEMENT SYSTEM ISO 14001 : 2004			
VOC EMISSION			available upon request
DECLARATION OF CONTENTS			available upon request
SDS			available upon request
EPD			available upon request
BPD3			available upon request
HPD			available upon request

## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
20-20 cm	25	24	0,96	72	20,95	1508,00	69,12
pattern 20-20 cm	25	24	0,96	72	20,95	1508,00	69,12
combination 20-20 cm	25	27	1,08	48	23,45	1126,00	51,84
skirting 4,7-20 cm	-	10	2,00 ml	-	2,15	-	-

# Bas-Relief

collection	Bas-Relief
design	Patricia Urquiola, 2010
production	Artisanal
material	Porcelain clays artisanally extruded.
feature	Colours, shade and size variations are intrinsic properties of this hand made product. In order to make grouting easier, a protective silicone film has been applied on each piece. Remove it before the final cleansing.
thickness	9 mm
nominal sizes	PATCHWORK, GARLAND, CLOUD: 18.54 cm (7"·21") CODE: 26,5·18 cm (10,55"·7")
specification	<p>– Handmade collection, manufactured by extrusion and hand cut. The theme of the bas-relief is proposed with several versions and depths.</p> <p>– Composed by 3 patterns just for walls in size 18.54 cm and by a floor base in the size 26, 5·18 cm, Bas-Relief is declined in natural and neutral shades, applied in an innovative way. CODE: the texture is austere and refined. The severity is expressed through the movement which repeats itself on the surface as a code. PATCHWORK: the raised and overlapped details of the patchwork pattern create a design, which is constantly evolving and never repetitive. GARLAND: the flower element is revised with a contemporary and digital attitude.</p> <p>– The finishing of the surface reaches different depths and heights, which create an articulated "chiaroscuro" effect. CLOUD: this airy and light pattern captures the air bubbles on the surface and fixes them in an abstract and constant design. In order to make grouting easier, a protective silicone film has been applied on each piece to be removed after installation. The slight differences in the pattern among the pieces are intentional to obtain a never repetitive laying effect.</p>
patents	Registered design n° 001912999-0011 – date of registration: 06/09/2011 Registered design n° 001913062-004 – date of registration: 06/09/2011
category	UNI EN 14411 App A (AI group) UGL

## WALLS



18.54 cm  
7"·21"



Patchwork



Garland



Cloud

## WALLS + FLOORS



26,5·18 cm  
10,55"·7"



Code

## Laying and maintenance tips

use	Code: Floor, wall – indoor, outdoor. Patchwork, Garland, Cloud: wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	NON-RAPID-DRYING adhesive for porcelain stoneware to make it easier to fix the pieces.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout/Epoxy grout. After grouting, remove the protective film and finish the joints with a sponge and clean water.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	The product is artisanal and hand made, thus each tile has a tolerance of +/- 2 mm.

## Colors



Cloud bianco



Garland bianco



Patchwork bianco



Code bianco



grout: bianco 50



Cloud cipria



Garland cipria



Patchwork cipria



Code cipria



grout: ecrù 52



Cloud nero



Garland nero



Patchwork nero



Code nero



grout: nero 06

## Technical features

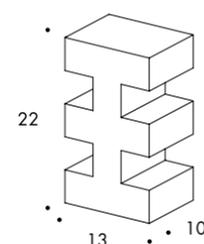
STANDARD	FEATURES	VALUE REQUIRED	BAS-RELIEF
ISO 10545/3	water absorption	$E \leq 3\%$	0,07%
ASTM C373			0,07%
ISO 10545/4	breaking strength	$Sp > 7,5$ min 1300	resistant
ISO 10545/6	resistance to deep abrasion	275 mm <sup>3</sup> max	274,4 mm <sup>3</sup>
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		unaffected	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650		unaffected	unaffected
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130 - 04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R11
DIN 51097			
DCOF		> 0,42	0,56

## Packing

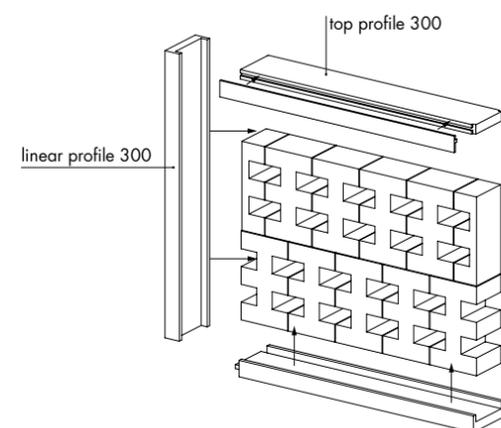
SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
18-54 cm	10,29	10	0,97	45	19,45	875,00	43,65
26,5-18 cm	20,96	20	0,95	45	18,75	844,00	42,75

# Brac

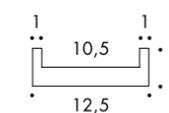
collection	Brac
design	Nathalie Du Pasquier, 2019
production	Artisanal
material	Extruded terracotta
thickness	10 cm
nominal sizes	13x22x10 cm
specification	Artisanal extruded partition elements, 10cm thick. 5 colours: Argilla (natural finishing), Bianco, Salvia, Marrone, Nero (glossy painted finishing) 3 different laying patterns are possible (see attached document).  This product is suitable for both residential and commercial areas, to be installed in walls with height of 4mt. These elements must in any case comply with the technical standards of construction regulation, applicable in the country where they are installed. For the Italian national territory, in particular, they should comply with standard NTC 2018 DECRETO MIN 27/01. In order to achieve an optimal aesthetic outcome we advise to install BRAC using our wooden profile. The profile is painted and suitable for outdoor use. A top profile with removable sides is provided for ceiling fixing. As complementary pieces Mutina provide the Mutina sealant, EC 1 plus for VOC emissions. For installation process see the installation video available on <a href="http://www.mutina.it">www.mutina.it</a> for Celosia (soon available for BRAC and anyway same procedure)  The product is suitable for indoor and outdoor areas complying with UNI EN 772-22 marked "F1-moderate exposure"
patents	Registered design n° 007510870-0041/0044 – date of registration: 14/01/2020
category	UNI 11128/2004



complementary pieces

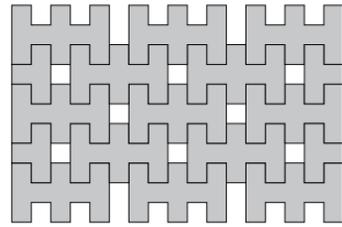


section

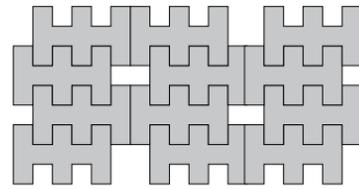


To make the installation of these items easier, a Mutina sealant is now available: an organic and eco-friendly sealing material, which is sold separately.

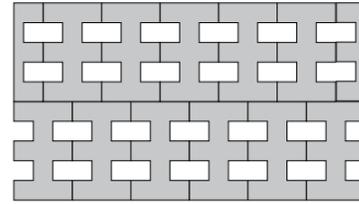
## laying scheme



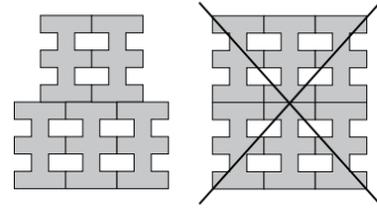
laying scheme 1  
42 pcs / sqm



laying scheme 2  
42 pcs / sqm



laying scheme 3  
35 pcs / sqm



For security reasons only staggered installation is strictly allowed.

## Laying and maintenance tips

use	Wall – indoor, outdoor.
installation	For security reasons only staggered installation is strictly allowed.
recommended adhesive	Mutina sealant: solvents-free, eco-friendly organic sealant.
recommended joints	–
recommended fillers	–
cleaning at the end of installation	Avoid drippings during installation. If needed the excess can be removed after the product has dried, using a tool with a sharp edge.
general cleaning (installed tiles)	–
calibers (real size)	13 x 22 x 10 cm with 1-3 mm tolerance (artisanal product)

## Colors



Argilla



Bianco



Nero



Salvia



Marrone

## Technical features

Artisanal extruded partition elements, 10cm thick. These elements must in any case comply with the technical standards of construction regulation, applicable in the country where they are installed. For the Italian national territory, in particular, they should comply with standard NTC 2018 DECRETO MIN 27/01. This product is suitable for both residential and commercial areas, to be installed in walls with a maximum height of 4mt. In order to achieve an optimal aesthetic outcome we advise to install Brac using our wooden profile. A top profile with removable sides is provided for ceiling fixing. The product is suitable for indoor and outdoor areas complying with UNI EN 772-22 marked "F1 - moderate exposure".

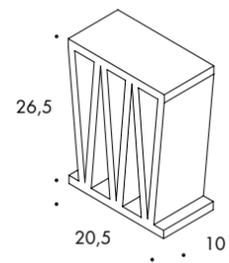
STANDARD	FEATURES	VALUE REQUIRED	BRAC
UNI EN 772-16	dimensions	to declare	T2-R2
UNI EN 772-21	water absorption	to declare	12,5%
UNI EN 772-5	soluble salts content	to declare	S2
UNI EN 772-22	freeze-thaw resistance	to declare	F1
D.M. 1401/2008	determination of variable horizontal loads	to declare	C2
Leed 4.1			10%
VOC Emission			available upon request
Declaration of Contents			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-PAL	PCS-PAL	KG-PC	KG-PAL
22-13-10 cm argilla		–	1,35	48	3,70	177,60
22-13-10 cm bianco,nero,salvia,marrone		3	4,06	48	3,70	532,80
Scheme 1	42					
Scheme 2	42					
Scheme 3	35					

# Celosia

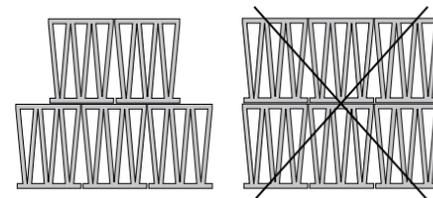
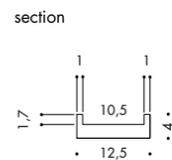
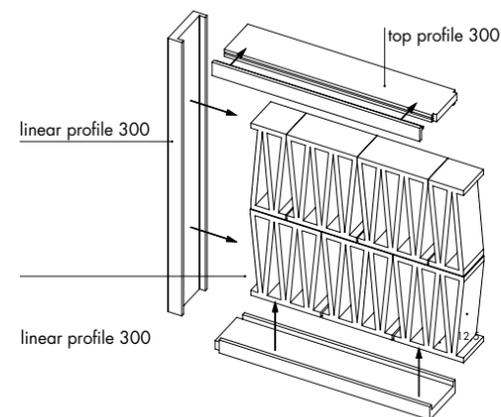
collection	Celosia
design	Patricia Urquiola, 2018
production	Artisanal
material	Extruded terracotta
nominal sizes	20,5-26,5-10 cm (8"-10"-4")
specification	<ul style="list-style-type: none"> <li>- Artisanal extruded partition elements, 10cm thick.</li> <li>- This product is suitable for both residential and commercial areas, to be installed in walls with a maximum height of 4mt. These elements must in any case comply with the technical standards of construction regulation, applicable in the country where they are installed. For the Italian national territory, in particular, they should comply with standard NTC 2018 DECRETO MIN 27/01.</li> <li>- In order to achieve an optimal aesthetic outcome we advise to install Celosia using our wooden profile. The profile is painted and suitable for outdoor use. A top profile with removable sides is provided for ceiling fixing.</li> <li>- As complementary pieces Mutina provide the Mutina sealant, EC 1 plus for VOC emissions.</li> <li>- For installation process see the installation video available on <a href="http://www.mutina.it">www.mutina.it</a></li> <li>- The product is suitable for indoor and outdoor areas complying with UNI EN 772-22 marked "F1-moderate exposure".</li> </ul>
complementary pieces	Linear profile 300, top profile 300.
awards	Interior Design's Best of Year 2018 German Design Awards 2020
category	UNI 11128/2004



20,5-26,5-10 cm  
8"-10"-4"

## complementary pieces

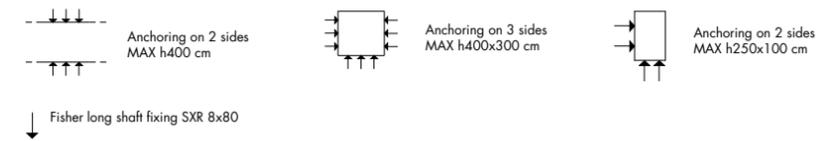
Linear painted willow profile (also suitable for outdoor use).  
Top painted willow profile (also suitable for outdoor use) with one shaped end to make clamping easier.



To make the installation of these items easier, a Mutina sealant is now available: an organic and eco-friendly sealing material, which is sold separately.

For security reasons only staggered installation is strictly allowed.

## wall anchoring scheme



## Laying and maintenance tips

use	Wall - indoor, outdoor.
installation	For security reasons only staggered installation is strictly allowed. For installation process see the installation video available on <a href="http://www.mutina.it">www.mutina.it</a>
recommended adhesive	Mutina sealant: solvents-free, eco-friendly organic sealant
recommended joints	-
recommended fillers	-
cleaning at the end of installation	Avoid drippings during installation. If needed the excess can be removed after the product has dried, using a tool with a sharp edge.
general cleaning (installed tiles)	-
calibers (real size)	20,5 x 26,5 x 10 cm with 1-3 mm tolerance (artisanal product)

## Colors



## Technical features

Artisanal extruded partition elements, 10cm thick. These elements must in any case comply with the technical standards of construction regulation, applicable in the country where they are installed. For the Italian national territory, in particular, they should comply with standard NTC 2018 DECRETO MIN 27/01. This product is suitable for both residential and commercial areas, to be installed in walls with a maximum height of 4mt. In order to achieve an optimal aesthetic outcome we advise to install Celosia using our wooden profile. A top profile with removable sides is provided for ceiling fixing. The product is suitable for indoor and outdoor areas complying with UNI EN 772-22 marked "F1 - moderate exposure".

STANDARD	FEATURES	VALUE REQUIRED	CELOSIA
UNI EN 772-16	dimensions	to declare	T2 – R2
UNI EN 772-21:2011	water absorption	to declare	12.5%
UNI EN 772-5:2016	content of active soluble salts	to declare	S2
UNI EN CEN/TS 772- 22:2006	freeze-thaw resistance	to declare	F1
D.M. 1401/2008	determination of horizontal variable loads	to declare	C2
<b>LEED CERTIFICATION 4.1</b>			10% recycled material
<b>VOC EMISSION</b>			available upon request
<b>DECLARATION OF CONTENTS</b>			available upon request
<b>SDS</b>			available upon request
<b>BPD3</b>			available upon request
<b>HDP</b>			available upon request

## Packing

SIZE	PCS-SQM	PCS-PAL	SQM-PAL	KG-PC	KG-PAL
20,5-26,5-10 cm	18,41	32	1,74	5,50	176,00

# Ceramica

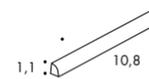
collection	Ceramica
design	Silvia Giacobazzi, 2006/2010
production	Artisanal
material	Glazed pressed body
thickness	11 mm
nominal sizes	5,3-19,8 cm (2" - 8")
specification	The collection is: – 8 glossy colors – 8 tone sur tone grout – 1 contrast grout
complementary pieces	Quarter round
category	UNI EN 14411 App L (Bill group)



5,3-19,8 cm  
2" - 8"

complementary pieces

quarter round  
1,1-10,8 cm  
0,4" - 4,2"



quarter round  
1,4-1,4 cm  
0,5" - 0,5"

1,4  
1,4

## Laying and maintenance tips

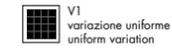
use	Wall – indoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	NON-RAPID-DRYING adhesive for double-fired tiles to make it easier to fix the pieces.
recommended joints	Use wedges to fix the differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing.
calibers (real size)	The product is artisanal and hand made, thus each tile has a tolerance of +/- 2 mm.

## Colors



## Technical features

STANDARD	FEATURES	VALUE REQUIRED	CERAMICA
ISO 10545/3	water absorption	> 10%	in conformity
ISO 10545/4	breaking strength	Sp> 7,5 min 1300	in conformity
ISO 10545/9	thermal shock resistance	no alteration	no alteration
ISO 10545/11	cracking resistance	no alteration	no alteration
ISO 10545/13	acids and alkalis resistance	min B	A
ISO 10545/14	stains resistance	class 3	class 5
LEED 4.1			62% recycled material
LRV (Astm C609-07)			80 (white)
VOC Emission			available upon request
Declaration of Contents			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request



## Packing

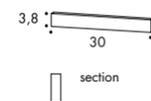
SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
5,3-19,8 cm	95,29	65	0,68	64	13,15	842,00	43,52
quarter round 1,1-10,8 cm	-	-	-	-	-	-	-
quarter round corner 1,4-1,4 cm	-	-	-	-	-	-	-

# Chymia

collection	Chymia
design	A special project with Laboratorio Avallone, 2019
production	Industrial
material	Rectified glazed porcelain stoneware
thickness	10 mm
nominal sizes	30x30 cm
specification	The slight differences in the pattern among the pieces are intentional to obtain a never repetitive laying effect.  The collection is: – 11 textures in White and Black – 4 mix, with 6 different items
complementary pieces	Skirting
patents	Registered design n° 007510870-0001/0040 – date of registration: 14/01/2020
category	UNI EN 14411 App G (BIA group) GL

## complementary pieces

skirting  
3,8-30 cm  
1 1/2" x 12"



## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	298 mm x 298 mm

## Colors



Flat White



Flat Black



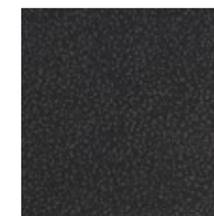
Rigo White



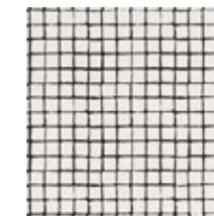
Rigo Black



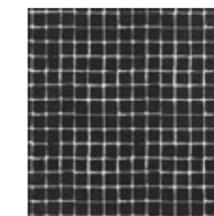
Frost White



Frost Black



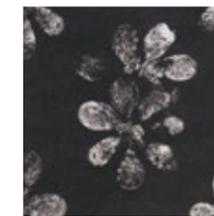
Tassello White



Tassello Black



Ophelia White



Ophelia Black



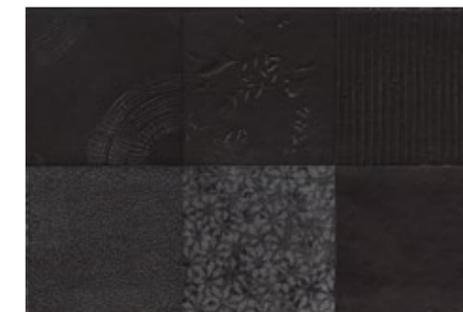
Cosmo White



Cosmo Black



Mix 1 White



Mix 1 Black

grout: black nero 06

grout: white calce 01

## Colors



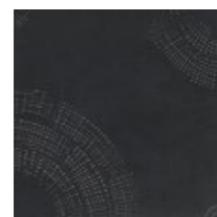
Bloom white



Bloom Black



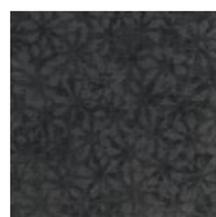
Rigo White



Rigo Black



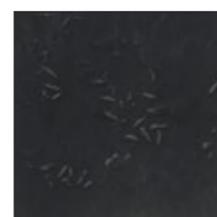
Juta White



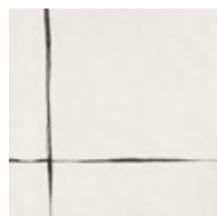
Juta Black



Tassello White



Tassello Black



Teorema White \*



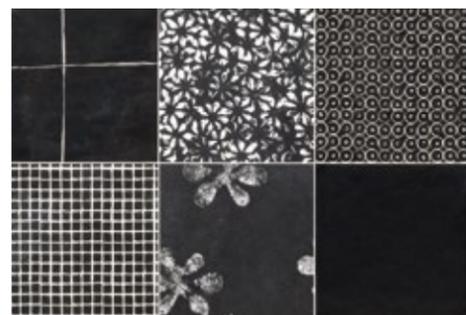
Teorema Black \*



different patterns randomly mixed into the box



Mix 2 White



Mix 1 Black



grout: black nero 06



grout: white calce 01

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	CHYMIA
ISO 10545/3	water absorption	< 0,5%	0,06%
ISO 10545/4	breaking strength	Sp> 7,5 min 1300	resistant
ISO 10545/9	thermal shock resistance	no alteration	no alteration
ISO 10545/12	frost resistance	no alteration	no alteration
ISO 10545/13	acids and alkalis resistance	min B	A
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R9 Flat R10
DIN 51097		-	A Flat B
DCOF		>0,42	> 0,59
Pendulum BS7976-2		-	45 dry / 25 wet Flat 56 dry/ 42 wet
LEED 4.1		-	20%
Robinson Test			heavy use
VOC Emission			available upon request
Declaration of Contents			available upon request
SDS			available upon request
EPD			available upon request
BPD3			available upon request
HPD			available upon request

## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
30-30 cm	11,11	9	0,81	32	16,90	540,81	25,92
mix 30-30 cm	11,11	12	1,08	22	22,30	490,60	23,76
skirting 3,8-30 cm		20	6 ml		4,80		

# Cover

collection	Cover
design	Patricia Urquiola, 2017
production	Industrial
material	Unglazed homogeneous porcelain stoneware
features	Squared and rectified slabs each one exactly the same as the others
thickness	6 mm
nominal sizes	base 120-120 cm (47"-47") grid 120-240 cm (47"-94"), 120-120 cm (47"-47") nube 120-240 cm (47"-94"), 120-120 cm (47"-47")
specification	<ul style="list-style-type: none"> <li>- 3 base colors</li> <li>- 2 patterns, Grid and Nube, size 120x240 and 120x120 in 3 colors (Black, White, Grey)</li> <li>- Low thickness slabs (5,6 mm) with colored mixtures, color inclusions, in-clay grains and flakes (no digital printing).</li> <li>- The mix is layed randomly on the surface making each slab unique.</li> <li>- Tile pressed with Continua Plus technology for an ultra flat and compact surface.</li> </ul>
complementary pieces	Skirting
patents	Registered design (tiles) n° 004427748-0001/0027 – date of registration: 31/10/2017 Registered design n° 004426930-0001/0010 – date of registration: 31/10/2017
category	UNI EN 14411 App G (BIA group) UGL



base, grid, nube  
120-120 cm  
47"-47"



grid, nube  
120-240 cm  
47"-94"

## complementary pieces

skirting  
3,8-120 cm  
2"-47"

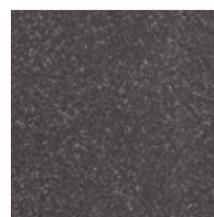


## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	Check the flatness with a 2 metre long straight edge, by placing it on the screed in all directions. Maximum permissible tolerance 3 mm. Use specific self-levelling products if the difference is greater.
recommended adhesive	For tiling a floor on substrates such as cement and anhydrite screed (after applying a primer), Class C2S2 cementitious adhesives are normally used for the largest format. On floor heating, even smaller formats must be laid with Class C2S2 cementitious adhesives. On pre-existing or old ceramic tiled floors, it is advisable to use quick-setting adhesives.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout/epoxy grout.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	120cm x 240cm -> 1190mm x 2382mm 120cm x 120cm -> 1190mm x 1190mm

## Colors

### BIANCO



Black

grout: nero 06



Grey

grout: kerakoll lissoni 6



White

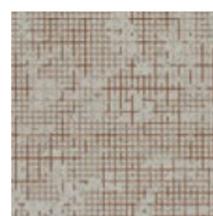
grout: bianco 50

### GRID



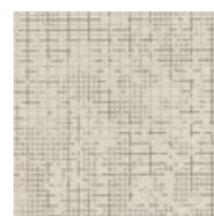
Black

grout: nero 06



Grey

grout: kerakoll lissoni 6



White

grout: bianco 50

### NUBE



Black

grout: nero 06



Grey

grout: kerakoll lissoni 6



White

grout: bianco 50

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	COVER
ISO 10545/2	SIZES length and width thickness straightness of edges wedging flatness	± 0,6% ± 5% ± 0,5% ± 0,5% ± 0,5%	in conformity with standard
ISO 10545/3	water absorption	< 0,5%	in conformity with standard
ISO 10545/6	resistance to deep abrasion	≤ 175mm <sup>3</sup>	in conformity with standard
ISO 10545/9 ASTM C484	resistance to thermal shock	no visible alteration no samples must show visible defects	resistant unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values 6±10° R9 10±19° R10 19±27° R11 27±35° R12 > 35° R13	R9 Nube R10 Grid
DIN 51097		-	-
DCOF		> 0,42	0,70
PENDULUM AS/NSZ 4586-13			34 P2
ISO 9001 - ISO 14001			
<b>ENVIRONMENTAL MANAGEMENT SYSTEM ISO 14000 AND ISO 9001</b>			
ROBINSON TEST		-	heavy use
VOC EMISSION			available upon request
DECLARATION OF CONTENTS			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request



## Packing

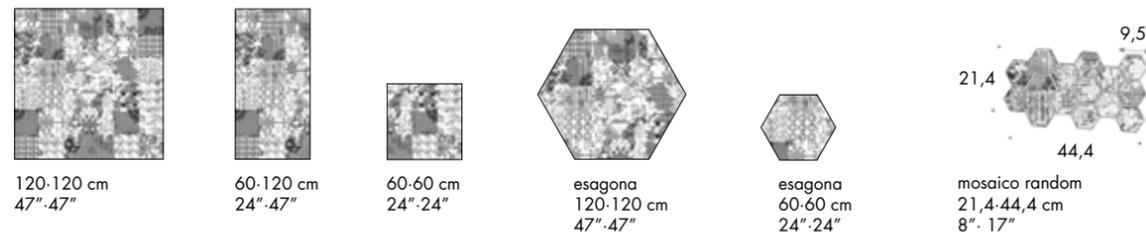
SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
120-240 cm	0,35	1	2,88	22	39,00	858,00	63,36
120-120 cm	0,69	2	2,88	20	39,50	790,00	57,60
skirting 3,8-120 cm	-	5	6,00	-	3,00	-	-

# Déchirer

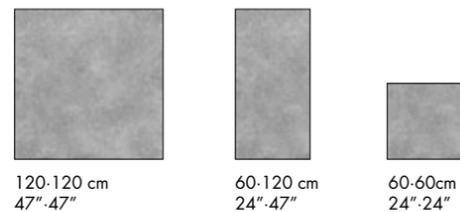
## Déchirer Decor, Neutral

collection	Déchirer
design	Patricia Urquiola, 2008
production	Industrial
material	Unglazed homogeneous porcelain stoneware
features	Squared and rectified slabs each one exactly the same as the others
thickness	12 mm
nominal sizes	DECOR: mosaico random 21,4-44,4 cm (8" - 17") DECOR: 120-120 cm (47"-47"), 60-120 cm (24"-47"), 60-60 cm (24"-24") DECOR: esagona 120-120 cm (47"-47"), esagona 60-60 cm (24"-24") NEUTRAL: 120-120 cm (47"-47"), 60-120 cm (24"-47"), 60-60 cm (24"-24")
specification	- 5 base colors - Relief texture "Decor" in 5 colors (registered design) - CONTINUA Technology production system (environmental certification ISO 14001:2004)
complementary pieces	Step, Corner tile, Skirting
awards	Edida 2009, Best of Neocon 2009, Home beautiful product 2009, Selected for Adi Design Index 2009, Good Design 2010, ICFE Editors Award Material 2011
patents	Registered design n° 001615790-001 - date of registration: 25/09/2009 Registered design n° 001615774-001 - date of registration: 25/09/2009
category	UNI EN 14411 App G (BIA group) UGL

### DECOR



### NEUTRAL



### complementary pieces



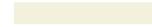
## Laying and maintenance tips

use	Floor, wall - indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes. The double spreading technique is recommended for the 120x120 size.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	120cm x 120cm -> 1190mm x 1190mm 60cm x 60cm -> 594mm x 594mm 60cm x 120cm -> 594mm x 1190mm

## Colors



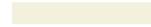
Decor Bianco



grout: bianco 50



Neutral Bianco



grout: bianco 50



Decor Grigio



grout: grigio 44



Neutral Grigio



grout: grigio 44



Decor Piombo



grout: piombo 53



Neutral Piombo



grout: piombo 53



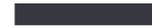
Decor Nero



grout: nero 06



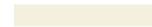
Neutral Nero



grout: nero 06



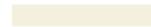
Decor Ecrù



grout: ecrù 52



Neutral Ecrù



grout: ecrù 52

## Technical Features

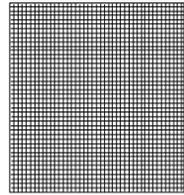
STANDARD	FEATURES	VALUE REQUIRED	DÉCHIRER
ISO 10545/3	water absorption	< 0,5%	0,06%
ASTM C373		< 0,5%	0,06%
ISO 10545/4	breaking strength	≥ 35 N/mm <sup>2</sup>	61,2 N/mm <sup>2</sup>
ISO 10545/6	resistance to deep abrasion	<175 mm <sup>3</sup>	in conformity
EN 101	surface hardness (scala mohs)	> 5	8
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	déchirer neutral R10 déchirer decor R10
DIN 51097			B Neutral A Decor
DCOF		-	
Pendulum ENV12633			Class 1
 UPEC			available upon request
LEED CERTIFICATION 4.1			20% recycled material
ENVIROMENTAL MANAGEMENT SYSTEM ISO 14000 E ISO 9001			
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

# Déchirer

## Déchirer Glass

collection	Déchirer
design	Patricia Urquiola, 2009
production	Artisanal
material	Recycled glass mosaic
thickness	4,5 mm
nominal sizes	0,9-0,9 cm su rete 30-30 cm (on net 12"-12")
specification	The collection is: – 5 base colors
category	–

### GLASS



0,9-0,9 cm su rete 30-30 cm  
on net 12"-12"

## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	Lay on perfectly flat, dry walls.
recommended adhesive	Cement-based or epoxy adhesive for vitreous glass mosaics. Use with a fine-tooth spatula, max. height 3 mm. Use white adhesive on WHITE tiles. Use grey adhesive on OTHER COLOURS.
recommended joints	Place the sheets with the same joint as within the sheet. WAIT UNTIL THE ADHESIVE HAS DRIED COMPLETELY BEFORE REMOVING THE ADHESIVE FILM (at least 72 hours if cement-based adhesive is used).
recommended fillers	Cement-based grout / epoxy grout. Remove all traces of grout carefully before it dries completely. Shade-on-shade grout is recommended.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	–

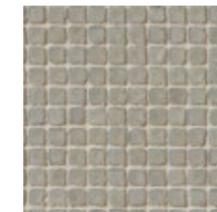
## Colors



Glass Bianco



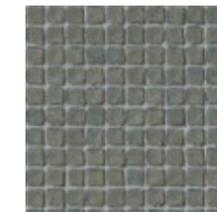
grout: bianco 50



Glass Grigio



grout: grigio 44



Glass Piombo



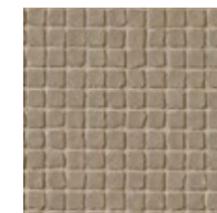
grout: piombo 53



Glass Nero



grout: nero 06



Glass Ecrù



grout: ecrù 52

## Technical Features

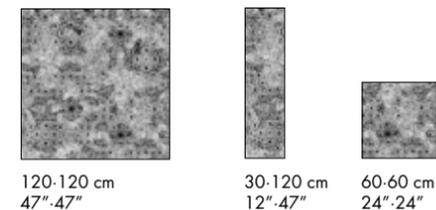
STANDARD	FEATURES	GLASS	
ISO 10545/3	water absorption	<0,5%	0,00%
ISO 10545/9	thermal shock resistance	no alteration	no alteration
ISO 10545/12	frost resistance	no alteration	no alteration
ISO 10545/13	acids and alkalis resistance	min B	A
ISO 10545/14	stains resistance	class 3	class 5
DIN 51094	colours resistance to fading		no alteration
<b>LEED CERTIFICATION 4.1</b>			40% recycled material
<b>VOC Emission</b>			available upon request
<b>Declaration of Contents</b>			available upon request
<b>SDS</b>			available upon request
<b>BPD3</b>			available upon request
<b>HPD</b>			available upon request

# Déchirer

## Déchirer (La Suite) Net, Trace

collection	Déchirer
design	Patricia Urquiola, 2010
production	Industrial
material	Unglazed homogeneous porcelain stoneware
features	Squared and rectified slabs each one exactly the same as the others
thickness	12 mm
nominal sizes	NET: 120·120 cm (47"·47"), 30·120 cm (12"·47"), 60·60 cm (24"·24") TRACE: 120·120 cm (47"·47"), 30·120 cm (12"·47"), 60·60 cm (24"·24")
specification	– 3 base colors – 2 engraved textures, Trace and Net, in 3 colors (registered design) – CONTINUA Technology production system (enviromental certification ISO 14001:2004)
complementary pieces	TRACE: Step, Corner tile, Skirting
patents	Registered design n° 001913062-0005 – date of registration: 06/09/2011 Registered design n° 001912999-0014 – date of registration: 06/09/2011
category	UNI EN 14411 App G (BIA group) UGL

### NET

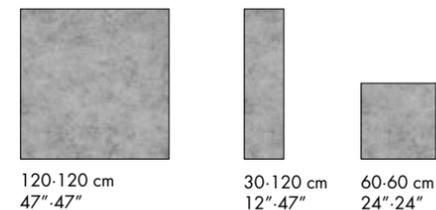


120·120 cm  
47"·47"

30·120 cm  
12"·47"

60·60 cm  
24"·24"

### TRACE



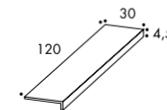
120·120 cm  
47"·47"

30·120 cm  
12"·47"

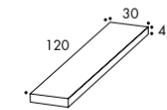
60·60 cm  
24"·24"

### complementary pieces

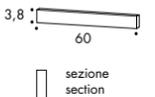
step  
30·120·4,5 cm  
12"·47"·1 7/8"



corner tile  
30·120·4,5 cm  
12"·47"·1 7/8"



skirting  
3,8·60 cm  
2"·24"



## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes. The double spreading technique is recommended for the 120x120 size.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	60cm x 60cm -> 594mm x 594mm 120cm x 120cm -> 1190mm x 1190mm 30cm x 120cm -> 296mm x 1190mm

## Colors



Net Calce



grout: calce 01



Trace Calce



grout: calce 01



Net Cemento



grout: cemento 60



Trace Cemento



grout: cemento 60



Net Cenere



grout: cenere 62



Trace Cenere



grout: cenere 62

## Technical Features

STANDARD	FEATURES	VALUE REQUIRED	DÉCHIRER (LA SUITE)
ISO 10545/3	water absorption	< 0,5%	0,06%
ASTM C373		< 0,5%	0,06%
ISO 10545/4	breaking strength	≥ 35 N/mm <sup>2</sup>	61,2 N/mm <sup>2</sup>
ISO 10545/6	resistance to deep abrasion	<175 mm <sup>3</sup>	in conformity
EN 101	surface hardness (scala mohs)	> 5	8
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	net R11 trace R11
DIN 51097			B Neutral A Decor
DCOF		–	–
Pendulum EN12633			–
 UPEC			available upon request
LEED CERTIFICATION 4.1			20% recycled material
ENVIROMENTAL MANAGEMENT SYSTEM ISO 14000 E ISO 9001			
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

## Packing

SIZE	PCS-SQM	SQM-PC	PC-PAL	KG-PC	KG-PAL	SQM-PAL
120-120 cm	0,69	1,44	36	38,30	1379,00	51,84

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
esagona 120-120 cm	1,07	1	0,93	36	25,10	904	33,48
60-120 cm	1,38	2	1,44	24	38,65	928	34,56
30-120 cm	2,78	2	0,72	48	19,10	917	34,56
60-60 cm	2,77	3	1,08	32	29,00	928	34,56
esagona 60-60 cm	4,30	4	0,92	24	25,15	604	22,08
mosaico random decor 21,4-44,4 cm	10,52	5	0,47	56	12,50	700	26,60
step 30-120-4,5 cm	-	2	2,40 ml	-	26,00	-	-
corner tile 30-120-4,5	-	1	1,20 ml	-	13,00	-	-
skirting 3,8-60 cm	-	10	6,00 ml	-	5,85	-	-
déchirer glass 30-30 cm	11	11	1,00	60	6,05	363	60,00

# Déchirer<sup>XL</sup>

collection	Déchirer XL
design	Patricia Urquiola, 2017
production	Industrial
material	Unglazed homogeneous porcelain stoneware
thickness	3 mm reinforced with back glass fiber
features	Squared and rectified slabs each one exactly the same as the others
nominal sizes	100-300 cm (39"-118")
specification	<ul style="list-style-type: none"> <li>- Unglazed porcelain stoneware body and available in three shades: gesso, grafite and avana.</li> <li>- Déchirer was the breakthrough that distinguished Mutina in the world of designer tiles, and is still considered one of the most emblematic collections of its kind. Mutina has decided to celebrate this great success by proposing Déchirer in a new, XL size in the lowest possible thickness (3 mm with fiber back layer), and in a very lightweight slab (25 kg).</li> <li>- Size 100 x 300 cm, to have the bas-relief decorations (registered design) extended over a continuous, larger surface.</li> <li>- Pure ceramic body pressed in a latest generation machine to create textured surfaces even on large slabs</li> <li>- Details of the bas-relief with perfectly well-defined edges</li> <li>- Rectified in real size 100x300</li> </ul>
patents	Registered design n° 001615790-001 – date of registration: 25/09/2009 Registered design n° 001615774-001 – date of registration: 25/09/2009
category	UNI EN 14411 App G (BIA group) UGL



100-300 cm  
39"-118"

## Laying and maintenance tips

use	Wall – indoor, outdoor.
installation	Place the base of the chosen leveller under the flooring/tile and continue laying in sequence. Insert the tie rod in the threaded shaft and turn it clockwise until the flooring/tile is level, using as little pressure as possible. When the adhesive/glue has solidified and the adhesion to floor is sufficiently level: break the tie rod.
recommended adhesive	It is possible to use Class C2S2 cementitious adhesives to lay the slabs on substrates such as concrete, gypsum-based plaster (after applying a primer) or cement, plasterboard or fibre-cement panels, and old ceramic tiles. Always apply a "double layer" or "full layer" of adhesive using back buttering. Back buttering is, therefore, always recommended. Apply the adhesive with back buttering, first on the back of the slab and then, on the substrate, taking care to cover the corners and edges, avoiding any air pockets between the substrate and the slab. Spread the adhesive as required only on the surface where a slab is being laid to prevent the surface from skinning over which stops it from adhering. It is recommended to use a 6 mm notched trowel for the substrate and a 3 mm notched trowel for the back of the slab, taking care to spread the adhesive in the same direction, both on the slab and the substrate, and to knock the surface with a rubber mallet, making sure any air pockets are eliminated.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cementitious grout / epoxy grout.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	1000mm x 3000mm

## Colors



Gesso

grout: bianco 50



Grafite

grout: nero 06

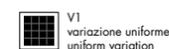


Avana

grout: sand 80

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	DÉCHIRER XL
ISO 10545/2	SIZES		
	length and width	± 0,6%	in conformity with standard
	thickness	± 5%	
	straightness of edges	± 0,5%	
	wedging	± 0,5%	
	flatness	± 0,5%	
ISO 10545/3	water absorption	< 0,5%	in conformity with standard
ISO 10545/6	resistance to deep abrasion	–	–
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130-04	slip resistance	–	–
DIN 51097		–	–
DCOF		–	–
Pendulum AS/NSZ 4586-13			–
EN 13501 (rev. 2005)			A2-s 1, d0
Leed 4.1			30% pre-consumer recycled material (Déchirer XL Gesso) 40% pre-consumer recycled material (Déchirer XL Grafite and Avana)
ISO 9001 – ISO 14001			
Robinson Test		–	–
VOC Emission			available upon request
Declaration of contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request



## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-PC	PC-PAL	KG-PC	KG-PAL	SQM-PAL
100-300 cm	0,33	1	3,00	20	24,60	492,00	60

# Diarama

collection	Diarama
design	Hella Jongerius, 2018
production	Industrial
material	Glazed homogeneous porcelain stoneware
thickness	9 mm
sizes	9,4-18,7 cm (3 45/64"-7 23/64")
specification	<ul style="list-style-type: none"> <li>- 7 matt color base</li> <li>- 2 main color: Chalk and Iron</li> <li>- 4 color families: Ash, Sky, Maize, Blush all in light and dark version</li> <li>- 3 mix: Dusk (Chalk+Iron), Grey Chroma and Black Chroma (9 different colors on the same base)</li> <li>- Glazed stripes on a unglazed surface applied with high-thickness serigraphic printing technology</li> <li>- Color nuances deliberately shaded through the interaction between the base color and the glaze</li> </ul>
patent	Registered design n° 006336608-0001/0037 - date of registration: 26/03/2019
category	UNI EN 14411 App G (BIA group) GL



9,4-18,7 cm  
(3 45/64"-7 23/64")

## Laying and maintenance tips

use	Floor, wall - indoor, outdoor.
installation	The material is deliberately shaded. Take the material of the same box and mix randomly.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Fine-grain cement-based grout / epoxy grout.
cleaning at the end of installation	<p><b>CEMENT-BASED GROUT:</b> Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water.</p> <p><b>EPOXY GROUT:</b> Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad.</p> <p><b>SILICONE:</b> Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite.</p> <p><b>PAINT:</b> Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable.</p> <p><b>RUST:</b> stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.</p>
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	9,4 cm x 18,7 cm with 1 mm tolerance

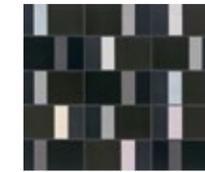
## Colors

### BLACK AND WHITE



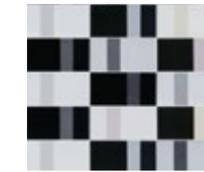
Chalk

grout: calce 01



Iron

grout: nero 06



Dusk

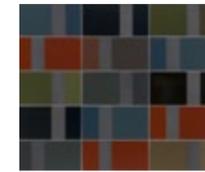
grout: calce 01

### MIX



Grey Chroma

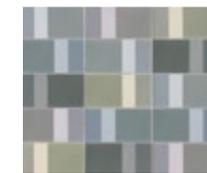
grout: cenere 62



Black Chroma

grout: nero 06

### COLORS



Ash Light

grout: Kerakoll Lissoni 6



Ash Dark

grout: cenere 62



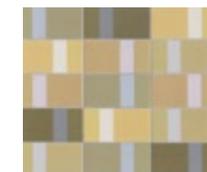
Sky Light

grout: Kerakoll Lissoni 6



Sky Dark

grout: cenere 62



Maize Light

grout: Kerakoll Lissoni 6



Maize Dark

grout: cenere 62



Blush Light

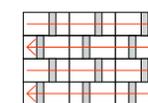
grout: Kerakoll Lissoni 6



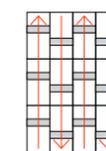
Blush Dark

grout: cenere 62

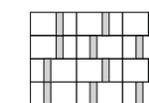
### installation ideas



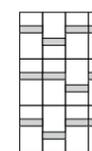
Alternated horizontal



Alternated vertical



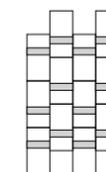
Random horizontal



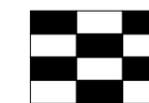
Random vertical



Random horizontal running bond



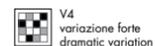
Random vertical running bond



Checkerboard (Diarama Dusk)

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	DIARAMA
ISO 10545/3	water absorption	< 0,5%	in conformity with standard
ISO 10545/4	breaking strength	Sp> 7,5 min 1300	in conformity with standard
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	-	-
DIN 51097		-	-
DCOF		-	-
Pendulum AS/NSZ 4586-13			-
LEED CERTIFICATION 4.1			24% pre-consumer recycled material
Robinson Test		-	
VOC Emission			available upon request
Declaration of Contents			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

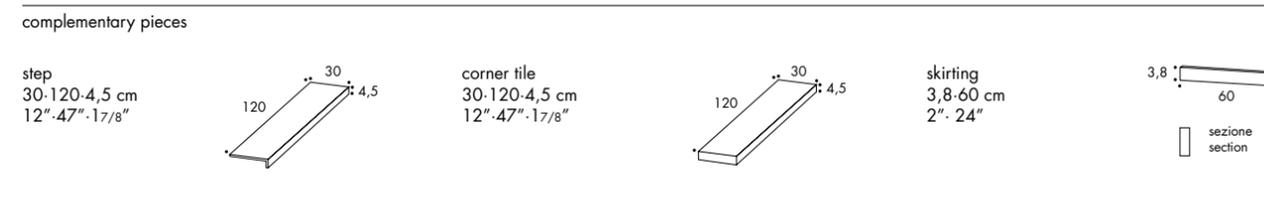
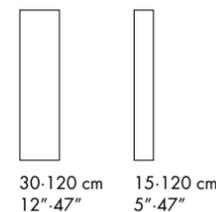


## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
all colors 9,4x18,7 cm	56,89	45	0,79	48	16,95	813,60	37,92
dusk, chalk, iron 9,4x18,7 cm	56,89	42	0,74	48	15,82	759,36	35,52

# Flow

collection	Flow
design	Mutina, 2010
production	Industrial
material	Unglazed homogeneous porcelain stoneware
features	Squared and rectified slabs each one exactly the same as the others
thickness	11 mm
nominal sizes	30-120 cm (12"-47") 15-120 cm (6"-47")
specification	5 base colors, full body colored: white, medium grey, dark grey, bone, sand, taupe - 3 special pieces: step, corner tile, skirting - 5 colored matching grout - possibility to combine Flow with Ceramica collection, declined in the same color nuances
complementary pieces	Step, Corner tile, Skirting
category	UNI EN 14411 App G (BIA group) UGL



## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	147 mm x 1195 mm 296,5 mm x 1195 mm

## Colors



Medium grey

grout: cenere 62

White

grout: calce 01

Bone

grout: bianco 50

Sand

grout: cream 45

Taupe

grout: cream 45

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	FLOW
ISO 10545/3	water absorption	< 0,5%	0,06%
ISO 10545/6	resistance to deep abrasion	<175 mm3	in conformity
ISO 10545/9	thermal shock resistance	no alteration	no alteration
ISO 10545/12	frost resistance	no alteration	no alteration
ISO 10545/13	acids and alkalis resistance	min B	A
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130 - 04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R10
DIN 51097		–	B
DCOF		–	–
LEED CERTIFICATION 4.1			25%
<b>ENVIRONMENTAL MANAGEMENT SYSTEM ISO 14001 : 2004</b>			
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

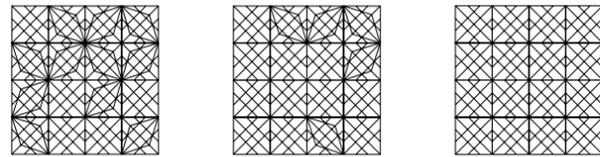


## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
30-120 cm	2,78	3	1,08	48	26,00	1248,00	51,84
15-120 cm	5,55	6	1,08	22	25,25	555,00	23,76
step 30-120-4,5 cm	–	2	2,40 ml	–	21,20	–	–
corner tile 30-120-4,5 cm	–	1	1,20 ml	–	11,00	–	–
skirting - terminale 3,8-60 cm	–	10	6,00 ml	–	5,00	–	–

# Folded

collection	Folded
design	Raw Edges, 2010
production	Industrial
material	Homogeneous porcelain stoneware
features	Squared and rectified slabs each one exactly the same as the others
thickness	10 mm
nominal sizes	60-60 cm (24".24")
specification	The collection is: – 1 extra white color – 3 pattern, random in the box The base color is solid, full thickness body, using an extra white porcelain base
complementary pieces	Skirting
patents	registered design n° 001912999-011 – date of registration: 06/09/2011
category	UNI EN 14411 App G (BIA group) UGL



3 patterns randomly mixed into the box

60-60 cm  
(24".24")

complementary pieces

/skirting  
3,8-60 cm  
2".24"



## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	600 mm x 600 mm

## Colors



grout: bianco 50

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	FOLDED
ISO 10545/3	water absorption	< 0,5%	in conformity
ISO 10545/6	resistance to deep abrasion	<175 mm3	in conformity
ISO 10545/9	thermal shock resistance	no alteration	no alteration
ISO 10545/12	frost resistance	no alteration	no alteration
ISO 10545/13	acids and alkalis resistance	min B	A
ISO 10545/14	stains resistance	classe 3	class 4
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R9
DIN 51097		-	-
Pendulum BS 7976-2			51 dry 41 wet
LEED CERTIFICATION 4.1			15% recycled material
ISO 14001 - ISO 9001			
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request



## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
60-60 cm	2,77	3	1,08	40	22,85	914,00	43,20
skirting 3,8-60 cm	-	10	6,00 ml	-	5,00	-	-

# Folded XL

collection	Folded XL
design	Raw Edges, 2017
production	Industrial
material	Unglazed homogeneous porcelain stoneware
features	Squared and rectified slabs each one exactly the same as the others
thickness	5,6 mm
nominal sizes	100-300 cm (39,4"-118")
specification	<ul style="list-style-type: none"> <li>- 1 color</li> <li>- Continuous surface with no interruption to the design.</li> <li>- Size 100 x 300 cm rectified - thickness 5.6 mm.</li> <li>- Extra white body of porcelain stoneware, without additions of glazes or colouring agents.</li> <li>- Pure ceramic clay pressed in a latest generation machine to obtain textured surfaces even on large slabs.</li> <li>- Rectified edges to allow a joint of just 2 mm and create a greater continuity of surface.</li> <li>- Suitable for both floor and wall tiles, for indoor and outdoor use</li> </ul>
patents	Registered design (tiles) n° 001912999-011 – date of registration: 06/09/2011
category	UNI EN 14411 App G (BIA group) UGL



100-300 cm  
39,4"-118"

## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	Check the flatness with a 2 metre long straight edge, by placing it on the screed in all directions. Maximum permissible tolerance 3 mm. Use specific self-levelling products if the difference is greater
recommended adhesive	For tiling a floor on substrates such as cement and anhydrite screed (after applying a primer), Class C2S2 cementitious adhesives are normally used for the largest format. On floor heating, even smaller formats must be laid with Class C2S2 cementitious adhesives. On pre-existing or old ceramic tiled floors, it is advisable to use quick-setting adhesives.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cementitious grout / epoxy grout.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	1000 mm x 3000 mm

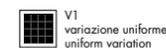
## Colors



grout: bianco 50

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	FOLDED XL
ISO 10545/2	SIZES		
	length and width	± 0,6%	in conformity with standard
	thickness	± 5%	
	straightness of edges	± 0,5%	
	wedging	± 0,5%	
	flatness	± 0,5%	
ISO 10545/3	water absorption	< 0,5%	in conformity with standard
ISO 10545/6	resistance to deep abrasion	≤ 175mm <sup>3</sup>	in conformity with standard
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R10
DIN 51097		–	–
DCOF		> 0,42	0,68
Pendulum AS/NSZ 4586-13			–
LEED CERTIFICATION 4.1			30% pre-consumer recycled material
ISO 14000 and ISO 9001			
Robinson Test		–	–
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request



## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-PC	PC-PAL	KG-PC	KG-PAL	SQM-PAL
100-300 cm	0,33	1	3	13	42,60	554,00	39,00

# Lane

collection	Lane
design	Edward Barber & Jay Osgerby, 2018
production	Industrial
material	Glazed porcelain stoneware
thickness	8,5 mm
sizes	7,9-16 cm (37/64"-619/64")
specification	<ul style="list-style-type: none"> <li>- 3 styles: Base, Mono, Poly</li> <li>- 5 surface textures random mixed</li> <li>- Base comprises 5 colour palettes: White (9 shades, 5 textures), Grey (5 shades, 5 textures), Black (5 shades, 5 textures), Terracotta (10 shades, 5 textures), Aubergine (10 shades, 5 textures)</li> <li>- Poly comprises the 5 "Base" colors plus a number of elements in contrast</li> <li>- Mono: Black and White only</li> </ul>
awards	Best reflective space - Wallpaper Design Award 2019
patents	Registered design n° 006336608-0001/0037 – date of registration: 26/03/2019
category	UNI EN 14411 App G (BIA group) GL



7,9-16 cm  
(37/64"-619/64")

## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	The material is deliberately shaded. Take the material from several boxes and mix carefully.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout.
cleaning at the end of installation	<p><b>CEMENT-BASED GROUT:</b> Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water.</p> <p><b>EPOXY GROUT:</b> Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad.</p> <p><b>SILICONE:</b> Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite.</p> <p><b>PAINT:</b> Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable.</p> <p><b>RUST:</b> stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.</p>
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	7,9 x 16 cm with 2 mm tolerance

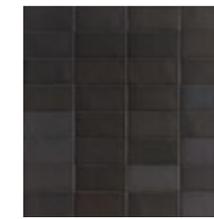
## Colors

### BASE



Base White

grout: calce 01



Base Black

grout: nero 06



Base Grey

grout: grigio 44



Base Aubergine

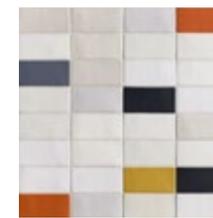
grout: humus 15



Base Terracotta

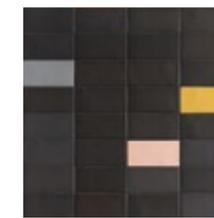
grout: ash 10

### POLY



Poly White

grout: calce 01



Poly Black

grout: nero 06



Poly Grey

grout: grigio 44



Poly Aubergine

grout: humus 15



Poly Terracotta

grout: ash 10

### NUBE



Mono White

grout: calce 01

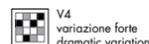


Mono Black

grout: nero 06

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	LANE	
ISO 10545/3	water absorption	< 0,5%	in conformity with standard	
ISO 10545/4	breaking strength	≥ 1300 N	in conformity with standard	
	modulus of rupture	≥ 32 N/mm <sup>2</sup>	in conformity with standard	
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant	
ISO 10545/12	frost resistance	no visible alteration	resistant	
ISO 10545/13	resistance to acids and alkalis (low and high concentration)	declared value	A A	
	resistance to household cleaning agents and swimming pool chemicals	minimum class B	A A	
ISO 10545/14	stains resistance	minimum 3	4-5	
DIN 51130 - 04	slip resistance	medium values	R10	
		6÷10°		R9
		10÷19°		R10
		19÷27°		R11
		27÷35°		R12
> 35°	R13			
DIN 51097 - 04			B	
DCOF		> 0,42	0,61	
LEED CERTIFICATION 4.1		-	39% recycled material	
Robinson Test		-	moderate use	
VOC Emission			available upon request	
Declaration of Contents			available upon request	
SDS			available upon request	
BPD3			available upon request	
HPD			available upon request	

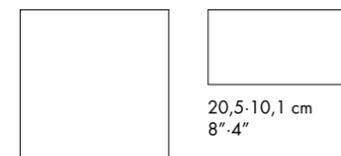


## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
7,9·16 cm	79,11	76	0,96	56	18,70	1047,20	53,76

# Mattonelle Margherita

collection	Mattonelle Margherita
design	Nathalie Du Pasquier, 2020
production	Industrial
material	Glazed porcelain stoneware
thickness	10 mm
nominal sizes	Margherita Patterns, Margherita Plain Colors 20,5-20,5 cm (8"-8") Margherita Half 20,5-10,1 cm (8"-4")
specification	- 6 base color in 20,5-20,5 cm - 27 graphic patterns in 20,5-20,5 cm - 8 half in 10,1-20,5 cm - Semi-gloss, silky surface
anti-slip	Special treatment is available upon request, at extra charge
patent	Registered design n° 008171615-0001/0067 – date of registration: 30.09.2020
category	Bla UNI EN 14411 (GL)



20,5-20,5 cm  
8"-8"

20,5-10,1 cm  
8"-4"

## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints.
recommended fillers	Cement-based grout / epoxy grout.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2-3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone e.g. FILA ZERO SIL. Put it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	20,5x20,5 : cal 1 : from 203,6x203,6 to 205x205 - cal 0 : from 202,1x202,1 to 203,5x203,5 20,5x10,1 : cal 1 : from 101,2x203,6 to 101,2x205 - cal 0 : from 100,4x202,1 to 100,4x203,5 (calibers depend on the production lot, we recommend to ask in advance)

## Colors

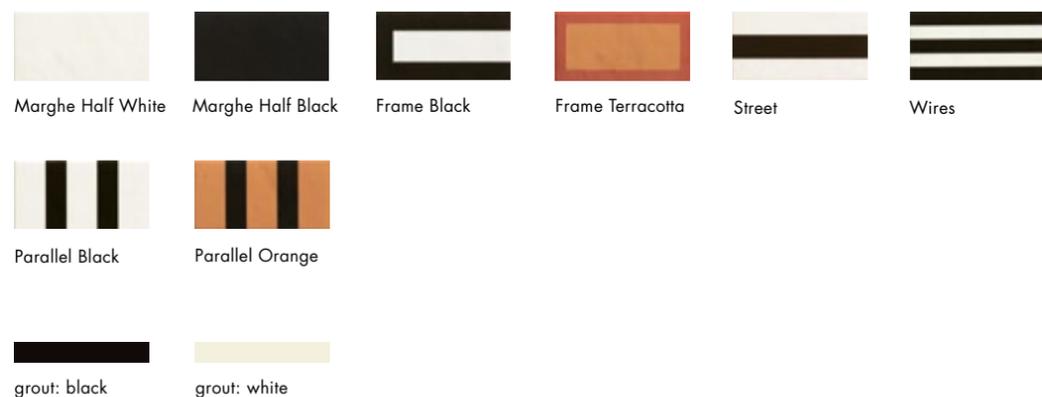
### 27 PATTERNS 20,5X20,5 CM



### 6 PLAIN COLORS 20,5X20,5 CM



### 8 HALF 10,1X20,5 CM



## Technical features

STANDARD	FEATURES	VALUE REQUIRED	MATTONELLE MARGHERITA
ISO 10545/3	water absorption	< 0,5%	0,06%
ISO 10545/4	breaking strength	Sp> 7,5 min 1300	resistant
ISO 10545/9	thermal shock resistance	no alteration	no alteration
ISO 10545/12	frost resistance	no alteration	no alteration
ISO 10545/13	acids and alkalis resistance	min B	A
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130-04	slip resistance	-	n.c
Pendulum BS 7976-2:2002/A1:2013		-	68 dry 20 wet
LEED 4.1		-	20% recycled material
Robinson Test		-	heavy use
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
20,5-20,5 cm	23,88	16	0,67	48	14,20	681,60	32,16
10,1-20,5 cm	47,76	32	0,67	48	14,20	681,60	32,16

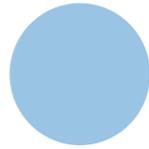
# Margherita Paints

collection	Margherita Paints
design	Nathalie Du Pasquier, 2020
production	Industrial

## Colors



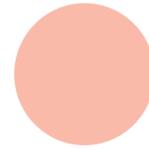
Arancione  
matt/satin



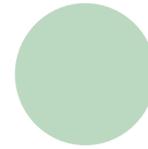
Azzurro  
matt/satin



Giallo  
matt/satin



Rosa  
matt/satin



Verde  
matt/satin

## Uses and yields

	DESCRIPTION		YIELD*	DILUTION	IDEAL USE*
<b>MATT</b>	super matt water-based paint	new wall, civil plaster	7÷8 sqm/l in two coats	50% drinkable water for light colors 20-25% for strong colors	interior walls, especially living areas and bedrooms
		new wall, gypsum plaster	9÷13 sqm/l in two coats		
<b>SATIN</b>	wall gloss 100% washable emulsion		9÷11 sqm/l in two coats	20-25 % drinkable water	interior walls, especially when subject to abrasion or dirt (bathrooms, kitchen,..)

\*considering that the conditions of the substrate can significantly influence the yield, to calculate the yield in an optimal way it is advisable to consider the lowest value

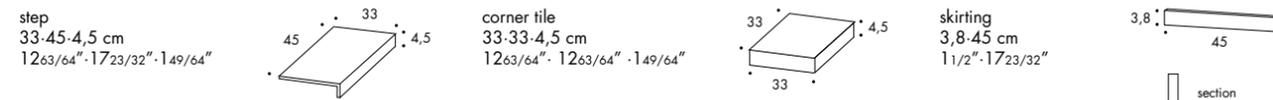
\*avoid direct contact with beating water (e.g. shower enclosure walls)

# Mews

collection	Mews
design	Edward Barber & Jay Osgerby, 2013
production	Industrial
material	Glazed homogeneous porcelain stoneware
features	Cut pieces each one exactly the same as the others
thickness	10 mm
nominal sizes	5,5-45 cm (2"-18") 11-11 cm (4"-4") chevron 5,5-39,4 cm (2"-16") chevron 5,5-19,6 cm (2"-8")
specification	- 6 Colors - Each color composed by a random mix of 15 shades to obtain a softly shaded surface
complementary pieces	Step, Corner tile, Skirting
awards	Wallpaper Design Award 2014, Edida 2014
patents	Registered design n° 002336909-0005/0012 - date of registration: 31/10/2013
category	UNI EN 14411 App G (BIA group)



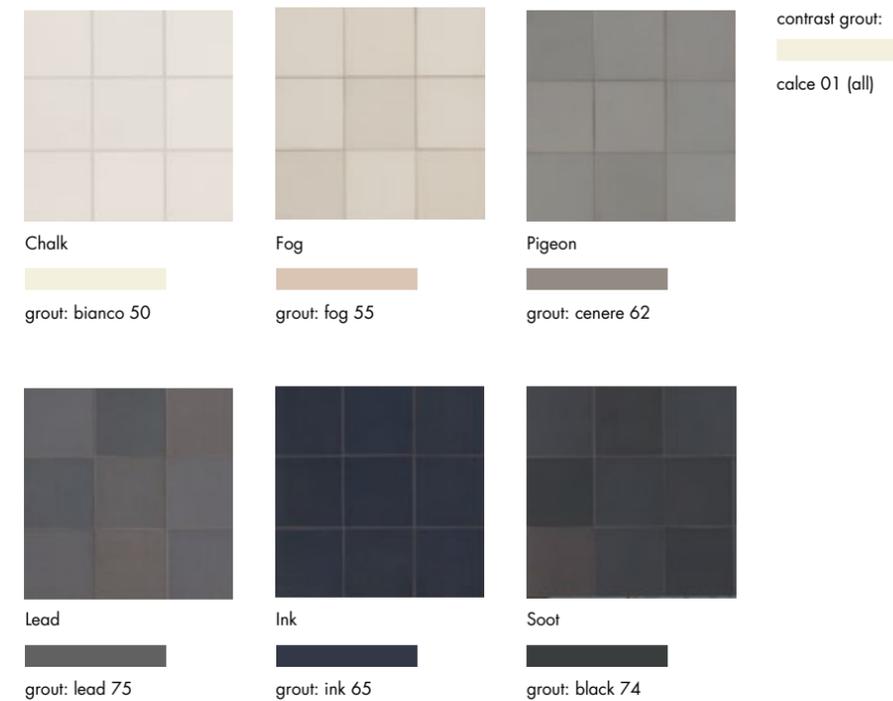
## complementary pieces



## Laying and maintenance tips

use	Floor, wall - indoor, outdoor.
installation	The material is deliberately shaded. Take the material from several boxes and mix carefully.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	5,5 x 45 (linear) - 53 mm x 447 mm 5,3 x 39,4 (chevron) - 53 mm x 393 mm 5,5 x 19,6 (chevron) - 53 mm x 192 mm 11 x 11 (square) - 109 mm x 109 mm

## Colors



## Technical features

STANDARD	FEATURES	VALUE REQUIRED	MEWS
ISO 10545/3	water absorption	< 0,5%	0,04%
ASTM C373		< 0,5%	0,04%
ISO 10545/4	breaking strength	Sp> 7,5 min 1300	resistant
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130 - 04	slip resistance	medium values 6±10° R9 10±19° R10 19±27° R11 27±35° R12 > 35° R13	R10
DIN 51097		-	-
DCOF		> 0,42	0,80
Pendulum BS7976-2		-	55 dry / 46 wet
LEED CERTIFICATION 4.1		-	13,8% - 15,3%
Robinson Test			heavy use
ISO 9001 - ISO 14001			
VOC Emission			available upon request
Declaration of Contents			available upon request
SDS			available upon request
EPD			available upon request
BPD3			available upon request
HPD			available upon request

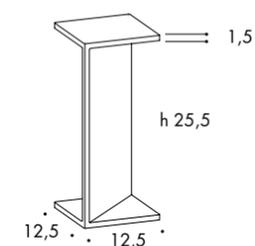


## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
5,5-39,4 cm chevron	46,15	36	0,78	40	17,55	702,00	31,20
5,5-19,6 cm chevron	92,76	72	0,78	40	17,40	696,00	31,20
5,5-45 cm	40,40	36	0,89	40	20,20	808,00	35,60
11-11 cm	82,64	60	0,73	48	16,70	802,00	35,04
step 33-45-4,5 cm	-	2	0,90 ml	-	8,00	-	-
corner tile 33-33-4,5 cm	-	1	0,33 ml	-	6,10	-	-
skirting 3,8-45 cm	-	10	4,50 ml	-	3,65	-	-

# Mistral

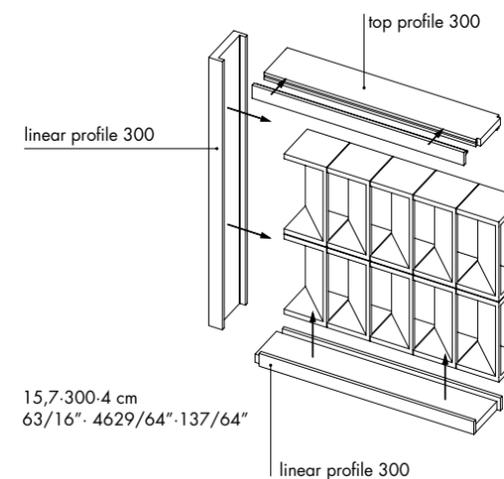
collection	Mistral
design	Barber & Osgerby, 2018
production	Artisanal
material	Tape casting terracotta
nominal sizes	12,5-25,5-12,5 cm (4"-10"-4")
specification	<ul style="list-style-type: none"> <li>- 3 colors pieces: White, Owl, Black</li> <li>- Wooden profile in 3 matching colors</li> <li>- Non structural artisanal partition elements, in tape casting terracotta, 12,5 cm thick .</li> <li>- The particular shape of Mistral allows until 8 different installation possibilities, vertical and horizontal, open and close. These elements must in any case comply with the technical standards of construction regulation, applicable in the country where they are installed. For the Italian national territory, in particular, they should comply with standard NTC 2018 DECRETO MIN 27/01 .</li> <li>- The product is suitable for indoor and outdoor areas complying with UNI EN 772-22 marked "F2-extreme exposure".</li> <li>- Suitable for both residential and commercial areas, to be installed with painted willow profile with maximum surfaces of 2mt x 3mt or 3mt x 2mt. .</li> <li>- The profile is painted and suitable for outdoor use. A top profile with removable sides is provided for ceiling fixing.</li> </ul>
complementary pieces	Linear profile 300, Top profile 300
category	-



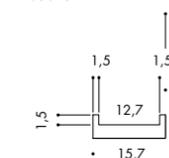
12,5-25,5-12,5 cm  
4"-10"-4"

complementary pieces

Linear painted willow profile (also suitable for outdoor use).  
Top painted willow profile (also suitable for outdoor use) with one shaped end to make clamping easier.



section

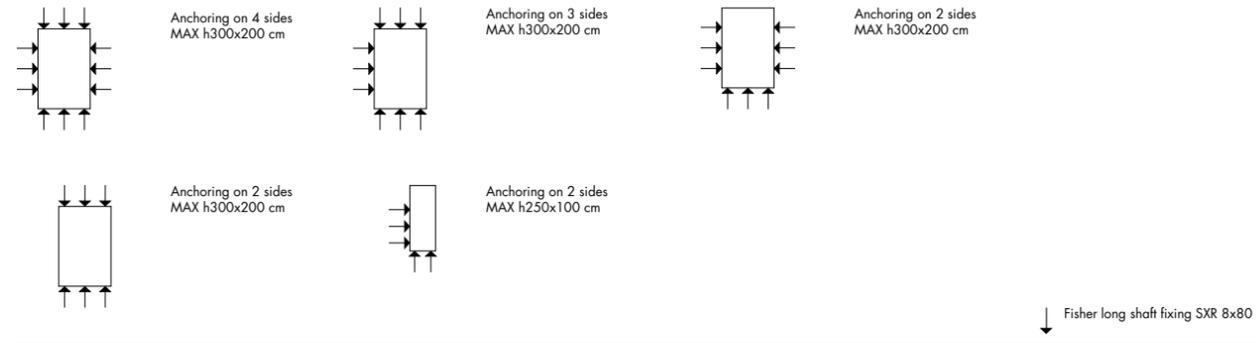


colors



To make the installation of these items easier, a Mutina sealant is now available: an organic and eco-friendly sealing material, which is sold separately.

### wall anchoring scheme



### Laying and maintenance tips

use	Wall – indoor, outdoor.
installation	For installation process see the installation video available on <a href="http://www.mutina.it">www.mutina.it</a>
recommended adhesive	Mutina sealant: solvents-free, eco-friendly organic sealant
recommended joints	–
recommended fillers	–
cleaning at the end of installation	Avoid drippings during installation. If needed the excess can be removed after the product has dried using a tool with a sharp edge.
general cleaning (installed tiles)	–
calibers (real size)	12,5x25,5x12,5 cm with a tolerance of 2 mm (artisanal product)

### Colors



Black

Owl

White

### Technical features

Non structural artisanal partition elements, in tape casting terracotta, 12,5 cm thick. These elements must in any case comply with the technical standards of construction regulation, applicable in the country where they are installed. For the Italian national territory, in particular, they should comply with standard NTC 2018 DECRETO MIN 27/01. This product is suitable for both residential and commercial areas, to be installed with painted willow profile with maximum surfaces of 2mt x 3mt or 3mt x 2mt. A top profile with removable sides is provided for ceiling fixing. In order to achieve an optimal aesthetic outcome we advise to avoid cutting the pieces and install them whole adjusting the wooden willow profile accordingly. This product is suitable for indoor and outdoor areas complying with UNI EN 772-22 marked "F2-extreme exposure".

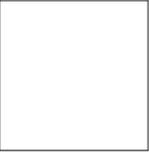
STANDARD	FEATURES	VALUE REQUIRED	MISTRAL
UNI EN 772-16	dimensions	to declare	T2 – R2
UNI EN 772-21:2011	water absorption	to declare	1%
UNI EN 772-5:2016	content of active soluble salts	to declare	S0
UNI EN CEN/TS 772- 22:2006	freeze-thaw resistance	to declare	F2
D.M. 1401/2008	determination of horizontal variable loads	to declare	C2
LEED CERTIFICATION 4.1			5% recycled material
VOC Emission			available upon request
Declaration of Contents			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

### Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
12,5-25,5-12,5 cm	31,40	3	0,091	45	6,60	297,00	4,30

# Numi

collection	Numi
design	Konstantin Grcic, 2015
production	Industrial + Artisanal
material	NUMI A+B: glazed homogeneous porcelain stoneware NUMINI: double charge gres porcelain NUMI plain colour: unglazed porcelain stoneware
features	NUMI: squared and rectified slabs each one exactly the same as the others
thickness	NUMI: 10 mm NUMINI: 6 mm
nominal sizes	NUMI: 60.60 cm (24"-24") NUMI: 30.30 cm (12"-12") NUMINI: 5.5 cm su rete 31,6-31,6 cm (2"-2" on net 12"-12")
specification	NUMI: – 5 base colors: White, Light Grey, Blue, Dark Grey, Black – 5 graphic pattern in version /A and /B version (positive and negative), one for each color – Solid base color: Full color body from extra white raw body to enhance the brightness of the color. The patterns are obtained by an high weight application of extra transparent granular frit. This application is used in artisanal process but in Numi it has been transformed into an industrial application.  NUMINI: The collection is: – 4 base color Climb, Moon, Cliff, Peak, matching the base colors of Numi – 4 texture, one for each colors, matching the pattern of Numi With Numini, the shape idea of Numi, obtained with glossy glaze, is here obtained by pressed texture. Made of double charge porcelain stoneware, each piece is installed on 31,6x31,6 cm sheets. The chromatic range results to be deep and intense, thanks to the matt surface which gives a natural character to the product.
awards	Edida 2016
patents	Registered design n° 002889055-0001/0018 – date of registration: 03/12/2015
category	UNI EN 14411 App G (BIA group) UGL-GL

NUMI	NUMINI
	
60.60 cm 24"-24"	5.5 cm su rete 31,6-31,6 cm 2"-2" on net 12"-12"

## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	NUMI: For an even, smooth shading effect when laying, alternate material from several different boxes. NUMINI: Lay on perfectly flat, dry walls.
recommended adhesive	NUMI: Adhesive for porcelain stoneware NUMINI: NON-RAPID-DRYING adhesive for porcelain stoneware to make it easier to fix the sheets.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Numi: cement-based grout / epoxy grout. To install Numi A and Numi B strictly use only fine-grain grout which does not contain quartz Numini: CEMENT-BASED GROUT: wash thoroughly with clean water. Remove all traces of grout carefully before it dries completely. EPOXY GROUT: wash thoroughly with clean water. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	Numi: 29,75x29,75 cm – 59,7x59,7 cm with 2 mm tolerance

## Colors

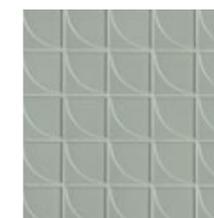
### NUMINI



Climb



Single piece



Moon



Single piece



Cliff



Single piece



Peak



Single piece

## Colors

### NUMI



White



Climb A



Climb B



grout: bianco 50



Light grey



Horizon A



Horizon B



grout: Kerakoll Lissoni 6



Blue



Moon A



Moon B



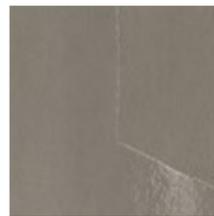
grout: cemento 60



Dark grey



Cliff A



Cliff B



stucco/grout: ash 10



Black



Slope A



Slope B



grout: humus 15

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	NUMI
ISO 10545/3	water absorption	< 0,5%	< 0,5%
ISO 10545/4	breaking strenght	Sp ≥ 7,5 min 1300 N	resistant
ISO 10545/6	resistance to deep abrasion	<175 mm <sup>3</sup>	in conformity
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130 - 04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R11
DIN 51097	-	-	
DCOF			0,61
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

STANDARD	FEATURES	VALUE REQUIRED	NUMINI
ISO 10545/3	water absorption	< 0,5%	< 0,5%
ASTM C373		< 0,5%	< 0,5%
ISO 10545/4	breaking strength	Sp< 7,5 min 700	in conformity
ISO 10545/6	resistance to deep abrasion	<175 mm <sup>3</sup>	in conformity
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R10
DCOF		-	0,58
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request



## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
60-60 cm	2,77	3	1,08	32	22,00	704	34,56
30-30 cm	11,11	11	0,99	22	20,00	440	21,78
numini 31,6-31,6 cm	10,00	5	0,50	90	6,70	603	45,00
skirting 3,8-60 cm	-	10	6,00 ml	-	5,00	-	-
step 33-60-4,5 cm	-	2	1,20 ml	-	9,00	-	-
corner tile 33-60-4,5 cm	-	1	0,60 ml	-	9,60	-	-

# Phenomenon

## Hexagon

collection	Phenomenon
design	Tokujin Yoshioka, 2010/2013
production	Artisanal
material	Unglazed homogeneous porcelain stoneware
thickness	7 mm
nominal sizes	16,5-14,5 cm (6 1/2"-5 45/64")
specification	- 4 colors Bianco, Grigio, Fango, Nero - 1 loose shape - 4 matching color grout - The product is suitable for commercial projects and high traffic areas.
category	UNI EN 14411 App G (BIA group) UGL

### HEXAGON



16,5-14,5 cm  
6 1/2"-5 45/64"

## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints.
recommended fillers	Cement-based grout / epoxy grout. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	-

## Colors



Hexagon Bianco



grout: calce 01



Hexagon Grigio



grout: cream 45



Hexagon Fango



grout: fango 61



Hexagon Nero

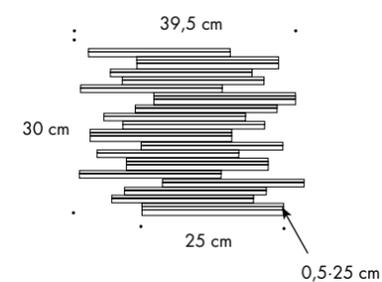


grout: nero 06

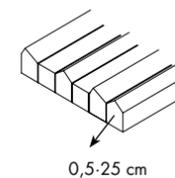
# Phenomenon

collection	Phenomenon
design	Tokujin Yoshioka, 2010 – 2013
production	Artisanal
material	Homogeneous unglazed porcelain stoneware straws, obtained by pressing and fixed on net
thickness	RAIN A: min 5 mm - max 7 mm RAIN B: min 5 mm - max 7 mm RAIN C: 5 mm
nominal sizes	RAIN A: net 25-30 cm (net 9 7/8" - 12") RAIN B: net 25-30 cm (net 9 7/8" - 12") RAIN C: net 25-30 cm (net 9 7/8" - 12")
specification	<ul style="list-style-type: none"> <li>– 4 colors Bianco, Grigio, Fango, Nero</li> <li>– 3 mosaic card shapes on net</li> <li>– 4 matching color grout</li> </ul> <p>– The mosaic is assembled in sheets to give a "handmade look" to the surface. Rain A-B-C, Honeycomb A-B, Rock, Air, Wind, and Hexagon of the series Phenomenon represent the finest of modern-day Italian craftsmanship.</p> <p>– Each mosaic card is individually pressed with a bespoke 100-holes mould, expressly created to achieve a matric and artisanal feeling, then fired through a bespoke, patented, process.</p> <p>– Mutina patented production process and machines (Industrial Patent filed on 02/09/2010 under number MO2010A000247)</p> <p>– The cards are manually assembled accurately by expert hands to build a unique, innovative pattern.</p>
awards	ICFF Editors Award Material 2011, Wallpaper Design Award 2011, Edida 2011, Selected for Adi Design Index 2011, Love Tag Azure Magazine 2012, Red Dot Design Award 2012, Interior Innovation Award 2014, Best of Best 2014
patents	Registered design n° 001912999-0011 – date of registration: 06/09/2011
category	UNI EN 14411 App G (BIA group) UGL

RAIN A



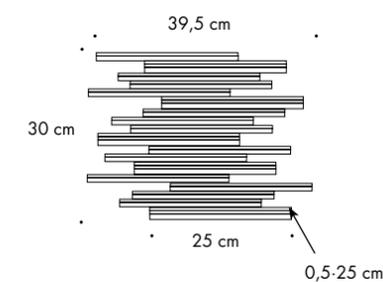
section



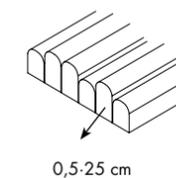
0,5-25 cm

net 25-30 cm  
net 9 7/8" - 12"

RAIN B



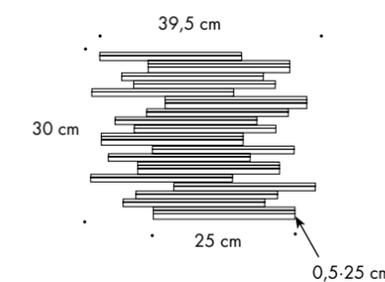
section



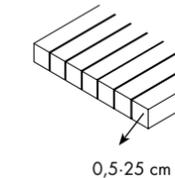
0,5-25 cm

net 25-30 cm  
net 9 7/8" - 12"

RAIN C



section



0,5-25 cm

net 25-30 cm  
net 9 7/8" - 12"

## Colors

### RAIN A



Rain A Bianco



Rain A Grigio



Rain A Fango



Rain A Nero

### RAIN B



Rain B Bianco



Rain B Grigio



Rain B Fango



Rain B Nero

### RAIN C



Rain C Bianco



Rain C Grigio



Rain C Fango



Rain C Nero

grout: calce 01

grout: cream 45

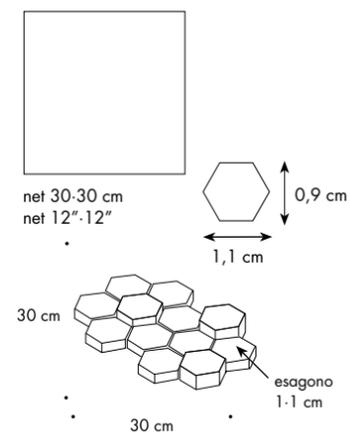
grout: fango 61

grout: nero 06

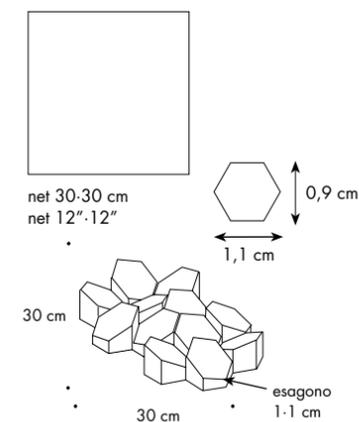
# Phenomenon

collection	Phenomenon
design	Tokujin Yoshioka, 2010 - 2013
production	Artisanal
material	Homogeneous unglazed porcelain stoneware tesserae, obtained by pressing and fixed on net
thickness	HONEYCOMB A: min 5 mm - max 6 mm HONEYCOMB B: min 6 mm - max 8 mm ROCK: 5 mm AIR: 8 mm WIND: 7 mm
nominal sizes	HONEYCOMB A: rete/net 30-30 cm (rete/net 12"-12") HONEYCOMB B: rete/net 30-30 cm (rete/net 12"-12") ROCK: rete/net 29-29 cm (rete/net 11 13/16"-11 13/16") AIR: rete/net 30-30 cm (rete/net 12"-12") WIND: rete/net 25-25 cm (rete/net 10"-10")
specification	<ul style="list-style-type: none"> <li>- 4 colors Bianco, Grigio, Fango, Nero</li> <li>- 5 mosaic card shapes on net</li> <li>- 4 matching color grout</li> </ul> <p>- The mosaic is assembled in sheets to give a "handmade look" to the surface. Rain A-B-C, Honeycomb A-B, Rock, Air, Wind, and Hexagon of the series Phenomenon represent the finest of modern-day Italian craftsmanship.</p> <p>- Each mosaic card is individually pressed with a bespoke 100-holes mould, expressly created to achieve a materic and artisanal feeling, then fired through a bespoke, patented, process.</p> <p>- Mutina patented production process and machines (Industrial Patent filed on 02/09/2010 under number MO2010A000247)</p> <p>- The cards are manually assembled accurately by expert hands to build a unique, innovative pattern.</p>
awards	ICFF Editors Award Material 2011, Wallpaper Design Award 2011, Edida 2011, Selected for Adi Design Index 2011, Love Tag Azure Magazine 2012, Red Dot Design Award 2012, Interior Innovation Award 2014, Best of Best 2014
patents	Registered design n° 001912999-0011 - date of registration: 06/09/2011 Registered design n° 002336909-0001/0004 - date of registration: 31/10/2013
category	UNI EN 14411 App G (BIA group) UGL

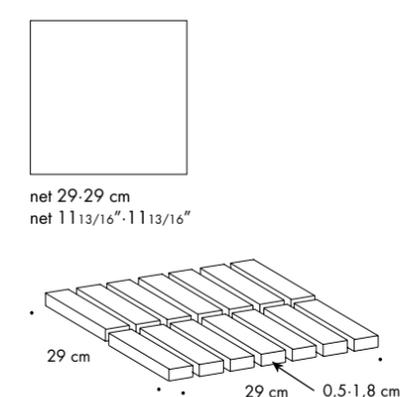
### HONEYCOMB A



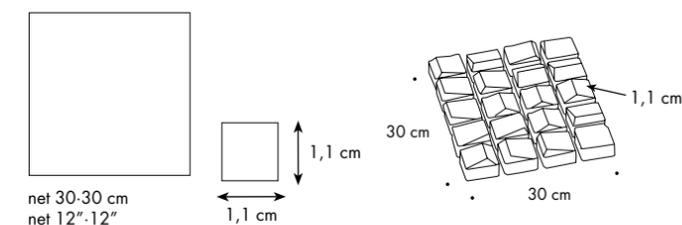
### HONEYCOMB B



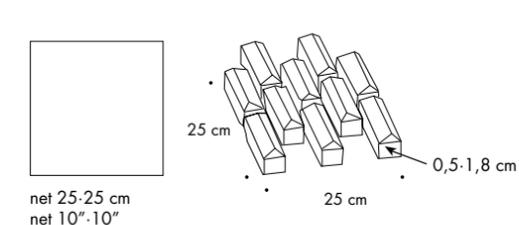
### ROCK



### AIR



### WIND



## Laying and maintenance tips

use	Floor (ROCK, HONEY A), wall (ROCK, HONEY A, WIND, AIR, HONEY B, RAIN A-B-C) – indoor, outdoor.
installation	Lay on perfectly flat, dry walls.
recommended adhesive	NON-RAPID-DRYING adhesive for porcelain stoneware to make it easier to fix the sheets.
recommended joints	2mm joints.
recommended fillers	CEMENT-BASED GROUT: (all mosaics). Grout 0.5 m <sup>2</sup> at a time and wash thoroughly with clean water. Remove all traces of grout carefully before it dries completely. EPOXY GROUT: (rock, honey A only). Grout 0.5 m <sup>2</sup> at a time and wash thoroughly with clean water. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	–

## Colors

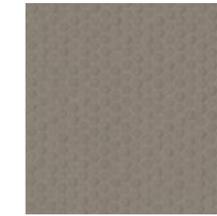
### HONEYCOMB A



Honeycomb A Bianco



Honeycomb A Grigio



Honeycomb A Fango



Honeycomb A Nero

### HONEYCOMB B



Honeycomb B Bianco



Honeycomb B Grigio



Honeycomb B Fango

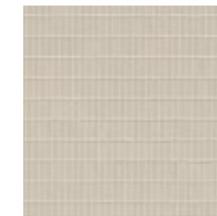


Honeycomb B Nero

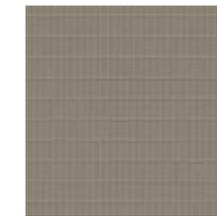
### ROCK



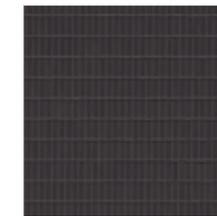
Rock C Bianco



Rock C Grigio



Rock C Fango



Rock C Nero

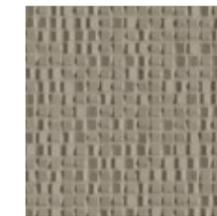
### AIR



Air Bianco



Air Grigio



Air Fango



Air Nero

### WIND



Wind Bianco



Wind Grigio



Wind Fango



Wind Nero



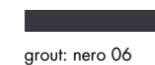
grout: calce 01



grout: cream 45



grout: fango 61



grout: nero 06

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	PHENOMENON HEXAGON
ISO 10545/3	water absorption	< 0,5%	0,1%
ISO 10545/4	breaking strenght	Sp < 7,5 min 700	in conformity with standard
ISO 10545/6	resistance to deep abrasion	< 175 mm <sup>3</sup>	in conformity with standard
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ISO 10545/12	frost resistance	no visible alteration	resistant
ISO 10545/13	resistance to chemical attacks	minimum B	A
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	-	-
DIN 51097		-	-
DCOF		> 0,42	0,66
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
hexagon 16,5-14,5 cm	55,40	36	0,65	72	10,30	742,00	46,80
rain A net 25-30 cm	13,34	5	0,375	60	4,55	273,00	22,50
rain B net 25-30 cm	13,34	5	0,375	60	4,55	273,00	22,50
rain C net 25-30 cm	13,34	5	0,375	60	4,55	273,00	22,50
honeycomb A net 30-30 cm	11,11	8	0,72	42	7,50	315,00	30,24
honeycomb B net 30-30 cm	11,11	8	0,72	42	8,55	315,00	30,24
rock net 29-29 cm	11,90	11	0,92	42	8,10	340,00	38,64
air net 30-30 cm	11,11	11	0,99	42	10,10	424,00	41,58
wind net 25-25 cm	16,00	8	0,50	60	5,60	336,00	30,00
raccordo esterno honeycomb A+B 9,4-7,6-7,3 cm	86 ml	26	0,30	-	0,05	-	-

# Piano

collection	Piano
design	Ronan & Erwan Bouroullec, 2017
production	Industrial
material	Glazed homogeneous porcelain stoneware
thickness	10 mm
nominal sizes	10-30 cm (4"-12") 7,5-30 cm (3"-12")
specification	The collection is: - 6 color moods - Double charge tile body - High-Thickness color glaze stripes - 5 Double charge bodies: white, grey, rose, green and blue - 8 colored glazes: white, beige, light grey, medium grey, dark grey, rose, green and blue - Each color mood has a pre-selected combination of matching colors
patents	Registered design n° 004427748-0001/0027 - date of registration: 31/10/2017
category	UNI EN 14411 App G (BIA group) GL

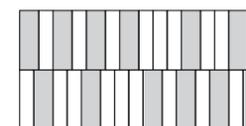


10-30 cm  
4"-12"



7,5-30 cm  
3"-12"

### features



this scheme represents the contents of 1 box (30 pieces). Each set consists of two matching rectangular sizes (7,5-30 cm and 10-30 cm) boxed together. Each box contains 40% of pieces in size 10-30 cm and 60% of pieces in size 7,5-30 cm.

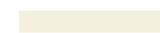
## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	The material is deliberately shaded.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	10 cm x 30 cm -> 98 mm x 299 mm 7,5 cm x 30 cm -> 73 mm x 299 mm

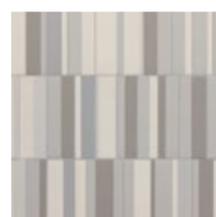
## Colors



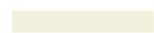
Blanc



grout: bianco 50



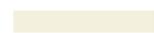
Blanc gris



grout: bianco 50



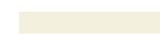
Blanc rose



grout: bianco 50



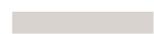
Blanc bleu vert



grout: bianco 50



Gris vert



grout: Kerakoll Lissoni 6



Gris bleu



grout: Kerakoll Lissoni 6

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	PIANO
ISO 10545/3	water absorption	< 0,5%	in conformity with standard
ASTM C373		< 0,5%	in conformity with standard
ISO 10545/4	breaking strenght	Sp ≥ 7,5 min 1300 N	resistant
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R10
DIN 51097		-	-
DCOF		> 0,42	0,63
Pendulum AS/NSZ 4586-13			31 P2
LEED CERTIFICATION 4.1			20% recycled material
Robinson Test		-	extra heavy and high impact use
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request



## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
7,5-30 / 10-30 cm	39,47	30	0,76	56	16,30	913	42,56

# Pico

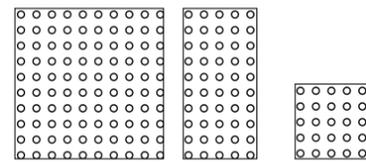
collection	Pico
design	Ronan & Erwan Bouroullec, 2011 – 2015
production	Industrial
material	Unglazed homogeneous porcelain stoneware
features	Squared and rectified slabs each one exactly the same as the others
thickness	12 mm
nominal sizes	120·120 cm (47"· 47") 60·120 cm (24"· 47") 60·60 cm (24"· 24")
specification	<ul style="list-style-type: none"> <li>– 2 base colors: Blanc, Gris</li> <li>– 2 relief and bas-relief 1,5 mm dotted textures (UP and DOWN)</li> <li>– Mixed color tones clay to achieve a matric and natural feeling</li> <li>– Silk-screen decoration (no digital printing) with perfectly centered color dots</li> <li>– Continua technology pressing process after decoration</li> </ul>
complementary pieces	Step, Corner tile, Skirting
awards	Red Dot Design Award 2012, Selected for Adi Design Index 2012
patents	Registered design n° 001912999-0011 – date of registration: 06/09/2011
category	UNI EN 14411 App G (BIA group) UGL

## PICO DOWN



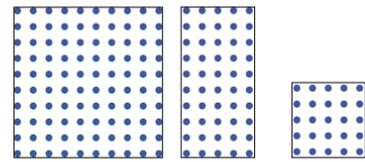
section

### down natural



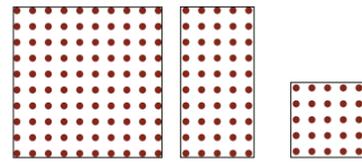
120·120 cm 47"· 47"  
60·120 cm 24"· 47"  
60·60 cm 24"· 24"

### blue dots



120·120 cm 47"· 47"  
60·120 cm 24"· 47"  
60·60 cm 24"· 24"

### red dots



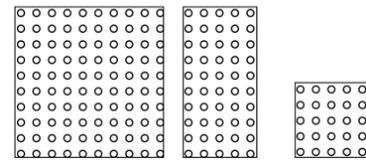
120·120 cm 47"· 47"  
60·120 cm 24"· 47"  
60·60 cm 24"· 24"

## PICO UP



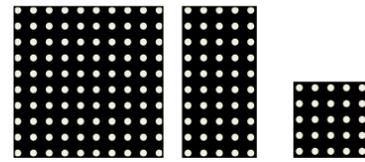
section

### up natural



120·120 cm 47"· 47"  
60·120 cm 24"· 47"  
60·60 cm 24"· 24"

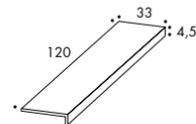
### up



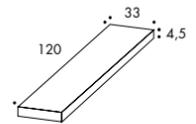
120·120 cm 47"· 47"  
60·120 cm 24"· 47"  
60·60 cm 24"· 24"

## complementary pieces

step  
33·120·4,5 cm  
13"· 47"· 1 7/8"

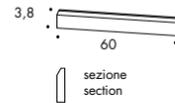


corner tile  
33·120·4,5 cm  
13"· 47"· 1 7/8"



skirting  
3,8·60 cm  
2"· 24"

available only  
in down natural

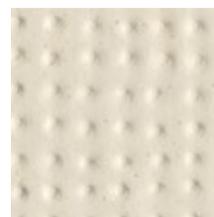


## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes. The double spreading technique is recommended for the 120x120 size.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	60 cm x 60 cm -> 594 mm x 594 mm 120 cm x 120 cm -> 594 mm x 1190 mm 120 cm x 120 cm -> 1190 mm x 1190 mm

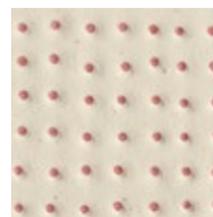
## Colors

### BLANC

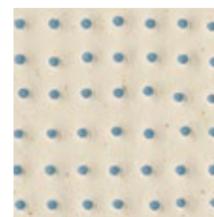


Down natural blanc

grout: bianco 50



Red dots blanc

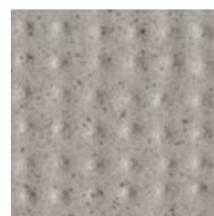


Blue dots blanc



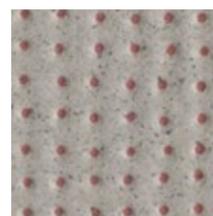
Up natural blanc

### GRIS



Down natural gris

grout: Kerakoll ferro 08



Red dots gris

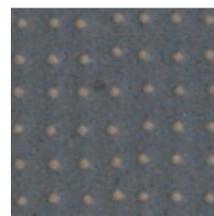


Blue dots gris



Up natural gris

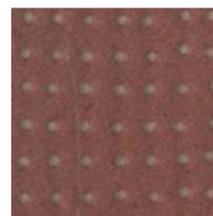
### BLUE



Up blue

grout: Kerakoll ferro 08

### RED



Up red

grout: ecrù 52

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	PICO
ISO 10545/2	SIZES  length and width thickness straightness of edges wedging flatness	$\pm 0,6\%$ $\pm 5\%$ $\pm 0,5\%$ $\pm 0,6\%$ $\pm 0,5\%$	in conformity with standard
ISO 10545/3	water absorption	< 0,5%	0,06%
ASTM C373		< 0,5%	0,06%
ISO 10545/4	breaking strength	$\geq 35$ N/mm	61,2 N/mm <sup>2</sup>
ISO 10545/6	resistance to deep abrasion	<175 mm <sup>3</sup>	in conformity
EN 101	surface hardness (scala mohs)	> 5	8
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	UP R11 DOWN R11
DIN 51097			UP B DOWN A
DCOF		> 0,42	UP 0,59 DOWN 0,70
Pendulum BS7976-2			UP 53 dry - 38 wet DOWN 49 dry - 31 wet
LEED CERTIFICATION 4.1			20% recycled material
ENVIROMENTAL MANAGEMENT SYSTEM ISO 14000 E ISO 9001			
 UPEC			available upon request
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

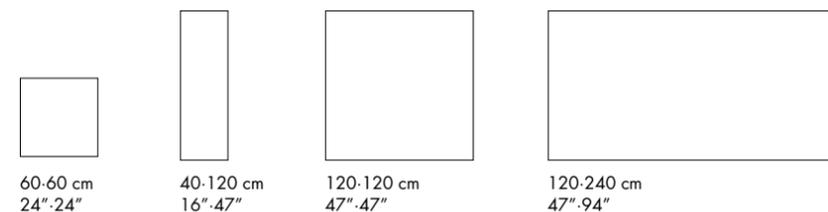
## Packing

SIZE	PCS-SQM	SQM-PCS	PCS-PAL	KG-PCS	KG-PAL	SQM-PAL
120-120 cm	0,69	1,44	36	38,30	1379	51,84

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
60-120 cm	1,38	2	1,44	24	38,65	928,00	34,56
60-60 cm	2,77	3	1,08	32	29,00	928,00	34,56
step 33-120-4,5 cm	-	2	2,40 ml	-	26,00	-	-
corner tile 33-120-4,5 cm	-	1	1,20 ml	-	13,50	-	-
skirting 3,8-60 cm	-	10	6 ml	-	5,00	-	-

# Primavera

collection	Primavera
design	Edward Barber & Jay Osgerby, 2018
production	Industrial
material	Unglazed porcelain stoneware
thickness	6 mm
nominal sizes	120-240 cm (47"-94") 120-120 cm (47"-47") 40-120 cm (16"-47") 60-60 cm (24"-24")
specification	- 5 colors - Solid ceramic flakes included in the tiles' surface (no digital printing) randomly applied on the surface and dry-pressed with Continua Plus technology for a non-repetitive graphic pattern - Soft-Shaded base color surface created using patented Soluble-salt-technology (no digital printing) - UGL unglazed technical product that allows its use both for floors and walls, inside and outside and suitable for high traffic areas
awards	German Design Awards 2020 2019 Archiproducts Design Award (Primavera Grigio)
patents	Registered design n° 006336608-0001/0037 - date of registration: 26/03/2019
category	UNI EN 14411 App G (BIA group) UGL



## Laying and maintenance tips

use	Floor, wall – indoor, outdoor, ventilated facade (after applying safety fibre).
installation	Check the flatness with a 2 metre long straight edge, by placing it on the screed in all directions. Maximum permissible tolerance 3 mm. Use specific self-levelling products if the difference is greater.
recommended adhesive	For tiling a floor on substrates such as cement and anhydrite screed (after applying a primer), Class C2S2 cementitious adhesives are normally used for the largest format. On floor heating, even smaller formats must be laid with Class C2S2 cementitious adhesives. On pre-existing or old ceramic tiled floors, it is advisable to use quick-setting adhesives.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cementitious grout / epoxy grout.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	120cm x 240cm -> 1190mm x 2382mm 120cm x 120cm -> 1190mm x 1190mm 40cm x 120cm -> 396mm x 1190mm 60cm x 60cm-> 594mm x 594mm

## Colors



Bianco

grout: fog 55



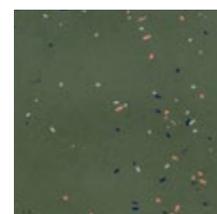
Grigio

grout: cemento 60



Nero

grout: nero 06



Verde

grout: olive 64



Blu

grout: Kerakoll Lissoni 14

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	PRIMAVERA
ISO 10545/3	water absorption	< 0,5%	in conformity with standard
ISO 10545/6	resistance to deep abrasion UGL	≤ 175mm <sup>3</sup>	in conformity with standard
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ISO 10545/12	frost resistance	no visible alteration	resistant
ISO 10545/13	resistance to acids and alkalis (low and high concentration)	declared value	A A
	resistance to household cleaning agents and swimming pool chemicals	minimum class B	A A
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130 - 04	slip resistance	medium values	
		6÷10°	R9
		10÷19°	R10
		19÷27°	R11
		27÷35°	R12
> 35°	R13		
DIN 51097		–	–
DCOF		> 0,42	0,51
LEED CERTIFICATION 4.1			14% recycled material
<b>ENVIRONMENTAL MANAGEMENT SYSTEM ISO 14000 AND ISO 9001</b>			
Robinson Test			heavy use
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request



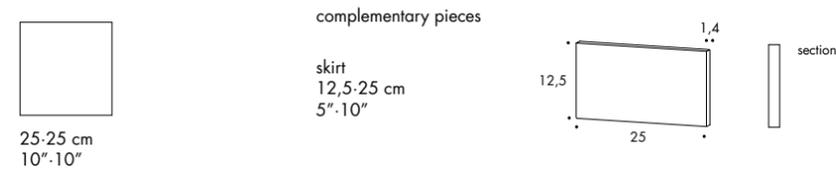
V3  
variazione moderata  
moderate variation

## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
120-120 cm	0,69	2	2,88	20	39,50	790	57,60
40-120 cm	2,08	4	1,92	36	26,00	936	69,12
120-240 cm	0,35	1	2,88	22	39,00	858	63,36
60-60 cm	2,77	4	1,44	44	20	880	63,36

# Puzzle

collection	Puzzle
design	Barber & Osgerby, 2016
production	Industrial
material	Glazed porcelain stoneware
thickness	14 mm
nominal sizes	25.25 cm (10"·10")
specification	<ul style="list-style-type: none"> <li>- 8 color ranges.</li> <li>Each color range is composed of: <ul style="list-style-type: none"> <li>- 1 Set of 6 different graphic patterns using 3 color</li> <li>- 3 plain tiles in the 3 base color of each range</li> <li>- 1 set of 2 symmetrical edge patterns, in 2 of the 3 plain color</li> <li>- 14 mm thickness with grey solid body</li> <li>- 5 surface textures for a hand-painted effect</li> </ul> </li> </ul>
complementary pieces	Skirt
awards	Edida China 2016, Best of Year 2016, HD Award 2017
patents	Registered design n° 003065440 – date of registration: 12/04/2016
category	UNI EN 14411 App G (BIA group) GL



## features

All colors

stucco/grout: calce 01

stucco/grout: nero 06

POWDER

SMOKE

COAL

ANGLESEY

EDGE SMOKE

SET OF PATTERN  
6 pattern grafici  
6 graphic patterns

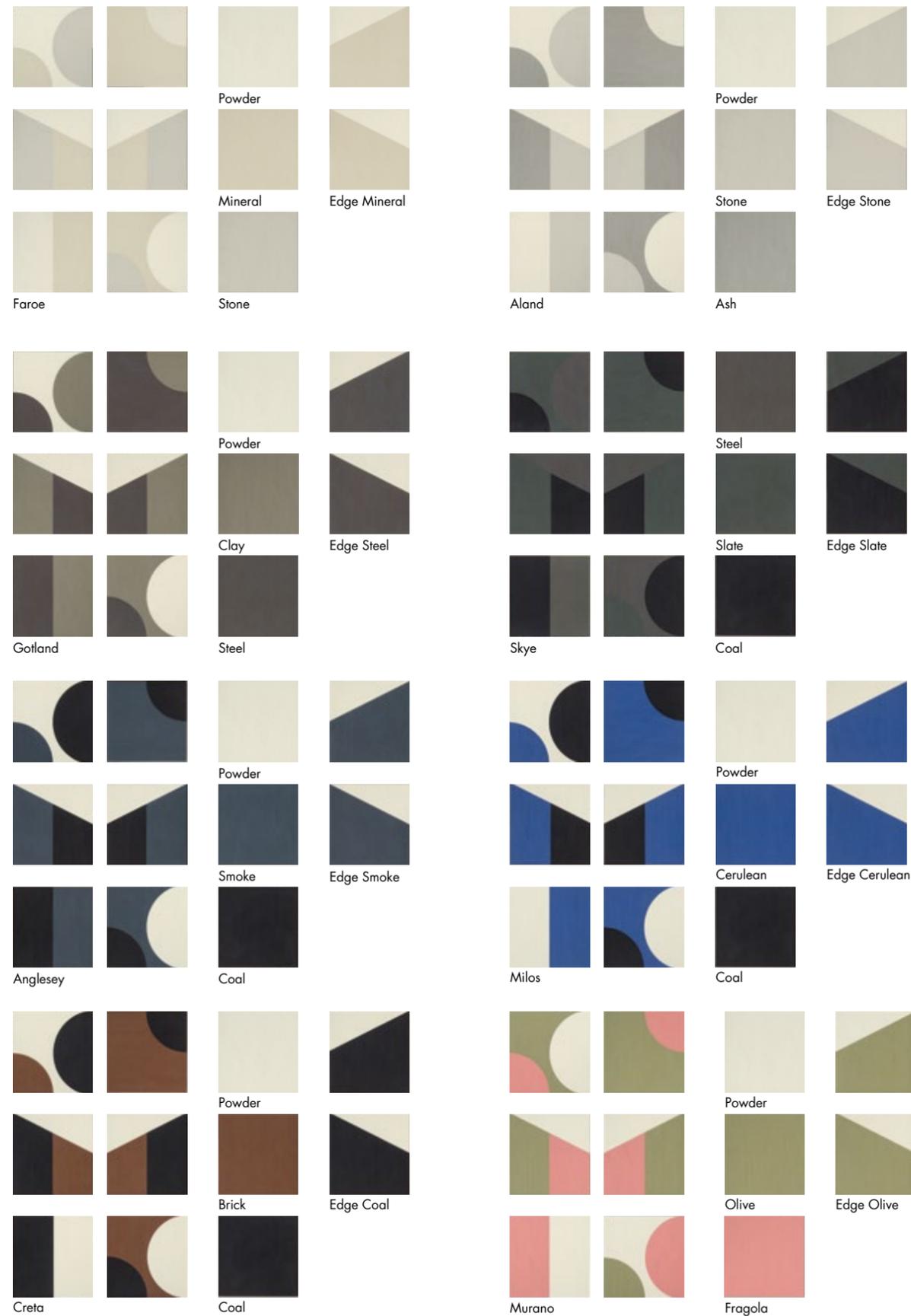
FONDI/PLAIN TILES  
3 fondi tinta unita in 3  
differenti colori  
3 plain tiles in 3 different  
colours

EDGE  
2 patterns  
Edge speculari  
2 symmetrical  
Edge patterns

## Laying and maintenance tips

use	Floor, wall – indoor, outdoor
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout.
cleaning at the end of installation	<p>CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water.</p> <p>EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad.</p> <p>SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite.</p> <p>PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable.</p> <p>RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.</p>
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	cal 1 : 251x251 - cal 0 : 249x249 - cal 9 : 247x247 (calibers depend on the production lot, we recommend to ask in advance)

## Colors



## Technical features

STANDARD	FEATURES	VALUE REQUIRED	PUZZLE
ISO 10545/3	water absorption	< 0,5%	0,06%
ASTM C373		< 0,5%	0,06%
ISO 10545/4	breaking strength	Sp ≥ 7,5 min 1300N	resistant
	breaking strenght classification		U4 (heavy weights)
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R10
DIN 51097		–	C
DCOF		> 0,42	0,68
Pendulum AS/NSZ 4586-13			46 P4
LEED CERTIFICATION 4.1			20% recycled material
Robinson Test			moderate use
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

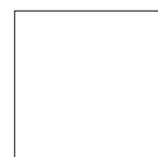
## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
25·25 cm	16	12	0,75	60	23,50	1410	45,00
set of 6 patterns 25·25 cm	16	12	0,75	60	23,50	1410	45,00
edge 25·25 cm	16	12	0,75	60	23,50	1410	45,00
skirting 12,5·25 cm	–	10	2,50 ml	–	9,80	–	–

# Rombini

collection	Rombini
design	Ronan & Erwan Bouroullec, 2015
production	Industrial + Artisanal
material	CARRÉ: glazed porcelain stoneware. LOSANGE: double charge porcelain. TRIANGLE: glazed pressed body.
features	CARRÉ: squared and rectified slabs each one exactly the same as the others
thickness	CARRÉ: 11 mm TRIANGLE: 22 mm LOSANGE: 4,7 mm
nominal sizes	CARRÉ: 40.40 cm (16".16") TRIANGLE SMALL: 5 pcs 31,5-3,5-2,2 cm (12".1".1"), on net 18,6-31,5 cm (7".12") TRIANGLE LARGE: 3 pcs 31,5-6-2,2 cm (12".2".1"), on net 18,6-31,5 cm (7".12") LOSANGE: 27,5-25,7 cm (11".10")
specification	<p>CARRÉ:</p> <ul style="list-style-type: none"> <li>- 2 engraved textures: Uni and Light</li> <li>- 1 base color on Uni texture</li> <li>- 4 color families. Each families is composed of solid color on Uni texture and bicolor version on Light texture</li> <li>- Uni and Light version match each other on the same color</li> </ul> <p>Carré, 40x40 rectified slabs in glazed porcelain stoneware, are produced on a mould made of many little embossing diamonds on a matt surface which gives a strong ceramic identity to the collection. Carré is available in two versions: Uni, where colour is evenly distributed throughout the whole slab, and Light, where colour is used to underline the white diamonds outlines.</p> <p>LOSANGE:</p> <ul style="list-style-type: none"> <li>- 4 base color Grey, Blue, Green and Red</li> <li>- 4 tone sur tone grout</li> <li>- 1 base color White</li> <li>- 1 tone sur tone grout + 4 grouts matching the 4 base colors</li> </ul> <p>With Losange, the shape of the rhombus becomes bigger and turns into a chip of a mosaic. Made of double charge porcelain stoneware, each piece is installed on 27,5x25,7 cm sheets. The chromatic range results to be deep and intense, thanks to the matt surface which gives a natural character to the product. Even in this case the element is available in two versions, through the usage of matching or with contrasting grout, for a stronger vibration.</p> <p>TRIANGLE:</p> <ul style="list-style-type: none"> <li>- 2 shapes: Small and Large</li> <li>- 5 colors</li> </ul> <p>Complementary Pieces:</p> <ul style="list-style-type: none"> <li>- Terminal Small and Large in 5 colors</li> <li>- "Listello" in 5 colors</li> </ul> <p>In Triangle, the shape of the rhombus is interpreted in its three-dimensional shape, in order to create games of lights and shadow on the surface: the elements, made in Large and Small versions, seem to arise from the floor and to carry on the wall covering.</p> <ul style="list-style-type: none"> <li>- The Triangle's shape is obtained by pressing in special-made 3D mould, then glazed, cut and assembled on net.</li> <li>- Being assembled on a net (like a mosaic) Triangle can be used also on concave or convex curved surfaces.</li> </ul>
complementary pieces	LOSANGE: Raccordo TRIANGLE: Terminal Small and Large in 5 colors, "Listello" in 5 colors
awards	Archiproducts Design Award 2016
patents	Registered design n° 002889055-0019/0024 - date of registration 03/12/2015
category	Carré UNI EN 14411 App G (BIA group) GL Losange UNI EN 14411 App G (BIA group) UGL Triangle UNI EN 14411 App J (BIA group) GL

## CARRÉ



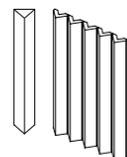
40.40 cm  
16".16"

## LOSANGE



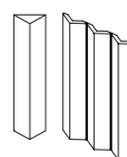
27,5-25,7 cm  
11".10"

## TRANGLE SMALL



5 pcs 31,5-3,5-2,2 cm  
12".1".1"  
on net 18,6-31,5 cm  
7".12"

## TRANGLE LARGE



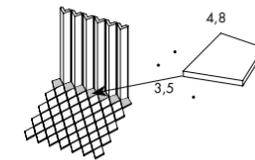
3 pcs 31,5-6-2,2 cm  
12".2".1"  
on net 18,6-31,5 cm  
7".12"

## complementary pieces

### Raccordo Losange - Triangle Small

3,5-4,8 cm  
2".2"

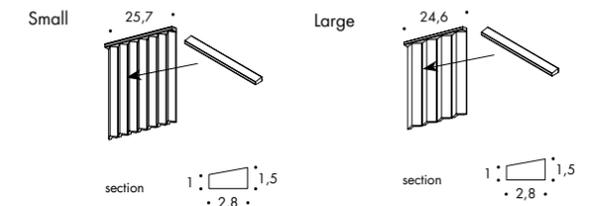
Chips of mosaics with particular sizes to be used as a connector between Losange and Triangle Small. Product sold in bulk. Available in all colours of the collection.



### Terminal Small/Large

Small: 25,7· H 1,5· 2,8 cm  
10". H 1".2"  
Large: 24,6· H 1,5· 2,8 cm  
10". H 1".2"

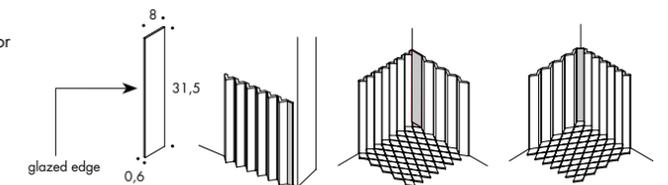
Closing piece available in all colours of the collection. 1 piece of Terminal Small is modular with 7 pieces of Triangle Small. 1 piece of Terminal Large is modular with 4 pieces of Triangle Large.



### Listello di chiusura

8· 31,5· 0,6 cm  
3". 12".1"

Listello with a glazed edge to be used in the corner as wall closure or as a connector between Triangle (Small and Large) and Losange. Available in all colours of the collection.



## Carré

### Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout Grout 1 m <sup>2</sup> at a time and wash thoroughly with clean water. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	40 cm x 40 cm -> 397 mm x 397 mm

## Losange

### Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	Lay on perfectly flat, dry walls
recommended adhesive	NON-RAPID-DRYING adhesive for porcelain stoneware to make it easier to fix the sheets.
recommended joints	Place the sheets with the same joint as within the sheet.
recommended fillers	CEMENT-BASED GROUT: wash thoroughly with clean water. Remove all traces of grout carefully before it dries completely. EPOXY GROUT: wash thoroughly with clean water. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	–

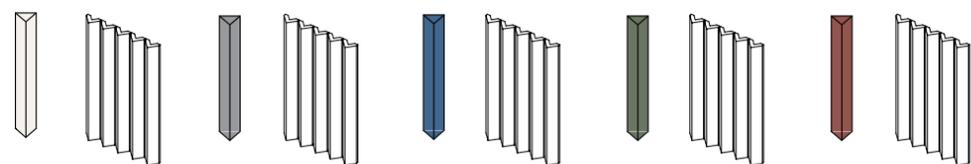
## Triangle

### Laying and maintenance tips

use	Wall – indoor, outdoor.
installation	Lay on perfectly flat, dry walls.
recommended adhesive	NON-RAPID-DRYING adhesive for porcelain stoneware to make it easier to fix the sheets.
recommended joints	Place the sheets with the same joint as within the sheet.
recommended fillers	CEMENT-BASED GROUT: Grout 0.5 m <sup>2</sup> at a time and wash thoroughly with clean water. Remove all traces of grout carefully before it dries completely. EPOXY GROUT: Grout 0.5 m <sup>2</sup> at a time and wash thoroughly with clean water. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	–

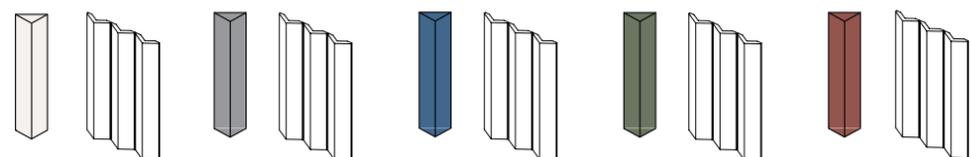
## Colors

### TRIANGLE SMALL



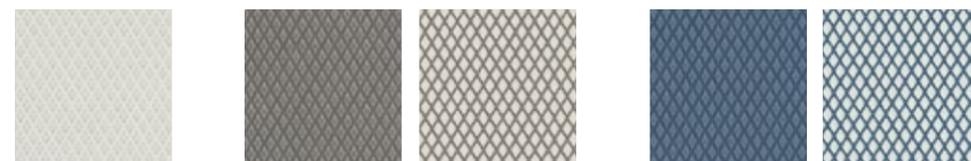
Triangle Small White Triangle Small Grey Triangle Small Blue Triangle Small Green Triangle Small Red

### TRIANGLE LARGE



Triangle Large White Triangle Large Grey Triangle Large Blue Triangle Large Green Triangle Large Red

### CARRÉ



Carré Uni White Carré Uni Grey Carré Light Grey Carré Uni Blue Carré Light Blue



skirting Carré Uni  
3,8-40 cm (2"-1 6")  
White, Grey, Blue,  
Green, Red

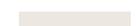


Carré Uni Green Carré Light Green Carré Uni Red Carré Light Red

### LOSANGE



Losange White Losange Grey Losange White Losange Blue Losange White



grout: calce 01



grout: cemento 60



grout: Kerakoll Lissoni 14



Losange Green Losange White Losange Red Losange White



grout: piombo 53



grout: Kerakoll Lissoni 35

## Carré

### Technical features

STANDARD	FEATURES	VALUE REQUIRED	ROMBINI CARRÉ
ISO 10545/3	water absorption	< 0,5%	< 0,5%
ASTM C373		< 0,5%	< 0,5%
ISO 10545/4	breaking strenght	Sp ≥ 7,5 min 1.300 N	resistant
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	GA-GLA
ASTM C650			GA-GLA
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R10
DIN 51097		-	-
DCOF		> 0,42	0,54 Uni 0,74 Light
Pendulum AS/NSZ 4586-13			26 P2 Light 22 P1 Uni
Pendulum ENV 1263:2006			47 P3 Light 21 P1 Uni
LEED CERTIFICATION 4.1			6% recycled material
Robinson Test		-	
LRV ASTM C609-07			73 / 73,2 / 73,1
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request
<b>MANAGEMENT SYSTEM CERTIFICATE ISO 9001: 2004</b>			

# Losange

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	ROMBINI LOSANGE
ISO 10545/3	water absorption	< 0,5%	< 0,5%
ASTM C373		< 0,5%	< 0,5%
ISO 10545/4	breaking strength	Sp<7,5 min 700	in conformity
ISO 10545/6	resistance to deep abrasion	<175 mm3	in conformity
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values 6±10° R9 10±19° R10 19±27° R11 27±35° R12 > 35° R13	R10
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

# Triangle

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	ROMBINI TRIANGLE
ISO 10545/3	water absorption	3% < x < 6%	in conformity
ISO 10545/9	thermal shock resistance	no alteration	no alteration
ISO 10545/13	acids and alkalis resistance	min B	A
ISO 10545/14	stains resistance	class 3	class 5
LEED 4.1		-	24% recycled material
Robinson Test		-	
VOC Emission			
Declaration of Contents			
SDS			
BPD3			
HPD			

## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
carré 40-40 cm	6,25	8	1,28	48	28,12	1350	61,44
skirting 3,8-40 cm	-	10	4,00 ml	-	3,25	-	-
losange 27,5-25,7 cm	14,00	7	0,50	90	5,00	450	45,00
raccordo losange - triangle small 3,5-4,8 cm	-	-	-	-	-	-	-
triangle small su rete/ on net 18,6-31,5 cm	17	9	0,53	63	11,00	693	33,40
triangle large su rete/ on net 18,6-31,5 cm	17	9	0,53	63	10,00	630	33,40
terminal small	-	10	2,57 ml	-	3,25	-	-
terminal large	-	10	2,46 ml	-	3,25	-	-
listello di chiusura 8-31,5-0,6 cm	-	-	-	-	-	-	-



# Tape

collection	Tape
design	Raw Edges, 2017
production	Industrial
material	Glazed porcelain stoneware
thickness	10 mm
nominal sizes	20,5-20,5 cm (8"-8")
specification	<ul style="list-style-type: none"> <li>- 2 base color: White and Black</li> <li>- 8 graphic patterns (full pattern)</li> <li>- 8 graphic "half patterns" to create connections and a soft blend on one pattern with the other</li> <li>- 5 combinations of base+colored patterns: 1 on Black base and 4 on White base</li> <li>- Though the tile is NON RECTIFIED the patterns are perfectly centered to obtain a continuous and homogeneous surface</li> <li>- 5 different glazing surface textures random mixed</li> </ul>
patents	Registered design n° 004427748-0001/0027 - date of registration: 31/10/2017
category	UNI EN 14411 App G (BIA group) GL



20,5-20,5 cm  
8"-8"

## Laying and maintenance tips

use	Floor, wall - indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout.
cleaning at the end of installation	<p><b>CEMENT-BASED GROUT:</b> Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water.</p> <p><b>EPOXY GROUT:</b> Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad.</p> <p><b>SILICONE:</b> Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite.</p> <p><b>PAINT:</b> Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable.</p> <p><b>RUST:</b> stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.</p>
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	20,5 cm x 20,5 cm non rectified with 2mm tolerance

## Colors



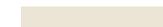
Base Black



grout: Nero 06



Base White



grout: Calce 01



Base White



grout: Calce 01



Mesh Half Black



Mesh Black



Mesh Half White



Mesh White



Mesh Half Brown



Mesh Brown



Cobble Half Black



Cobble Black



Cobble Half White



Cobble White



Cobble Half Brown



Cobble Brown



Grainy Half Black



Grainy Black



Grainy Half White



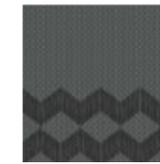
Grainy White



Grainy Half Brown



Grainy Brown



Zigzag Half Black



Zigzag Black



Zigzag Half White



Zigzag White

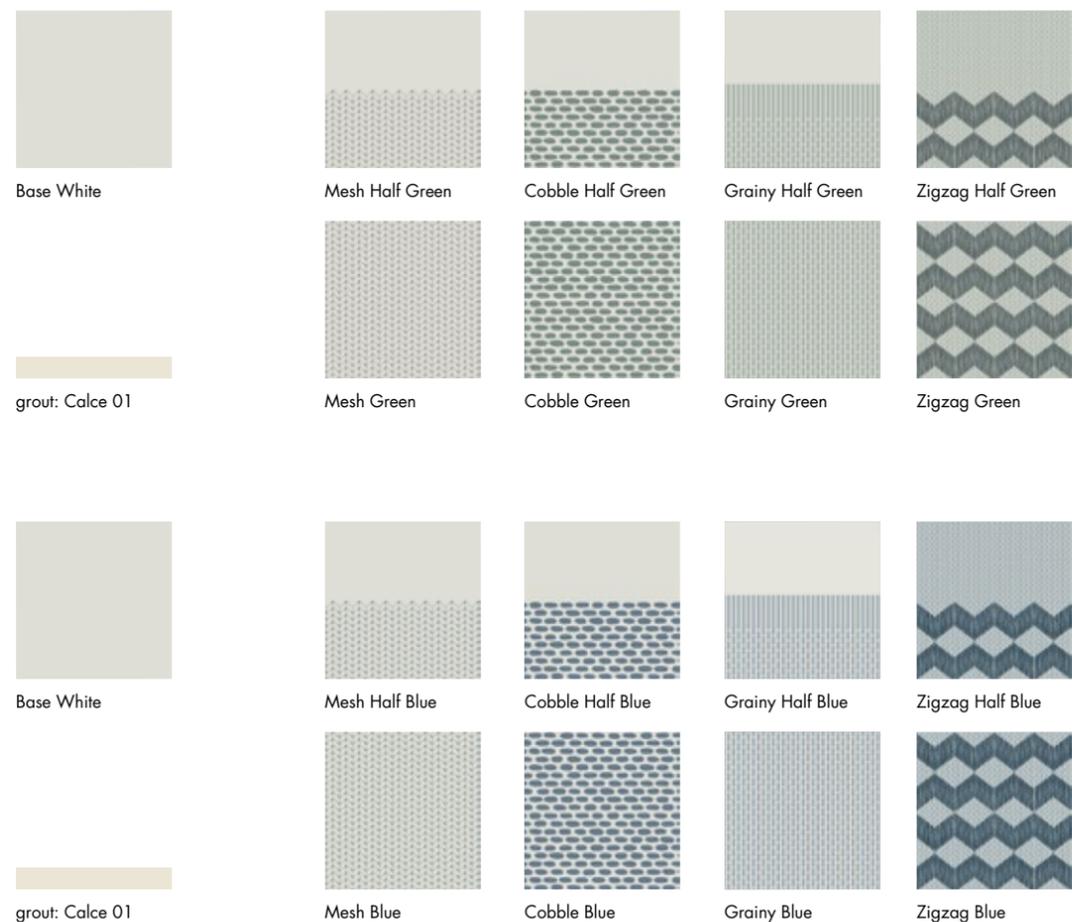


Zigzag Half Brown



Zigzag Brown

## Colors



## Technical features

STANDARD	FEATURES	VALUE REQUIRED	TAPE
ISO 10545/3	water absorption	< 0,5%	0,06%
ISO 10545/4	breaking strenght	Sp ≥ 7,5 min 1300 N	resistant
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ISO 10545/12	frost resistance	no visible alteration	resistant
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R10
DIN 51097		-	-
DCOF		> 0,42	0,69
Pendulum AS/NSZ 4586-13			27 P2
LEED CERTIFICATION 4.1			20% recycled material
Robinson Test			heavy use (zig zag half white)
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

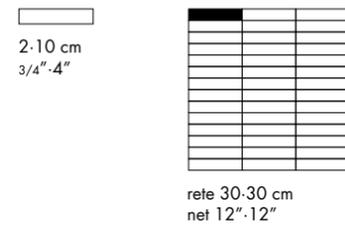


## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
20,5-20,5 cm	23,88	16	0,67	96	14,20	1363,20	64,32

# Teknomosaico

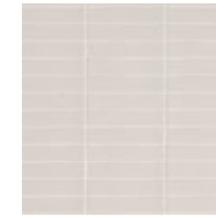
collection	Teknomosaico
design	Mutina Team, 2001
production	Artisanal
material	homogeneous porcelain stoneware tesserae obtained by pressing and fixed on net
thickness	8 mm
nominal sizes	2.10 cm [3/4"-4"] rete/net 30.30 cm (12"-12")
specification	The collection is: - 5 colors - 5 matching colored grout  Each element is pressed individually in special molds with more than one hundred element hole. These tiles comply with the UGL Class Bla standard, suitable both for the residential market and for large-scale projects.
category	UNI EN 14411 App G (BIA group) UGL



## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	Lay on perfectly flat, dry walls.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	Place the sheets with the same joint as within the sheet.
recommended fillers	Cement-based grout / epoxy grout. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	-

## Colors



Bianco



grout: bianco 50



Cemento



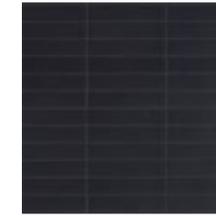
grout: cream 45



Cenere



grout: cenere 62



Black



grout: nero 06



Fango



grout: fango 61

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	TEKNOMOSAICO
ISO 10545/3	water absorption	< 0,5%	0,07%
ISO 10545/4	breaking strength	Sp< 7,5 min 700	in conformity
ISO 10545/6	resistance to deep abrasion	<175 mm3	in conformity
ISO 10545/9	thermal shock resistance	no alteration	no alteration
ISO 10545/12	frost resistance	no alteration	no alteration
ISO 10545/13	acids and alkalis resistance	min B	A
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130-04	slip resistance	medium values 6±10° R9 10±19° R10 19±27° R11 27±35° R12 > 35° R13	R10
DIN 51097		-	-
DCOF		-	> 0,42
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request



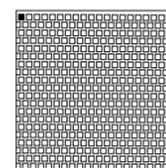
## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL.	KG-BOX	KG-PAL	SQM-PAL
30:30 cm	11,11	11	0,99	42	15,05	632	41,58

# Teknotessere

collection	Teknotessere
design	Mutina Team, 2009
production	Artisanal
material	Homogeneous porcelain stoneware tesserae obtained by pressing and fixed on net
thickness	7 mm
nominal sizes	1.1 cm (3/8".3/8") rete/net 30:30 cm (12".12")
specification	The collection is: - 5 colors - 5 matching colored grout  Each element is pressed individually in special molds with more than one hundred element hole. These tiles comply with the UGL Class Bla standard, suitable both for the residential market and for large-scale projects.
category	UNI EN 14411 App G (BIA group) UGL

□  
1.1 cm  
3/8".3/8"

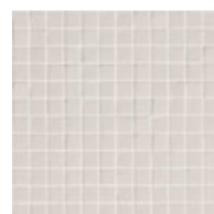


rete 30:30 cm  
net 12".12"

## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	Lay on perfectly flat, dry walls.
recommended adhesive	NON-RAPID-DRYING adhesive for porcelain stoneware to make it easier to fix the sheets.
recommended joints	Place the sheets with the same joint as within the sheet.
recommended fillers	Cement-based grout / epoxy grout. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	-

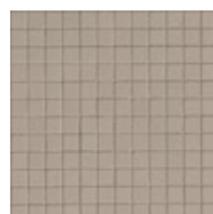
## Colors



Bianco



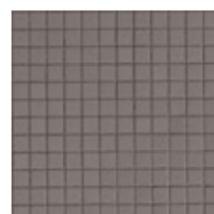
grout: bianco 50



Cemento



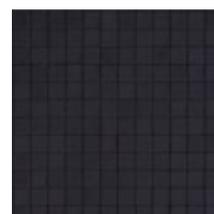
grout: cream 45



Cenere



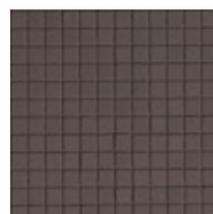
grout: cenere 62



Black



grout: nero 06



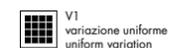
Fango



grout: fango 61

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	TEKNOTESSERE
ISO 10545/3	water absorption	< 0,5%	0,07%
ISO 10545/4	breaking strength	Sp< 7,5 min 700	in conformity
ISO 10545/6	resistance to deep abrasion	<175 mm <sup>3</sup>	in conformity
ISO 10545/9	thermal shock resistance	no alteration	no alteration
ISO 10545/12	frost resistance	no alteration	no alteration
ISO 10545/13	acids and alkalis resistance	min B	A
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R11
DIN 51097		-	-
<b>DCOF</b>			
<b>VOC Emission</b>			available upon request
<b>Declaration of Contents</b>			available upon request
<b>EPD</b>			available upon request
<b>SDS</b>			available upon request
<b>BPD3</b>			available upon request
<b>HPD</b>			available upon request



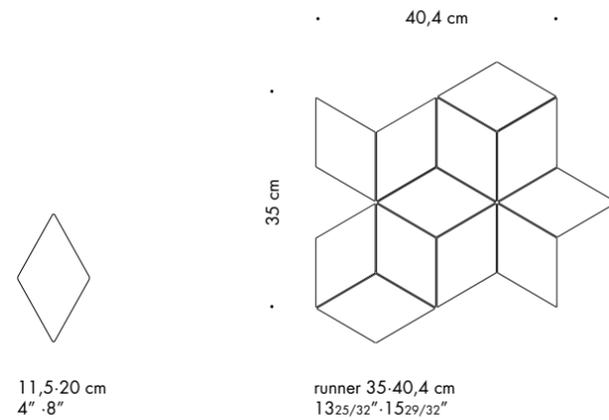
V1  
variazione uniforme  
uniform variation

## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
30-30 cm	11,11	11	0,99	36	12,60	454,00	35,64

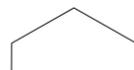
# Tex

collection	Tex
design	Raw Edges, 2012
production	Industrial
material	Glazed porcelain stoneware
thickness	10 mm
nominal sizes	11,5-20 cm (4" -8") runner 35-40,4 cm (13 <sup>25</sup> / <sub>32</sub> " -15 <sup>29</sup> / <sub>32</sub> " )
specification	<ul style="list-style-type: none"> <li>- Rhombus shaped tile 11,5 x 20 cm, thickness 10mm, available in 8 colours.</li> <li>- 8 different colors on a matt surface, each of which contains a group of three shades and 5 relief textures inspired by textile design, re-creating the feel of the different tones of the yarn.</li> <li>- The three shades and five textures will be placed randomly in the packages; by this, when installing Tex, arbitrary arrangements could be achieved. On the other hand, in addition to the single tiles installation, premade patterns named "Runner", are available on a mesh similarly to mosaics settings.</li> </ul>
complementary pieces	Skirting
awards	Interior Innovation Award 2014
patents	Registered design n° 002193797-0001/0014 - date of registration: 28/02/2013
category	UNI EN 14411 App G (BIA group) GL



complementary pieces

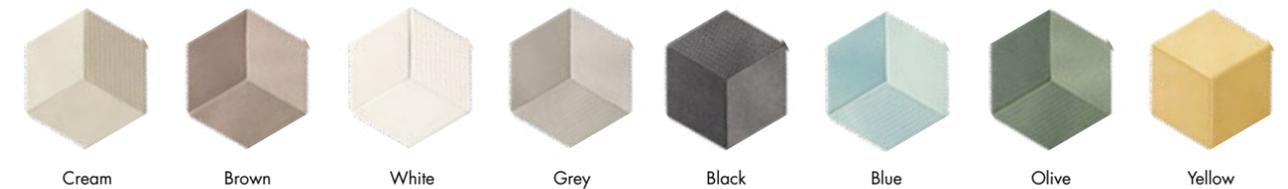
skirting  
10,5-20 cm  
4 1/8" - 8"



## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	The material is deliberately shaded. Take the material from several boxes and mix carefully.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout.
cleaning at the end of installation	<p><b>CEMENT-BASED GROUT:</b> Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water.</p> <p><b>EPOXY GROUT:</b> Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad.</p> <p><b>SILICONE:</b> Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite.</p> <p><b>PAINT:</b> Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable.</p> <p><b>RUST:</b> stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.</p>
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	1 mm tolerance

## Colors



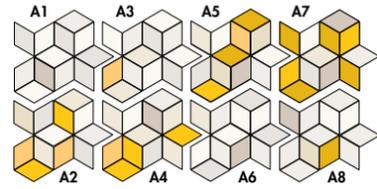
grouts

matching grout	<p>Tex White: Calce 01</p> <p>Tex Cream: Cream 45</p>	<p>Tex Grey: Grigio 44</p> <p>Tex Olive: Olive 64</p>	<p>Tex Black: Nero 06</p> <p>Tex Yellow: Yellow 30</p>	<p>Tex Brown: Brown 54</p> <p>Tex Blue: Blue 40</p>
contrast grout	<p>Tex White: Kerakoll Lissoni 6</p>	<p>Tex Cream, Olive, Blue, Yellow, Brown, Black, Grey: Bianco 50</p>		

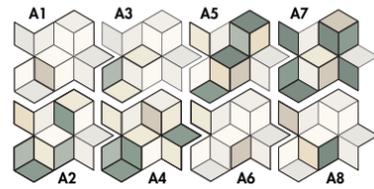
# Runner

runner	the Runner is an element composed by 12 rhombus of different colours already set on mesh, so to make the realization of several decors easier
patterns	each Runner is composed by 8 different patterns, not singularly sold and already included in one single package, which enable the realization of many combinations  1 Runner = 8 patterns = 1,12 sqm
10 runner	there are 10 Runners, each of which combined to every colour of the collection. For the white one there are 3 of them
colors	10 Runners, each of which is composed by 8 different patterns, matching with the colours of the collection

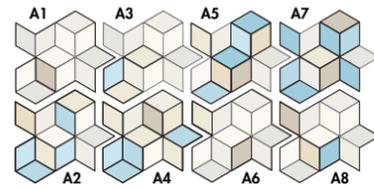
Runner 1 White  
(white + yellow & cream)



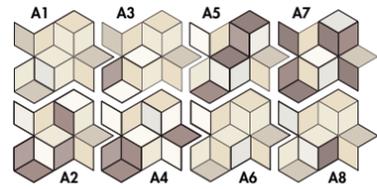
Runner 2 White  
(white + olive & cream)



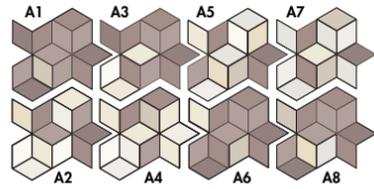
Runner 3 White  
(white + blue & cream)



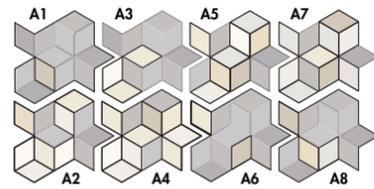
Runner 4 Cream  
(cream + brown & white)



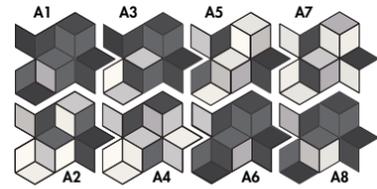
Runner 5 Brown  
(brown + cream & white)



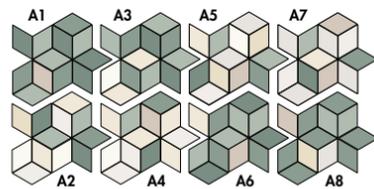
Runner 6 Grey  
(grey + cream & white)



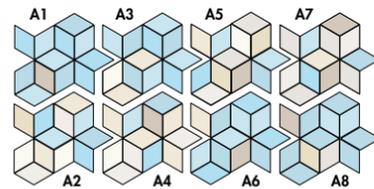
Runner 7 Black  
(black + grey & white)



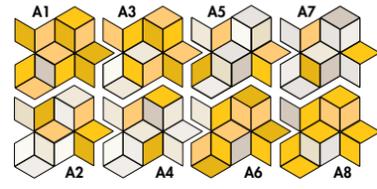
Runner 8 Olive  
(olive + cream & white)



Runner 9 Blue  
(blue + cream & white)



Runner 10 Yellow  
(yellow + cream & white)



# Technical features

STANDARD	FEATURES	VALUE REQUIRED	TEX
ISO 10545/3	water absorption	< 0,5%	0,04%
ASTM C373		< 0,5%	0,04%
ISO 10545/4	breaking strength	Sp> 7,5 min 1300	resistant
EN 101	surface hardness (scala mohs)	> 5	6
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no alteration	no alteration
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R10
DIN 51097		-	C
DCOF		> 0,42	0,58
Pendulum BS (slip resistance)		-	45 dry - 36 wet
Pendulum AS/NZS 4586-13		-	39 P3
BCRA (anti-slip)		>0,40	dry: 0,53 wet: 0,49
LEED CERTIFICATION 4.1			24% recycled material
Robinson Test		-	extra heavy and high-impact use
VOC Emission			available upon request
Declaration of Contents			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request



# Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
11,5-20 cm	86,96	44	0,51	104	11,56	1202	53,04
runner 35-40,4 cm	0,91 set	1 set (8pcs)	1,12	36	22,55	812	40,32
battiscopa 10,5-20 cm	-	10	2,00 ml	-	3,25	-	-

# The Cylinder Glass

collection	The Cylinder Glass
design	A special project with Laboratorio Avallone, 2019
material	Glass

Limited edition of only 50 pieces each.  
For more information write to: [limitededition@mutina.it](mailto:limitededition@mutina.it)

## Elements



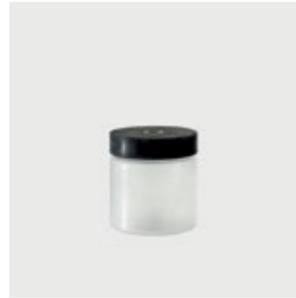
**ALTO NERO**  
Black cylinder + white circle  
14 x 31,2 (H) cm / 4,2 kg



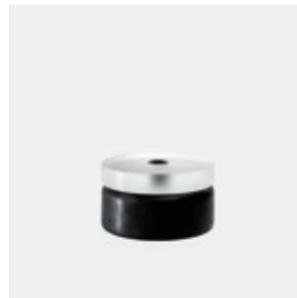
**ALTO BIANCO**  
White cylinder + black circle  
14 x 31,2 (H) cm / 4,2 kg



**MEDIO NERO**  
Black cylinder + white circle  
19,5 x 20,5 (H) cm / 5,95 kg



**MEDIO BIANCO**  
White cylinder + black circle  
19,5 x 20,5 (H) cm / 5,95 kg



**BASSO NERO**  
Black cylinder + white circle  
25,5 x 14 (H) cm / 9,40 kg



**BASSO BIANCO**  
White cylinder + black circle  
25,5 x 14 (H) cm / 9,40 kg

# Tierras

collection	Tierras
design	Patricia Urquiola, 2014
production	Industrial
material	Unglazed porcelain stoneware
features	Squared and rectified slabs each one exactly the same as the others
thickness	12 mm
nominal sizes	120·120 cm (47"·47") 60·60 cm (24"·24") 20·30 cm (8"·12") frame 20·30 cm (8"·12") triomix 120·120 cm (47"·47")

**specification**

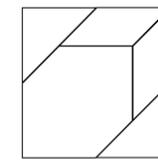
- 4 base colors: Blush, Sand, Rust, Brick
- Different sizes, all rectified and modular
- Triomix: big square size composed by 5 shapes in the same color or in 3 different colors. each set in composed by 3 patterns not singularly sold
- Frame: the decorated base color, in geometrical pattern, is characterized by regular lines in bright and high thickness color. useful for floor and wall
- Grouts: 12 dedicated and colored grouts. 4 matching the base color and 8 in contrast to obtain a modern and unexpected look.

Different kind of terracotta and of clays, chromatically matching with each other, combine and mix, enriching and softening the black base of recycled ceramics on which they deposit, making it timidly emerge on the surface. Tierras is industrial tradition with continua technology. Tierras is realized in homogeneous porcelain stoneware, produced with the innovative continua technology: a modern productive system based on the dry processing of the ceramic powders. From an environmental point of view, this system represents an improvement, having a very limited water waste during production. The base of the field tile, which constitutes the first layer of the slab together with the different productive scraps, has being conceived in one single black color. The "top" layer, the one constituted by the colored powders, a different one for every color of the range, sediments on the first two layers, defining the surface's identity. The result is a very solid substance, characterized by a palette of very intense, deep, earthy and natural colors, saturated by the black base.

complementary pieces	Step, Corner tile, Skirting
category	UNI EN 14411 App G (BIA group) UGL



120·120 cm  
47"·47"



Triomix  
120·120 cm  
47"·47"



60·60 cm  
24"·24"

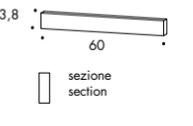
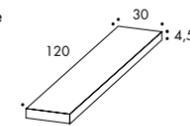
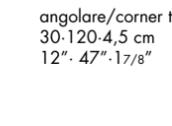
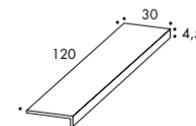


20·30 cm  
8"·12"



Frame  
20·30 cm  
8"·12"

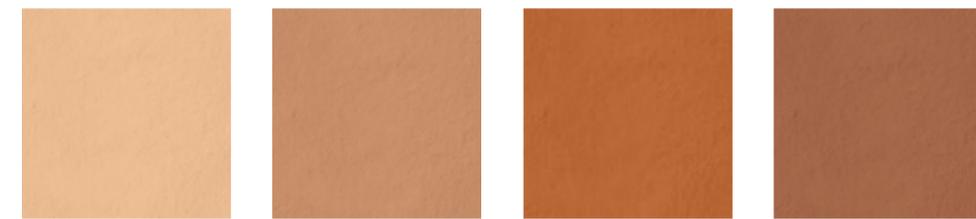
complementary pieces	gradone/step 30·120·4,5 cm 12"·47"·1 7/8"	angolare/corner tile 30·120·4,5 cm 12"·47"·1 7/8"	battiscopa/skirting 3,8·60 cm 2"·24"	sezione section
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## Laying and maintenance tips

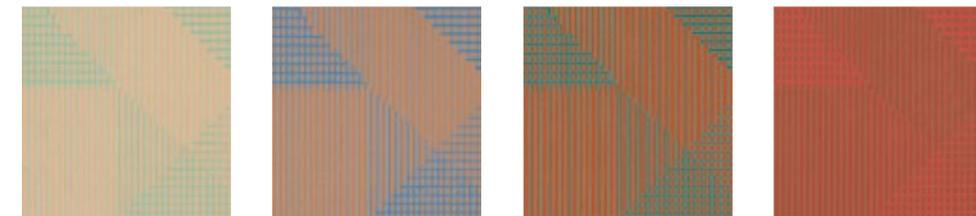
use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes. The double spreading technique is recommended for the 120x120 size.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	TIERRAS 60cm x 60m -> 594mm x 594mm TIERRAS 120cm x 120cm -> 1190mm x 1190mm TIERRAS 20cm x 30cm -> 196,7mm x 296mm  TIERRAS TRIOMIX 120cm x 120cm -> 1190mm x 1190mm

## Colors



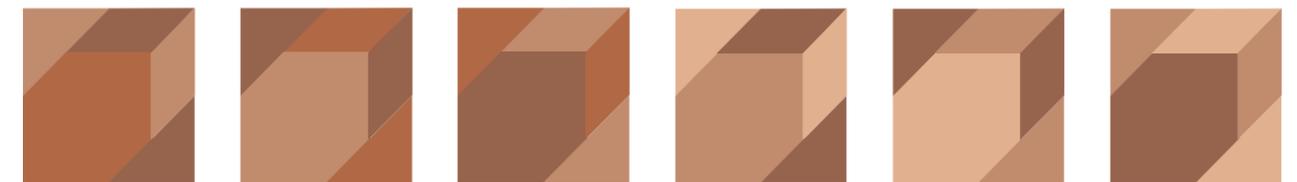
Blush Sand Rust Brick

### FRAME

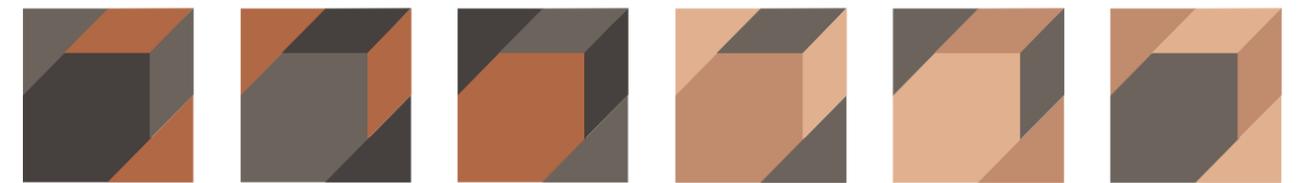


Blush Sand Rust Brick

### TRIOMIX



Triomix 1 (sand, rust, brick) Triomix 2 blush/sand/brick



Triomix 3 (ash, humus, rust) Triomix 4 (blush, sand, ash)

Each set is composed by 3 patterns not singularly sold.

### grout

#### matching grout



#### contrast grout



#### high contrast grout



\*grouts not for sale but easily available on the market

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	TIERRAS
ISO 10545/2	SIZES		
	length and width	± 0,6%	in conformity with standard
	thickness	± 5%	
	straightness of edges	± 0,5%	
	wedging	± 0,6%	
	flatness	± 0,5%	
ISO 10545/3	water absorption	< 0,5%	0,06%
ASTM C373		< 0,5%	0,06%
EN 101	surface hardness (scala mohs)	> 5	8
ISO 10545/6	resistance to deep abrasion	<175 mm3	in conformity
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R10
DIN 51097		-	-
DCOF		> 0,42	0,63
Pendulum AS/NZS 4586-13			37 X
Pendulum BS 7976-2			50 dry 45 wet
Pendulum BS 7976-2			54 dry (item FRAME) 55 wet (item FRAME)
LEED CERTIFICATION 4.1			20% recycled material
ENVIRONMENTAL MANAGEMENT SYSTEM ISO 14000 AND ISO 9001			
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

## Packing

SIZE	PCS-SQM	SQM-PCS	PCS-PAL	KG-PCS	KG-PAL	SQM-PAL
120-120 cm	0,69	1,44	36	38,30	1379,00	51,84

SIZE	SET-SQM	PCS-BOX	SQM-SET	SET-PAL	KG-SET	KG-PAL	SQM-PAL
triomix 120-120 cm	0,23	1 set = 3moduli	4,32	6	120,15	721,00	25,92

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
60-60 cm	2,77	3	1,08	32	29,00	928,00	34,56
20-30 cm	16,67	8	0,48	64	13,05	835,00	30,72
step 30-120-4,5 cm	-	2	2,40 ml	-	26,00	-	-
corner tile 30-120-4,5 cm	-	1	1,20 ml	-	13,00	-	-
skirting 3,8-60 cm	-	10	6 ml	-	5,00	-	-
frame 20-30 cm	16,67	8	0,48	51	13,05	666,00	24,48

# Tratti

collection	Tratti
design	Inga Sempé, 2014
production	industrial
material	glazed porcelain stoneware with digital printing glazing
features	2 single patterns and 3 different field tiles in sizes 10-10 cm (4"-4") easy to match each other 2 mix composed by different patterns
thickness	8 mm
nominal sizes	10-10 cm (4"-4")
specification	The collection is: - 3 base colors (white, beige, grey) - 2 graphic patterns (aqua, croix) - 3 mixes, in white, grey and dark grey, each composed by different graphic patterns Each items can easily match each other The surface of each tile is not flat but with a soft texture
category	UNI EN 14411 App G (BIA group) GL



10-10 cm  
4"-4"

## Laying and maintenance tips

use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/ or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	97,9 mm caliber 4 99,0 mm caliber 5

## Colors

### PATTERN



Aqua



grout:  
bianco 50



Croix



grout:  
Kerakoll Lissoni 6



Bianco



grout:  
bianco 50



Beige



grout:  
Kerakoll Lissoni 6



Grigio



grout:  
Kerakoll Lissoni 6

### MIX



Mix chiaro



grout: bianco 50



Mix grigio



grout: Kerakoll Lissoni 6



Mix scuro



grout: Kerakoll Lissoni 6

contrast grout:



calce 01 (all)

## Technical features

STANDARD	FEATURES	VALUE REQUIRED	TRATTI
ISO 10545/3	water absorption	< 0,5%	in conformity
ISO 10545/4	breaking strenght	sp ≥ 7,5 min 1300	resistant
ISO 10545/9	thermal shock resistance	no alteration	no alteration
ISO 10545/12	frost resistance	no alteration	no alteration
ISO 10545/13	acids and alkalis resistance	min B	A
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R10
DIN 51097		-	C
DCOF		> 0,42	0,61
LEED 4.1		-	12% recycled material
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

## Packing

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
10-10 cm	100	88	0,88	72	16,05	1156	63,36
pattern 10-10 cm	100	88	0,88	72	16,05	1156	63,36
mix chiaro 10-10 cm	100	88	0,88	72	16,05	1156	63,36
mix grigio 10-10 cm	100	88	0,88	72	16,05	1156	63,36
mix scuro 10-10 cm	100	88	0,88	72	16,05	1156	63,36

Thank you!

To all past and present members of the Mutina team. To all the designers, artists, writers, photographers, journalists, agents, clients, partners, family and friends who have made us who we are today.



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