

MUTINA
MATER

STONESOURCE

MATER
PATRICIA
URQUIOLA

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“The collection was inspired by the floor in Mutina’s meeting room. Massimo and I wanted to reinterpret that artisanal element. So, we started this journey full of empathy and disco-varies. In fact, Mater is made of technology, experimentation, craftsmanship to the eye and to the touch.”

Patricia Urquiola

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A talk with Patricia Urquiola

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M In occasione della Milano Design Week 2023, hai realizzato tre nuovi progetti in collaborazione con il brand: Mater, Chamotte e Jali. Qual è il filo conduttore tra le collezioni?

PU Sono progetti di puro colore, di smalti lucidi e dal forte rimando artigianale. Mater, Chamotte e Jali, benché collezioni molto diverse tra loro, presentano tutte delle superfici complesse, dall'attitudine fortemente materica, confortevoli alla vista e al tatto. Un omaggio all'artigianato della ceramica, ma allo stesso tempo un'espressione di nuove tecnologie sofisticate per la lavorazione della materia.

M Come è nata Mater? Che tipo di ricerca è stata portata avanti sugli smalti utilizzati e, in modo particolare, sulla tecnica di applicazione impiegata?

PU L'ispirazione per Mater è nata dalle piastrelle degli uffici di Mutina. Io e Massimo siamo stati ossessionati per anni da quelle piastrelle, che ci hanno accompagnato in ogni nostra revisione di prodotto. È stata un'ossessione positiva, che ci ha spronati a trovare la tecnologia giusta per una collezione industriale che parla di artigianalità.

M Cosa puoi dirci, invece, di Chamotte?

PU La collezione prende il nome dalla materia prima composta dai frammenti di ceramica frantumati e incorporati nell'argilla grezza per rafforzare gli impasti ceramici. Con Chamotte volevo approfondire la bellezza brutale e naturale di questo materiale, fatto di vibrazioni tattili, cromatiche e pennellate irregolari. Mi piace molto come la texture degli elementi cambi continuamente, svelando ogni volta un aspetto diverso. Ha una grandissima forza espressiva.

M Qual è l'essenza di Jali, il nuovo elemento tridimensionale? A cosa ti sei ispirata per questo progetto?

PU Jali si ispira alle pietre perforate tipiche dell'architettura indiana, decorate con motivi geometrici o floreali, spesso usate come parapetti o pareti divisorie per fare ombra o lasciare passare il vento. Avendo

M On the occasion of Milan Design Week 2023, you have realised three new projects in collaboration with the brand: Mater, Chamotte and Jali. What's the common thread between the collections?

PU They are projects made of pure colour and bright glazes, with a strong artisanal feeling. Though they are very different collections, Mater, Chamotte and Jali present complex surfaces, tactile yet comfortable to both the eye and touch. A tribute to ceramic crafts, as well as the expression of new sophisticated technologies to work with the material.

M Where did Mater come from? What kind of research did you bring forward on glazes and, especially, on the application technique?

PU Mater was inspired by the tiles in Mutina's offices. Massimo and I have been obsessed for years by those elements, they have been with us during every product review. It was a positive obsession, that spurred us to find the right technology for an industrial collection which speaks about craftsmanship.

M On the other hand, what can you tell us about Chamotte?

PU The collection takes its name from the raw material made of crushed ceramic fragments, embedded in raw clay to strengthen ceramic mixtures. With Chamotte, I wanted to deepen into the brutal and natural beauty of this material, made of tactile and chromatic vibrations, and irregular brushstrokes. I really like that the texture of the elements changes constantly, revealing a new aspect every time. It has an incredible expressive power.

M What's the essence of Jali, the new three-dimensional element? Where did you take inspiration for this project?

PU Jali draws inspiration from the perforated stones typical of Indian architecture, decorated with floral or geometrical motifs, often used as parapets or partition walls for shade or to let the wind through. Since the sides of the bricks are all of the same size, they can be placed both vertically and horizontally, either



Patricia Urquiola working on the concept of Mater, at her studio.



tutti i lati delle stesse dimensioni, i mattoni della collezione possono essere disposti sia in orizzontale che in verticale, allineati o sfalsati. In questo modo, Jali consente di creare filtri dinamici, elementi architettonici, ma anche complementi d'arredo come piedi di tavoli e colonne.

M La tua prima collaborazione e, di conseguenza, il tuo primo incontro con Mutina risalgono al 2008. Come si è evoluto il tuo rapporto di amicizia e di lavoro con l'azienda?

PU Mi piace definirlo un viaggio empatico ed evolutivo. Io e Massimo abbiamo una bellissima amicizia, condividiamo una grande passione per il nostro lavoro e continuiamo a porci degli obiettivi sempre più grandi. Tutto questo senza smettere di divertirci.

M Come è cambiato il tuo approccio personale alla materia ceramica nel corso di questi anni?

PU Come ho già detto in passato, lavorare con la ceramica per me è una maratona con in mezzo delle gare da 100 metri, salto in alto e salto in lungo. Comporta tanta pazienza, tanta immaginazione, critica e autocritica. La ceramica è un materiale versatile, capace di adattarsi, ed estremamente resistente. È un materiale con cui si può lavorare tantissimo, fare moltissima ricerca, lavorare sulla tecnologia e i processi, cercando di migliorarli.

in line or staggered positions. Jali allows for the creation of dynamic filters, architectural elements, as well as furnishings such as table legs and columns.

M Your first collaboration and, therefore, your first encounter with Mutina date back to 2008. How did the friendship and collaboration with the company develop?

PU I like to describe it as a journey full of empathy and change. Massimo and I have an amazing friendship, we share a great passion for our work and we always set ever greater goals. Of course, we don't forget to have fun.

M How did your personal approach to the ceramic material change throughout these years?

PU As I said in the past, to me working with ceramics is like a marathon, with 100-meter races, high jump and long jump competitions in the middle. It requires patience, a lot of imagination, critic and self-critic. Ceramic is a versatile material, adaptable and extremely resistant. It's a material with which you can experiment a lot and do so much research, as well as working with technology and processes in order to improve them.



The range of Mater features two bases in solid colour and several patterned variations that can be paired with each other.



Patricia Urquiola working of the texture and tactility of the Mater collection, at her studio.



THE COLLECTION

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Mater – nome derivato da *materia*, che richiama la terra utilizzata per realizzare le basi neutre della collezione – è un progetto in cui lo smalto diventa vero protagonista, applicato con un'innovativa tecnica di smaltatura che ha permesso di ottenere un effetto piacevole al tatto e dal forte impatto visivo. Una collezione di produzione industriale, capace di donare le stesse sensazioni di un prodotto artigianale, adatta a rivestire le superfici di ambienti residenziali e commerciali, sia interni che esterni.

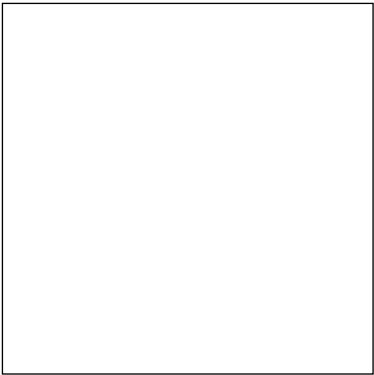
Mater è prodotta in tre formati, 6x24 in, 24x24 in e 47x47 cm, disponibili in una versione base con fondo neutro nei colori Uni Beige e Uni Moka. A partire da questi due moduli, la collezione si sviluppa in sei proposte caratterizzate da una finitura extra lucida e dall'applicazione di un pattern dal gusto decorativo, Segno. Applicato su Uni Beige dà origine alle varianti Segno Bianco, Segno Blu e Segno Terra, mentre su Uni Moka dà vita a Segno Nero, Segno Verde e Segno Ocra.

Mater – name that comes from *materia*, matter in Italian, which recalls the earth used to realise the neutral bases of the collection – is a project where glaze becomes the true protagonist, being applied with an innovative glazing technique which allowed for the creation of a tactile effect with great visual impact. It is an industrial collection able to convey the same sensations of an artisanal product, suitable for residential and commercial spaces, indoor and outdoor.

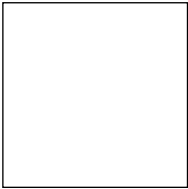
Mater is produced in porcelain stoneware in the sizes 6x24 in, 24x24 in and 47x47 in, available in a basic version with neutral background in the colours Uni Beige and Uni Moka. Starting from these two modules, the collection develops into six variants characterised by a glossy finish and a decorative pattern, Segno. Combined with Uni Beige it creates Segno Bianco, Segno Blu and Segno Terra, on Uni Moka it gives birth to Segno Nero, Segno Verde and Segno Ocra.

SIZES

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47x47in



24x24 in



6x24 in

An exceptional surface with great visual impact, Mater has originally been conceived as a large ceramic slab, subsequently declined in two smaller formats.



Mater

Patricia Urquiola

BASES

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Uni Beige



Uni Moka

In the base tiles the use of unglazed Continua technology has allowed us to obtain a surface with a natural tactile feeling.



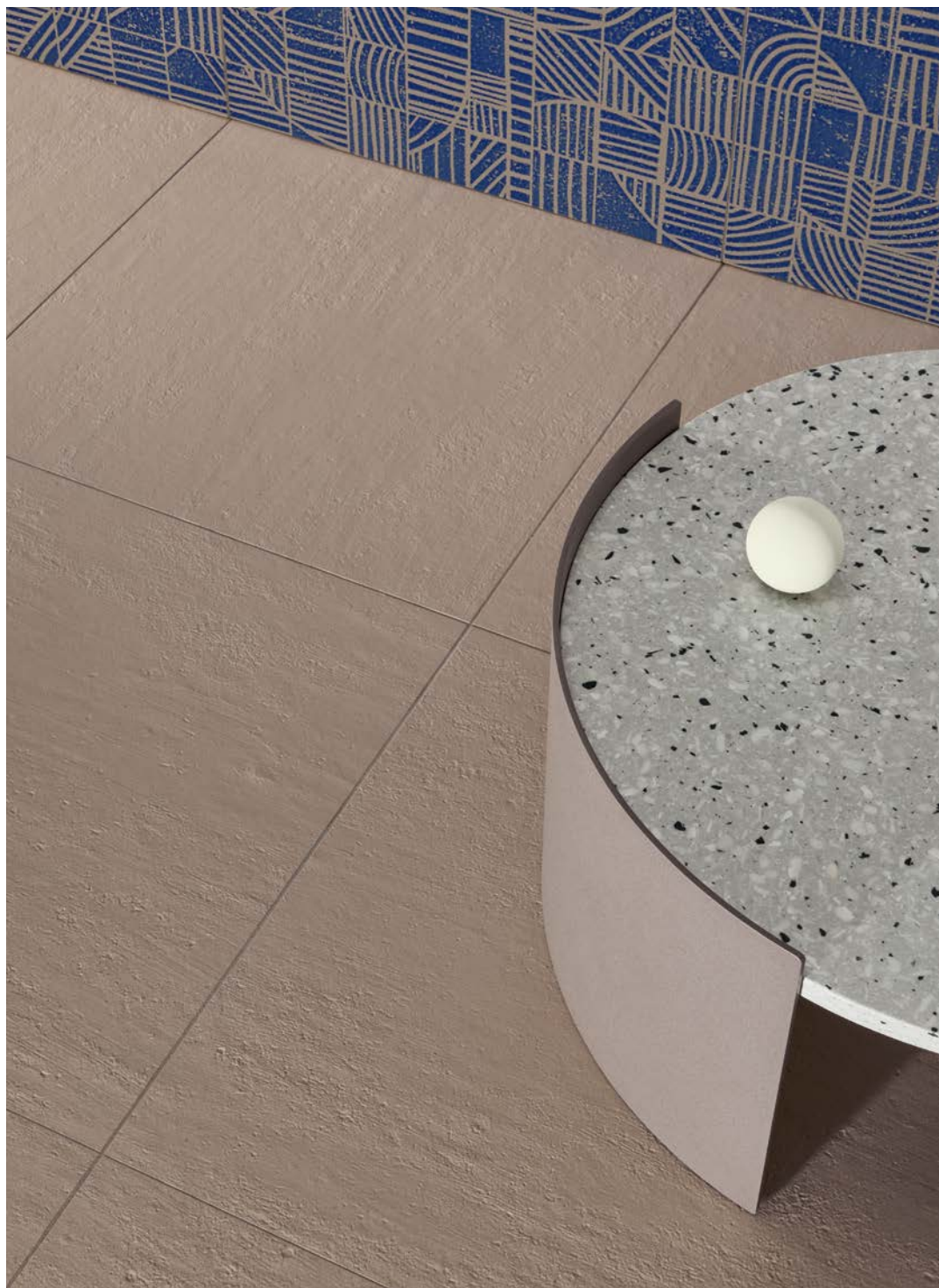
Mater

Uni Beige



Mater

Uni Moka



Mater

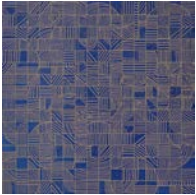
Floor: Uni Beige. Wall: Segno Blu.

COLORS

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Segno Bianco



Segno Blu



Segno Terra



Segno Nero



Segno Verde



Segno Ocra

By applying the pattern on Uni Beige, we obtain Segno Bianco, Segno Blu and Segno Terra, while on Uni Moka it creates Segno Nero, Segno Verde and Segno Ocra.



Mater

Floor and wall: Segno Bianco, Uni Beige.



Mater

Floor: Segno Bianco. Wall: Uni Beige.



Mater

Segno Bianco



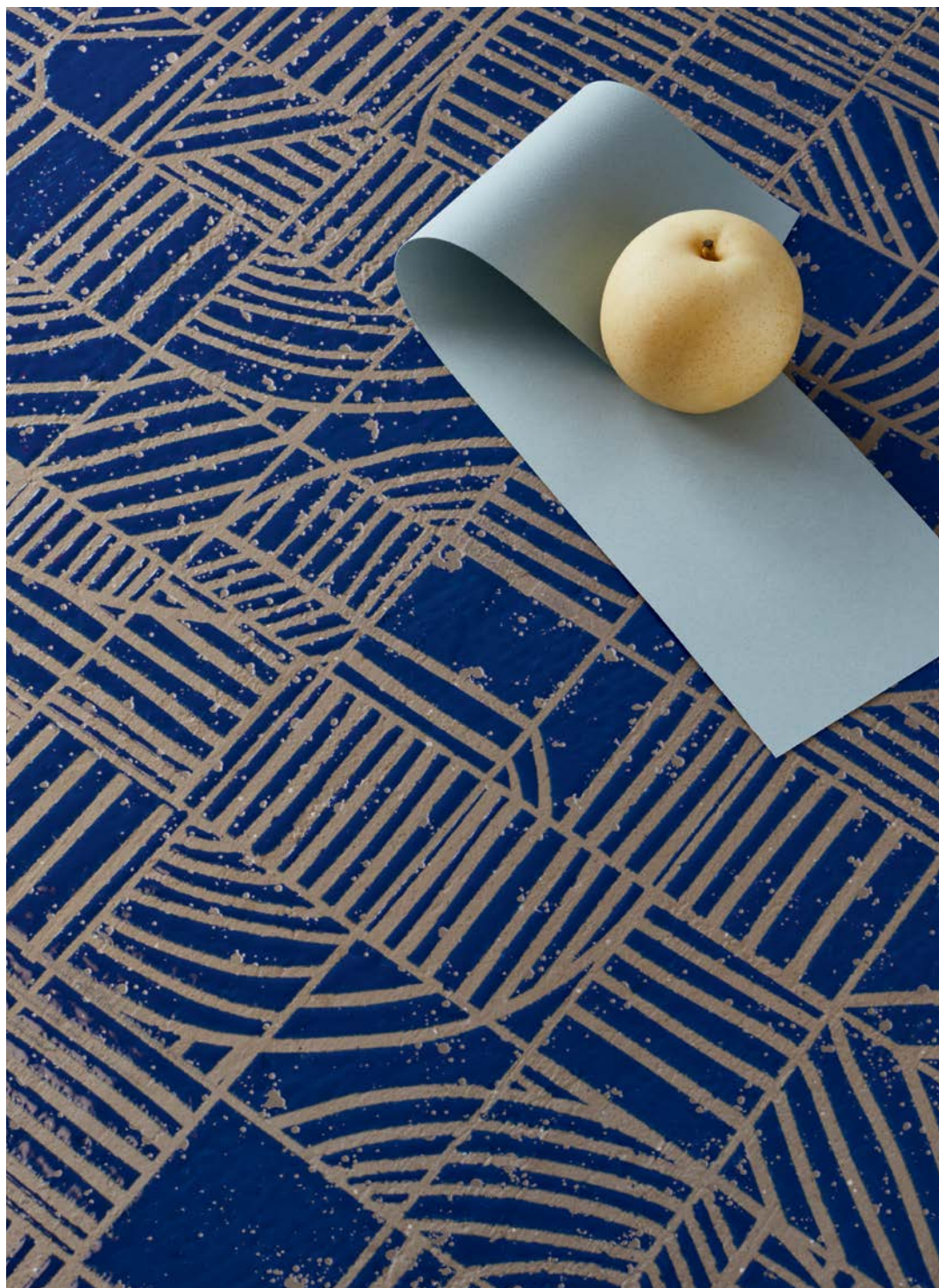
Mater

Floor: Uni Beige



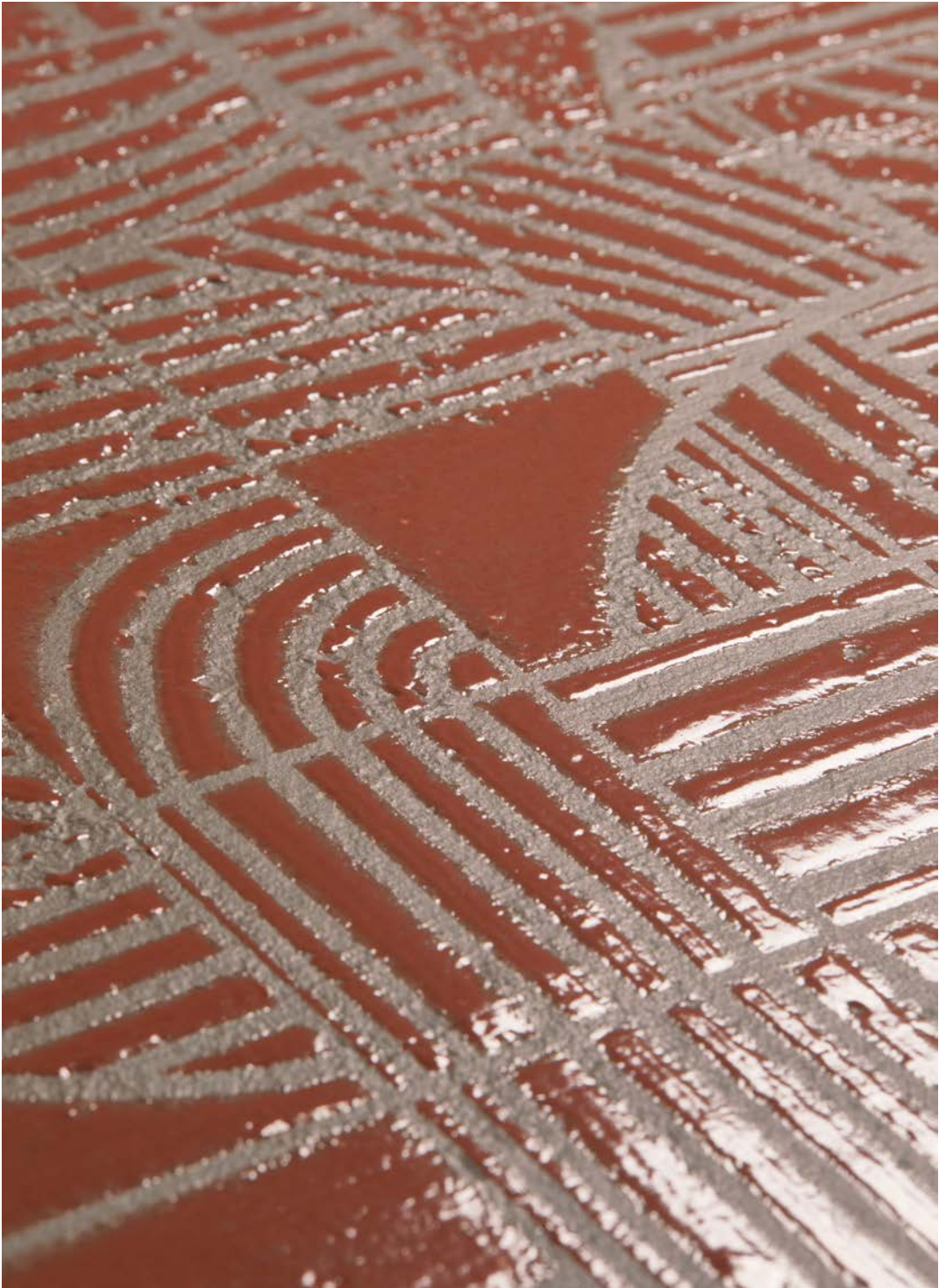
Mater

Wall: Segno Blu



Mater

Segno Blu



Mater

Segno Terra



Mater

Floor: Segno Blu. Wall: Segno Terra, Segno Blu.



Mater

Floor and wall: Uni Moka, Segno Verde.





Mater

Floor: Uni Moka. Wall: Segno Verde.



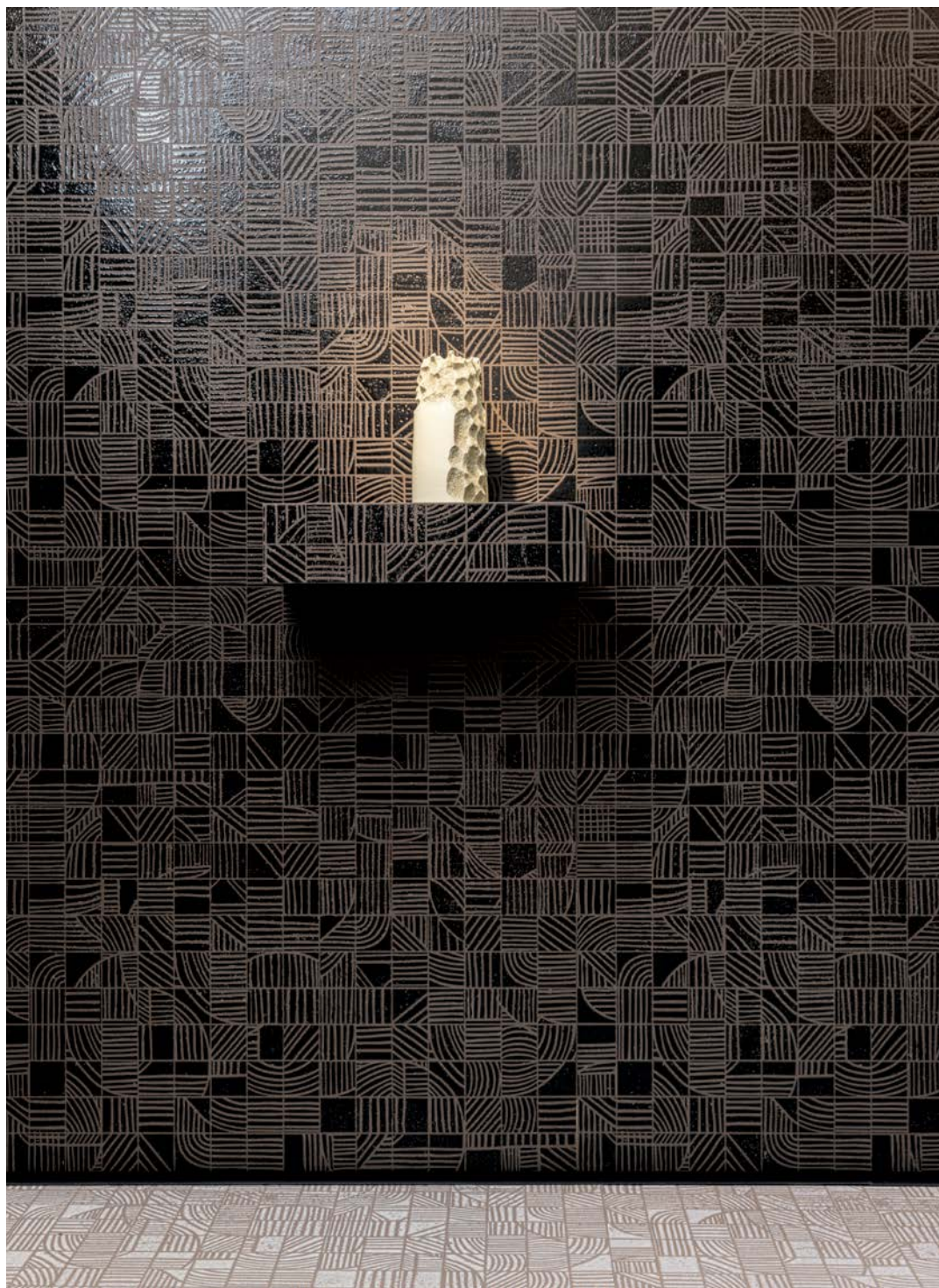
Mater

Floor: Uni Moka and Segno Verde



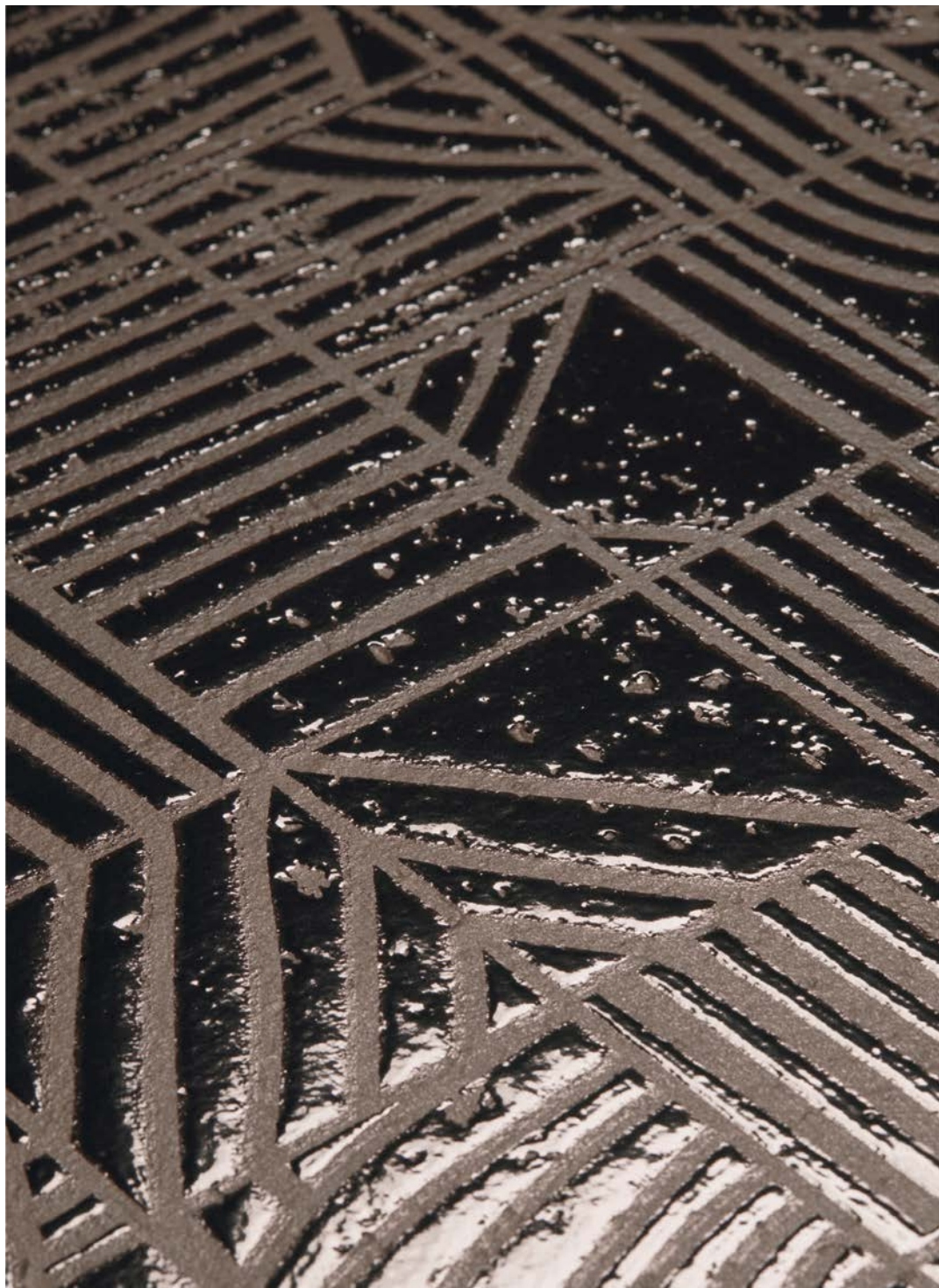
Mater

Wall: Uni Moka



Mater

Floor: Segno Bianco. Wall: Segno Nero.



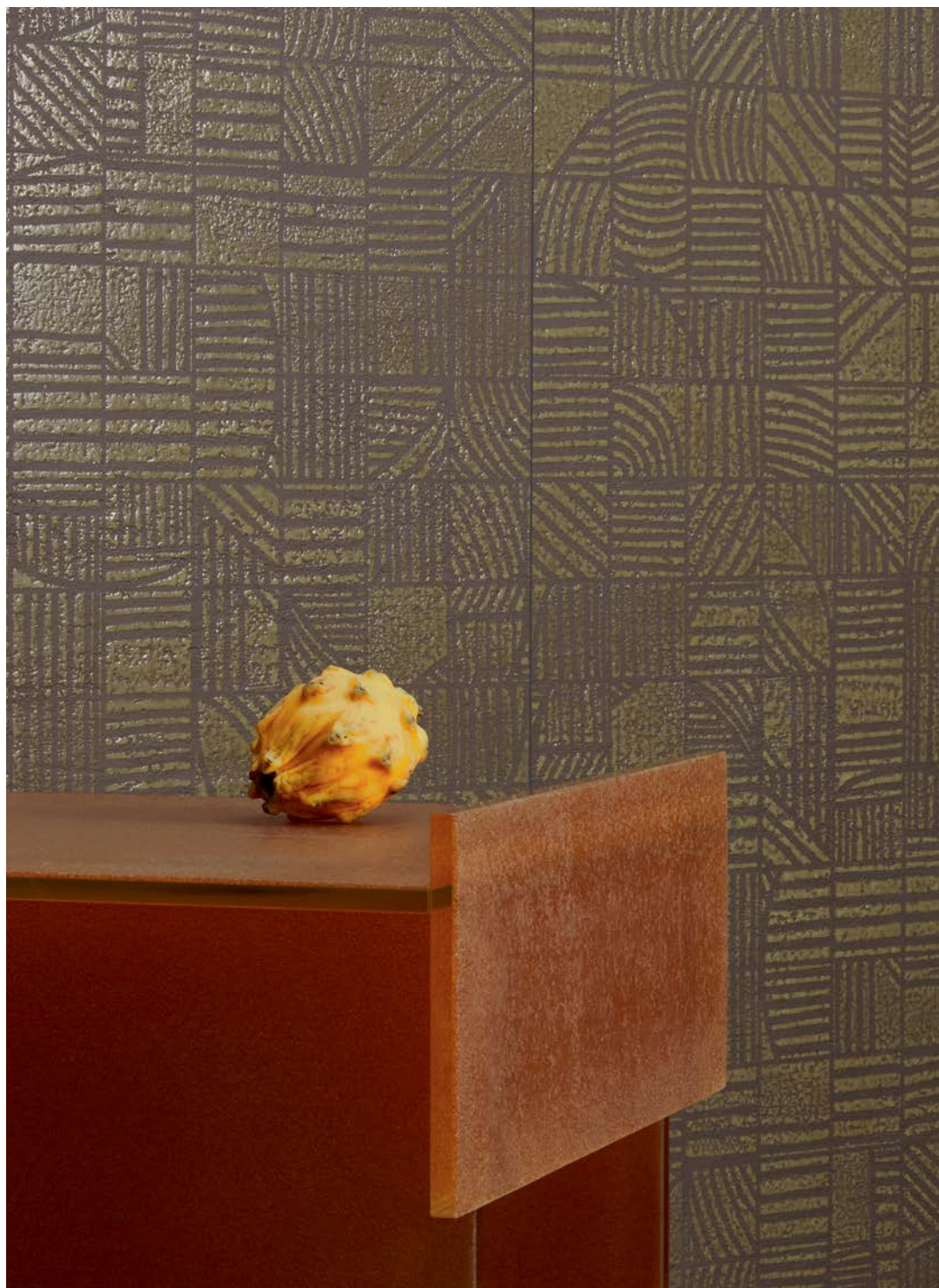
Mater

Segno Nero



Mater

Segno Nero



Mater

Segno Ocra



Mater

Floor: Uni Moka



Mater

Wall: Segno Ocra

Mater presenta una superficie molto caratterizzata e un decoro in rilievo lucido, mai completamente definito. Questo, unito alla doppia finitura e al range di proposte colore, permette di giocare con gli elementi creando combinazioni sempre nuove e inaspettate.

Mater presents a distinctive surface with a glossy decoration in relief, never completely defined. This, combined with the two finishes and the colour palette, makes it possible to play with the elements, creating always new and unexpected combinations.











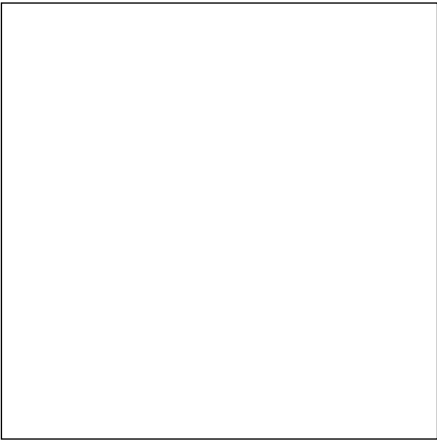
TECHNICAL FEATURES

Mater è realizzata nel totale rispetto dell'ambiente: gli elementi sono prodotti in uno stabilimento certificato ISO14001, l'impasto utilizzato è privo di V.O.C. (Volatile Organic Compounds) e di sostanze presenti nella lista Substances of Very High Concern (SVHC) and Restricted Substances Declaration, e gli imballi sono completamente riciclabili. Inoltre, gli elementi presentano ottime caratteristiche di igienicità, durabilità, resistenza e riciclabilità.

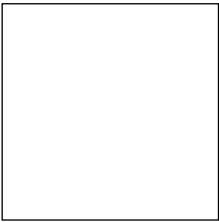
Mater is realised with full respect for the environment: the elements are produced in a ISO14001 certified facility, the base tile body is free from V.O.C. (Volatile Organic Compounds) and substances on the Substances of Very High Concern (SVHC) list and Restricted Substances Declaration, and the packaging is fully recyclable. Furthermore, the elements are extremely hygienic, durable, resistant and recyclable.

General information

collection	Mater
design	Patricia Urquiola, 2023
production	Industrial
material	SEGNO: Glazed and rectified porcelain stoneware UNI: Unglazed and rectified porcelain stoneware
thickness	9 mm
sizes	120-120 cm (47"-47"), 60-60 cm (24"-24"), 15-60 cm (6"-24")
specification	– 2 bases: Uni Beige, Uni Moka unglazed porcelain stoneware – 6 patterns: Segno Bianco, Segno Blu, Segno Terra glazed porcelain stoneware on Uni Beige base Segno Nero, Segno Verde, Segno Ocra glazed porcelain stoneware on Uni Moka base
category	– Uni: UNI EN 14411 App G (BIA group) UGL – Segno: UNI EN 14411 App G (BIA group) GL



120-120 cm
47"-47"



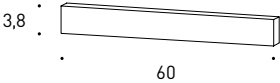
60-60 cm
24"-24"



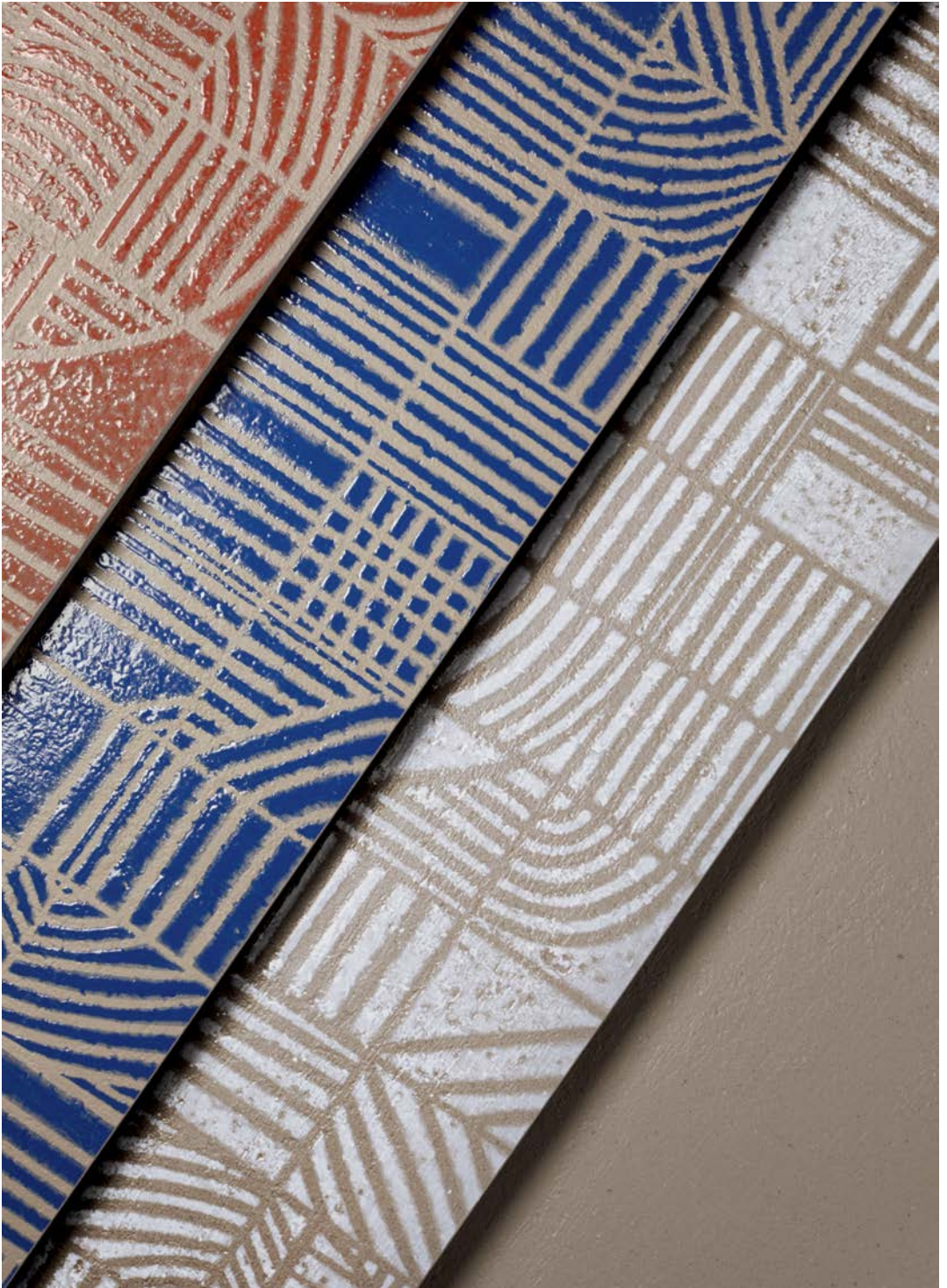
15-60 cm
6"-24"

complementary pieces

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

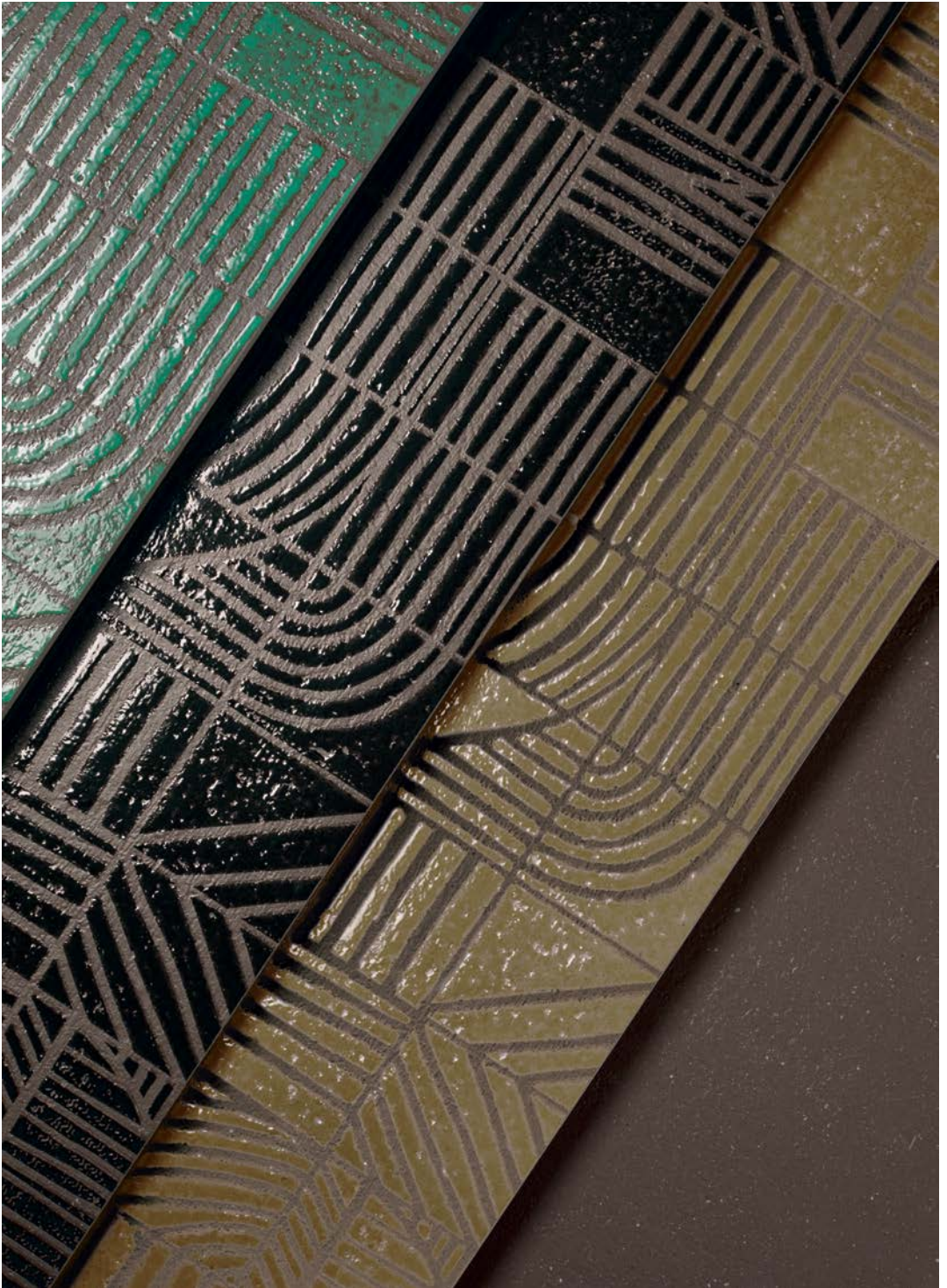


section



Mater

Technical Features



Mater

Technical Features

Colors



Uni Beige



Segno Bianco



Segno Blu



Segno Terra



Uni Moka



Segno Nero



Segno Verde



Segno Ocra

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 47x47 size.
recommended adhesive	Adhesive for porcelain stoneware.
mandatory 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. 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-120cm -> 1190mm-1190mm 60cm-60cm -> 594mm x 594mm 15cm-60cm -> 147mm-594mm

Technical features

STANDARD	FEATURES	VALUE REQUIRED	MATER
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%
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	Segno R9 Uni R11
DIN 51097		–	Uni B Segno A
Pendulum BS			UNI 50 dry, 40 wet SEGNO 45 dry, 25 wet
Pendulum AS/NZS			UNI P3 SEGNO P2
DCOF			UNI 0.62 SEGNO 0.29
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	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
120-120	0,69	2	2,88	20	66	1320	57,60
60-60	2,78	4	1,44	32	33	1056	46,08
15-60	11,11	10	0,90	52	20,60	1071	46,80
skirting		10	6 ml		4		



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