

STONEGRES

PASTELLI

# *Pastel, noble soul.*

Pastelli is the most original mosaic element, it is the code our time, the link between an emotional connection between our identity and the soul of the world.

The architecture of colour.

Enduring yet subtle in appearance - this is the nature of Pastelli, fashioned to bring the architecture of living spaces alive.

Pastelli is the ideal solution for floors, where the distinction between interiors and exteriors, between flooring and covering, becomes more seamless.

A remarkable porcelain stoneware, a full-body, coloured and pressed stoneware, with antibacterial, antifungal, anti-stain properties and almost zero moisture absorption rates.

Pastelli is available in 8 colours and 3 sizes, with the possibility of using contrasting joints to create distinct forms and decorative lines inside the single mesh sheet. For a project that is aspiring and flexible. Where details and design are translated into the context of the geometric textures in connection with shapes, colours and settings.





Wall

Mosaic

- Module 300 x 300 mm (sheet size)
- 25 x 25 mm
- Ostrica PST 7003

Floor

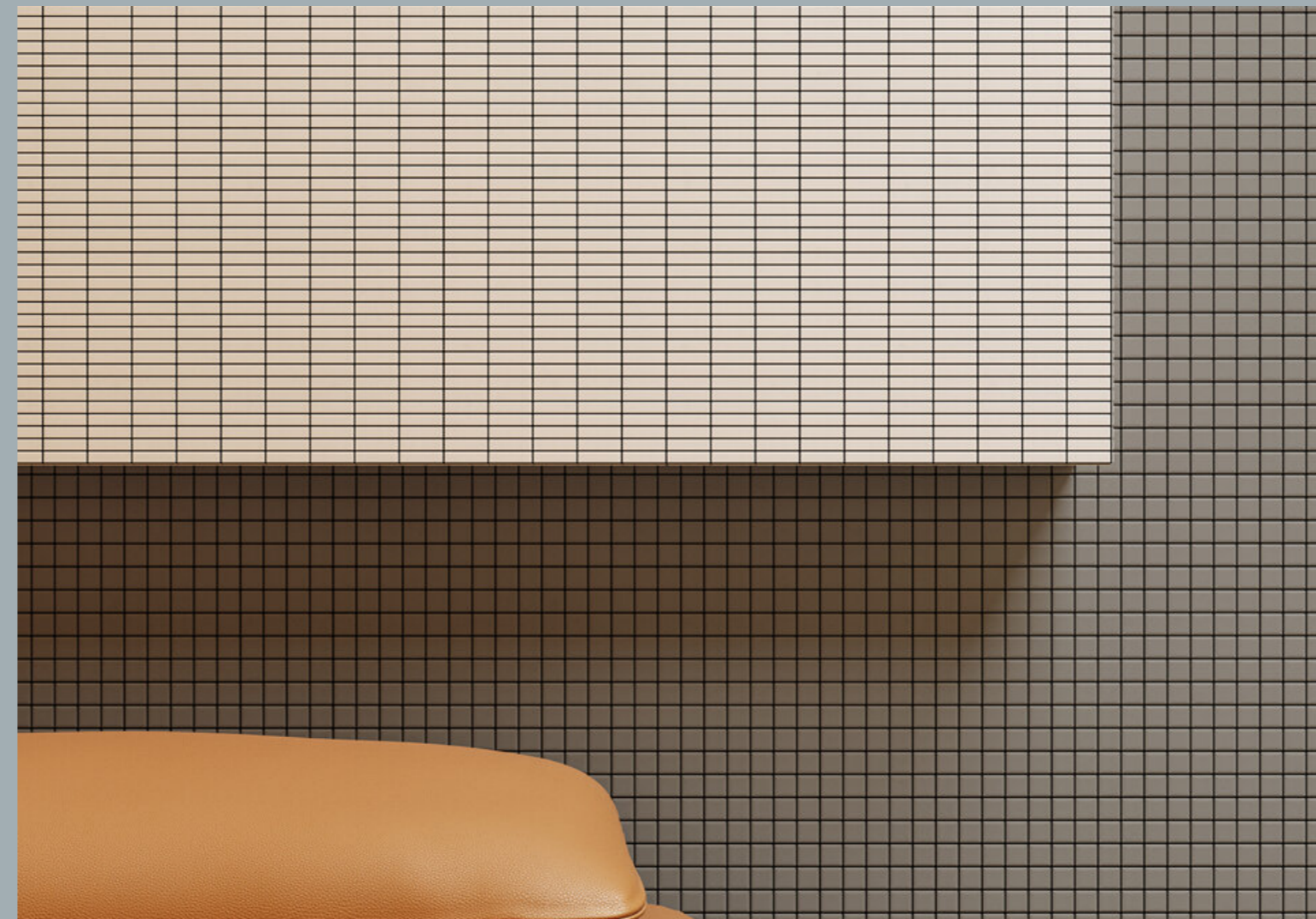
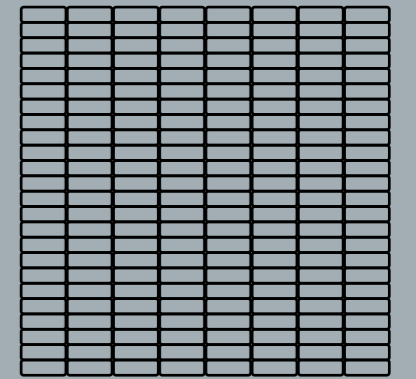
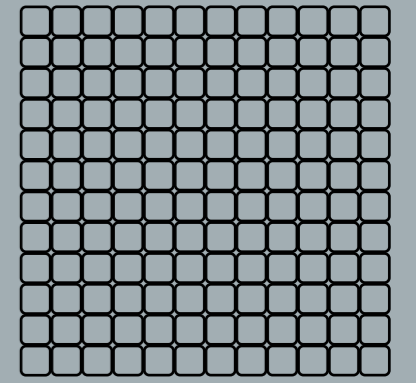
Mosaic

- Module 300 x 300 mm (sheet size)
- 25 x 25 mm
- Ostrica PST 7003

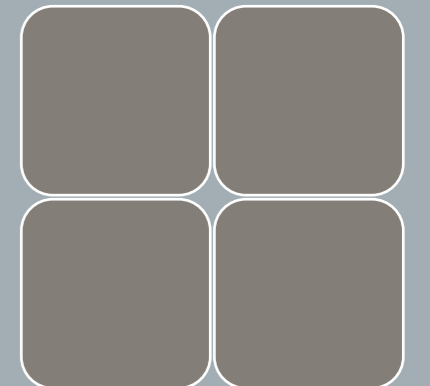
False ceiling

Mosaic

- Module 300 x 300 mm (sheet size)
- 12.5 x 37.5 mm
- Osso PST 3001



ostrica



OSSO





Wall

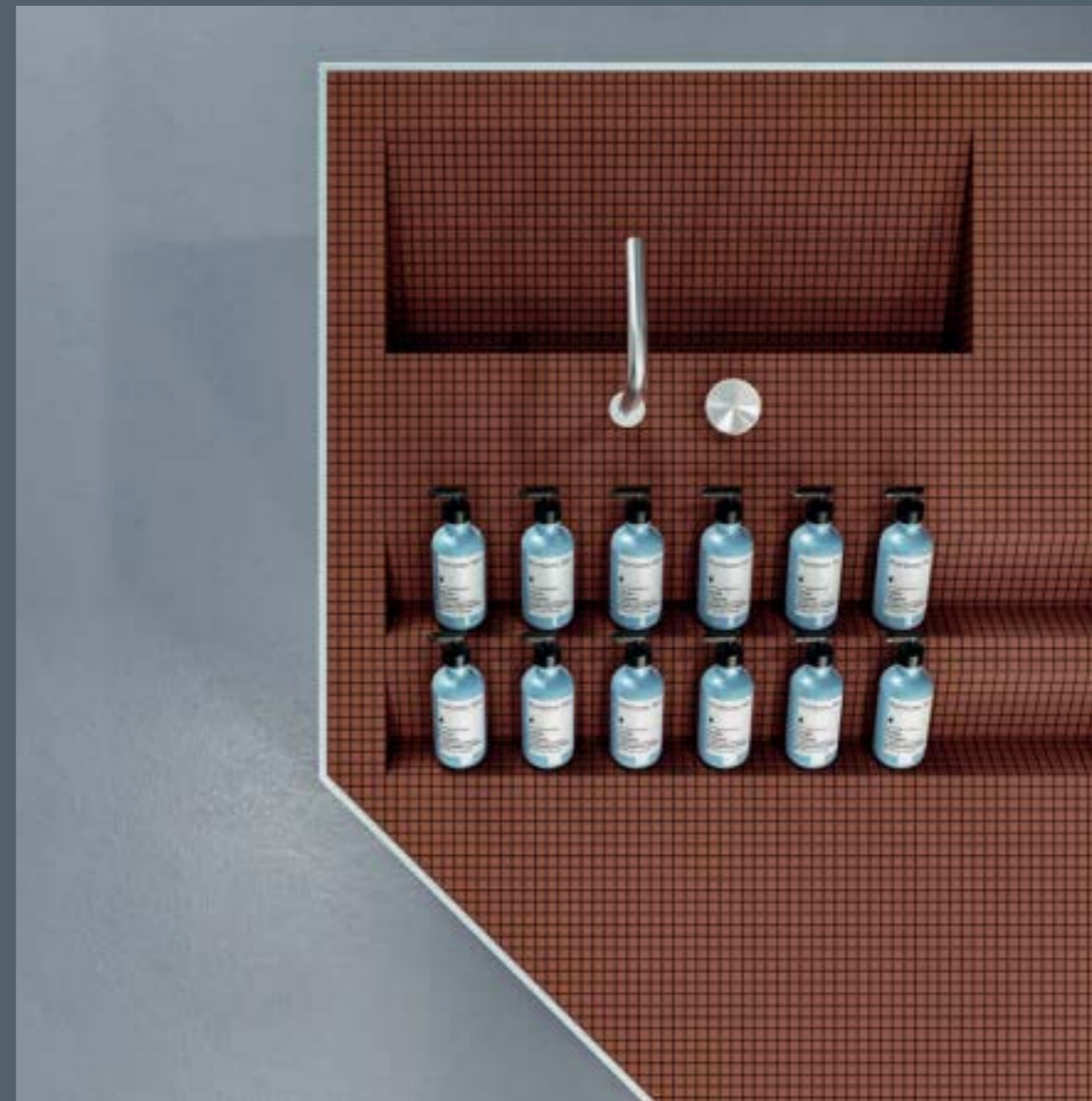
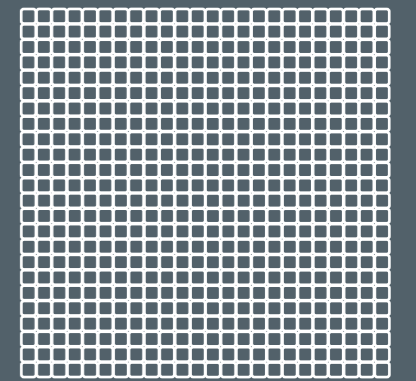
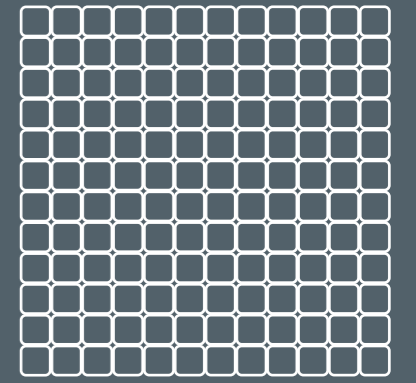
Mosaic

- Module 300 x 300 mm (sheet size)
- 25 x 25 mm
- Aurora PST 7004

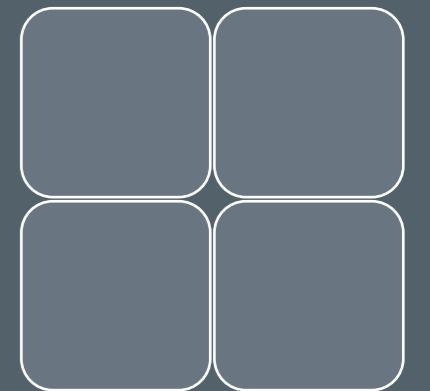
Top

Mosaic

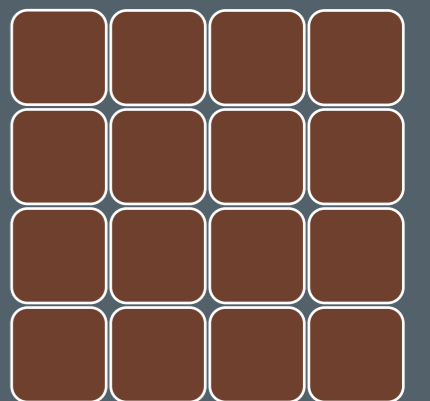
- Module 300 x 300 mm (sheet size)
- 12.5 x 12.5 mm
- Nocciola PST 4006

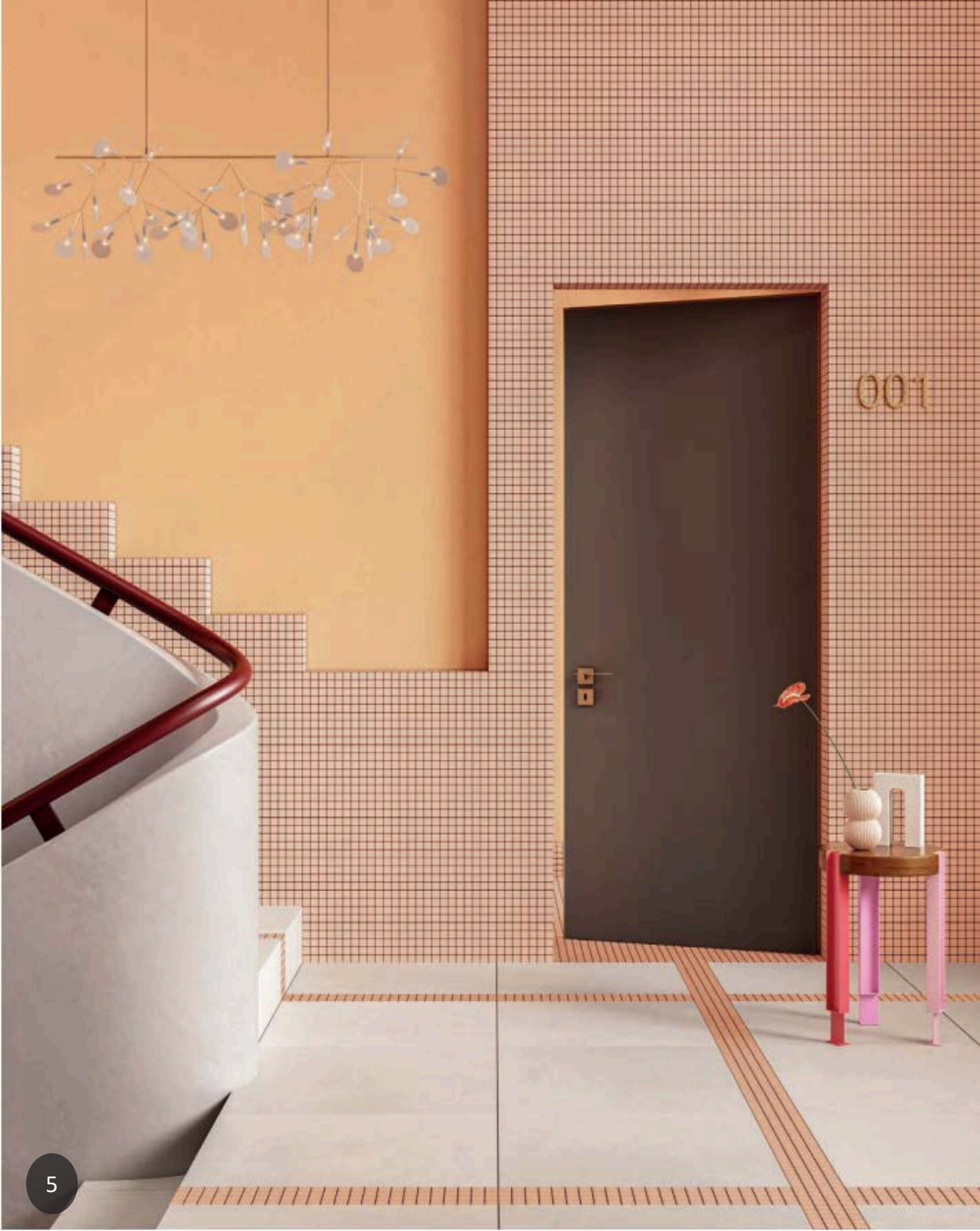


aurora



nocciola





#### Wall

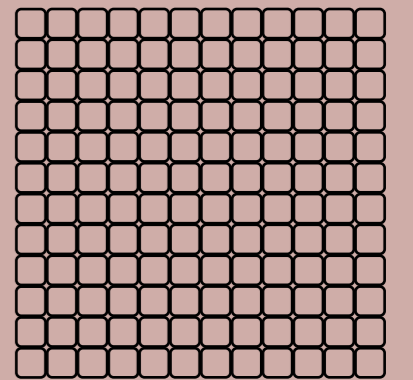
##### Mosaic

- Module 300 x 300 mm (sheet size)
- 25 x 25 mm
- Conchiglia PST 7005

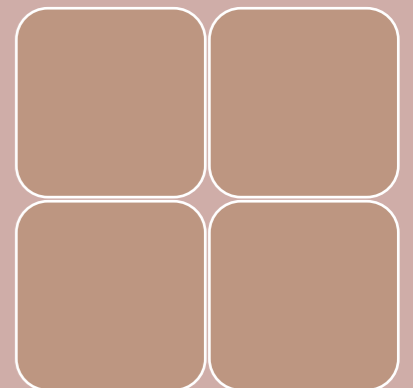
#### Floor

##### Mosaic

- Module 300 x 300 mm (sheet size)
- 25 x 25 mm
- Conchiglia PST 7005



conchiglia





Wall

Mosaic

- Module 300 x 300 mm (sheet size)
- 12.5 x 12.5 mm
- Nocciola PST 4006

Floor

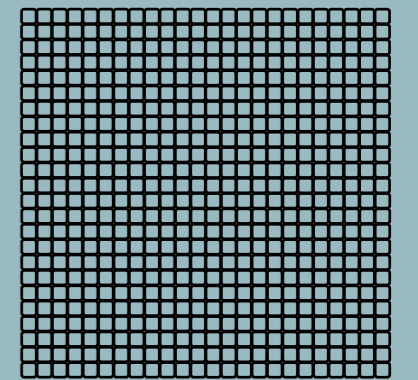
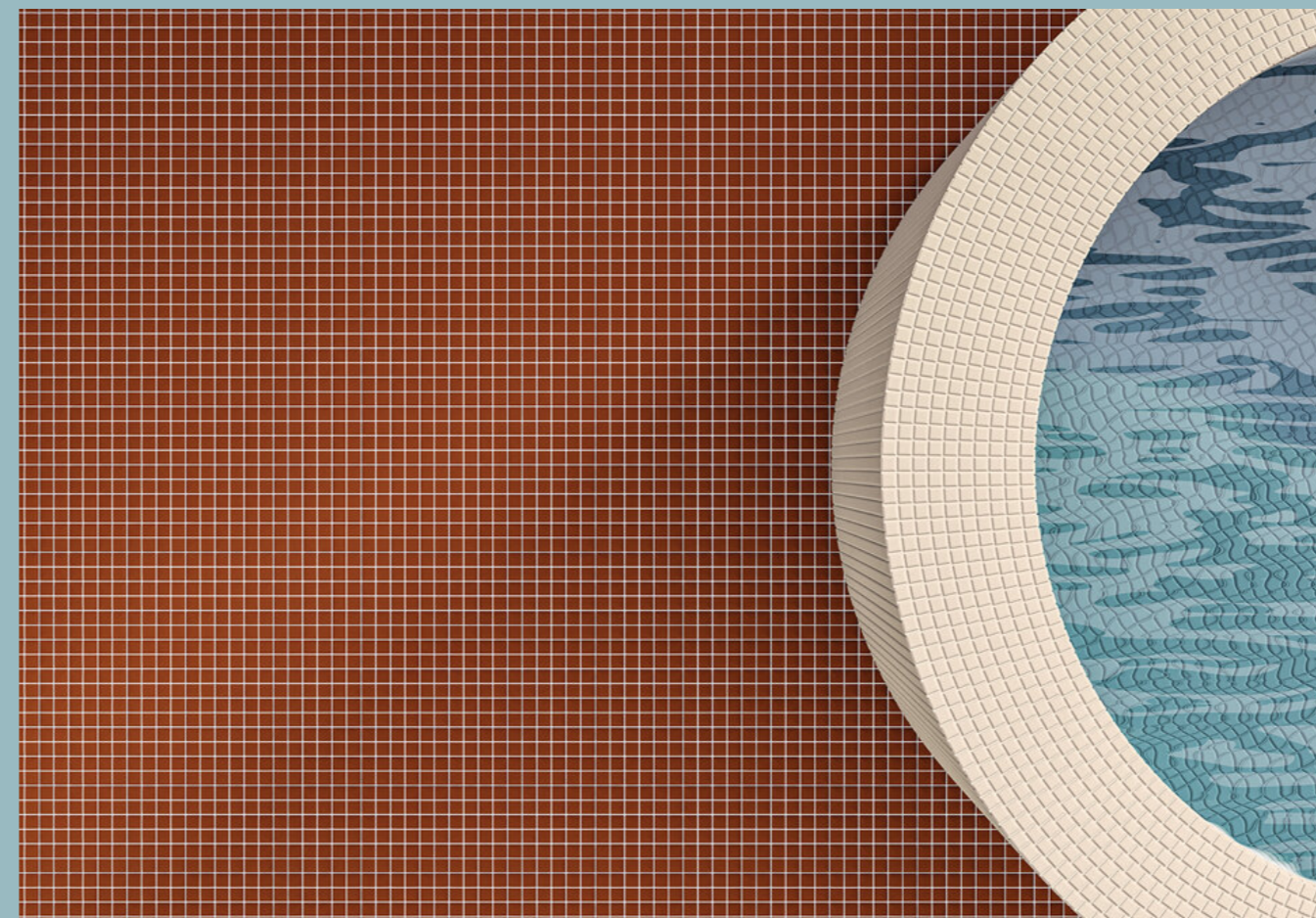
Mosaic

- Module 300 x 300 mm (sheet size)
- 12.5 x 12.5 mm
- Osso PST 4001

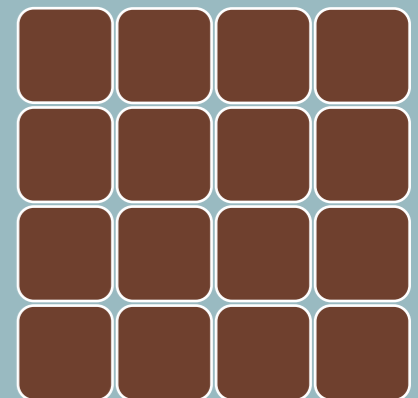
Bench, niche & bathtub

Mosaic

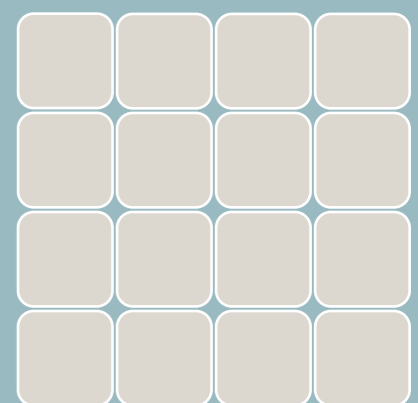
- Module 300 x 300 mm (sheet size)
- 12.5 x 12.5 mm
- Osso PST 4001



nocciola



OSSO





#### Wall & Columns

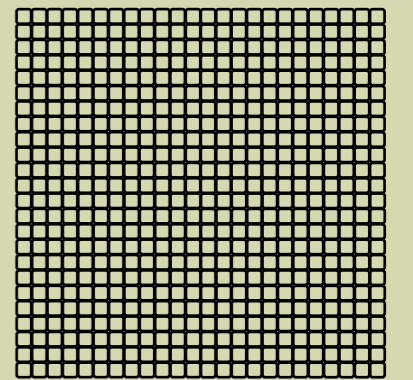
##### Mosaic

- Module 300 x 300 mm (sheet size)
- 12.5 x 12.5 mm
- Osso PST 4001

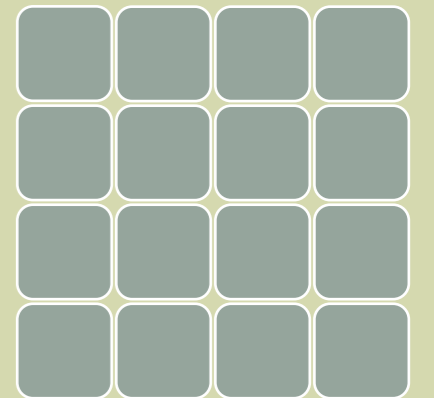
#### Floor

##### Mosaic

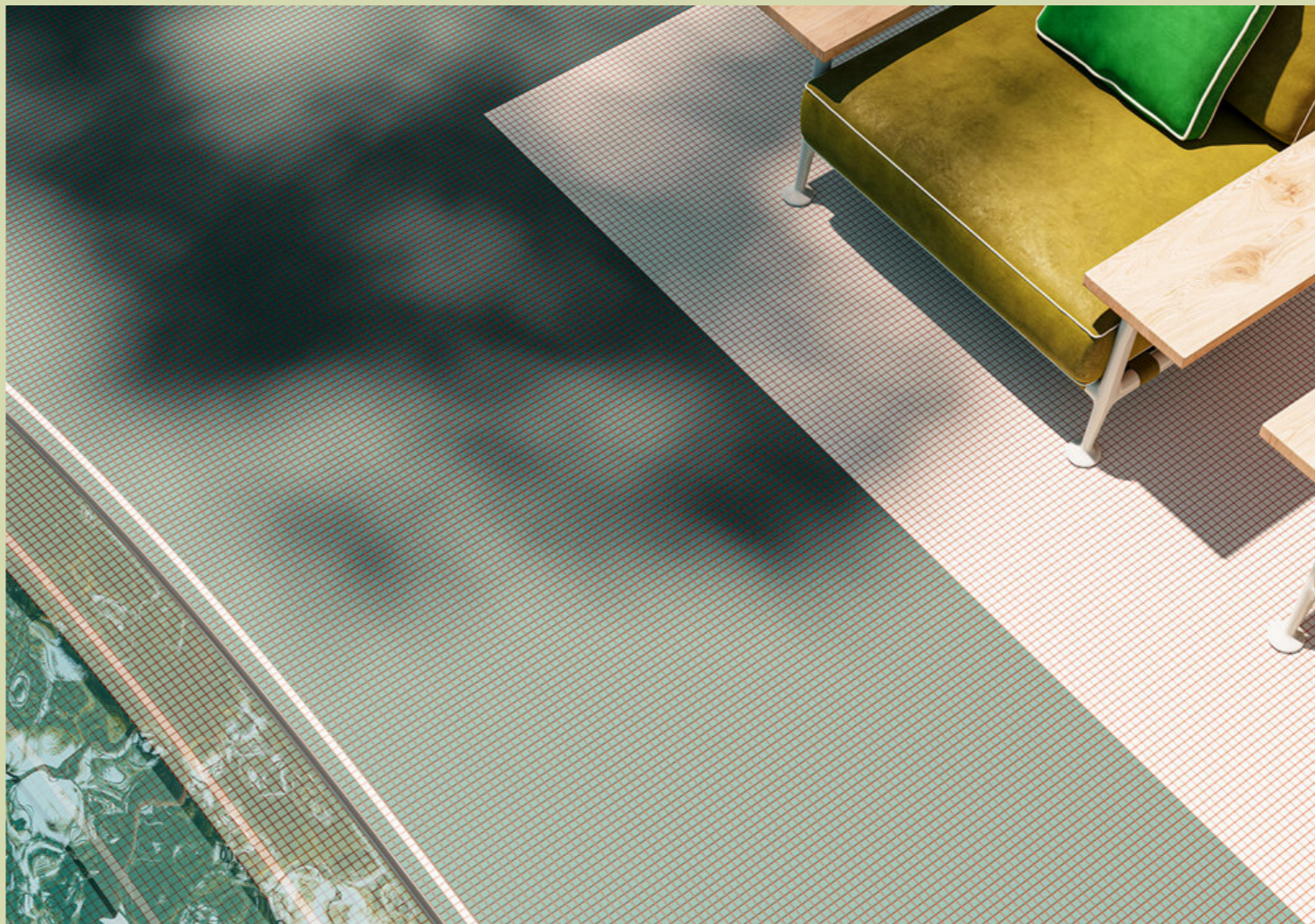
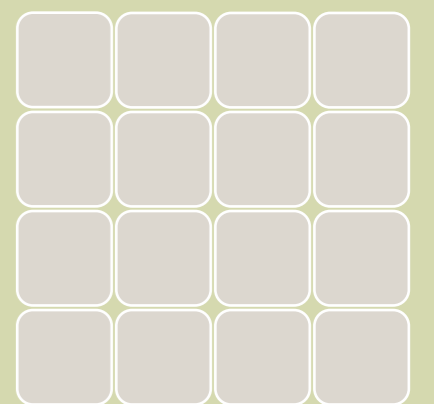
- Module 300 x 300 mm (sheet size)
- 12.5 x 12.5 mm
- Ruscello PST 4007



ruscello



OSSO





Wall

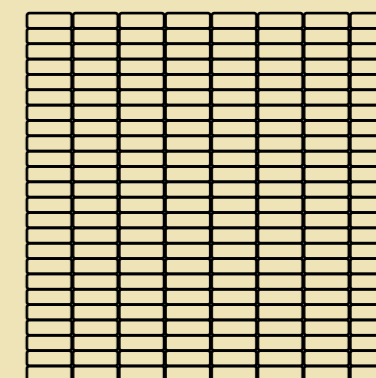
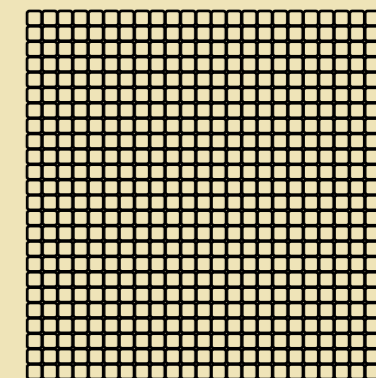
Mosaic

- Module 300 x 300 mm (sheet size)
- 12.5 x 37.5 mm
- Ruscello PST 3007

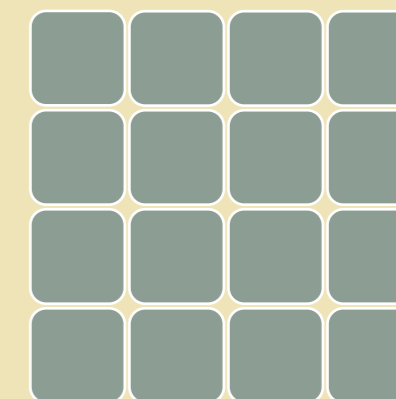
Floor

Mosaic

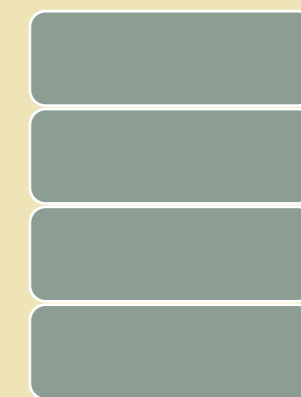
- Module 300 x 300 mm (sheet size)
- 1.25 x 1.25 mm
- Ruscello PST 4007



ruscello



ruscello



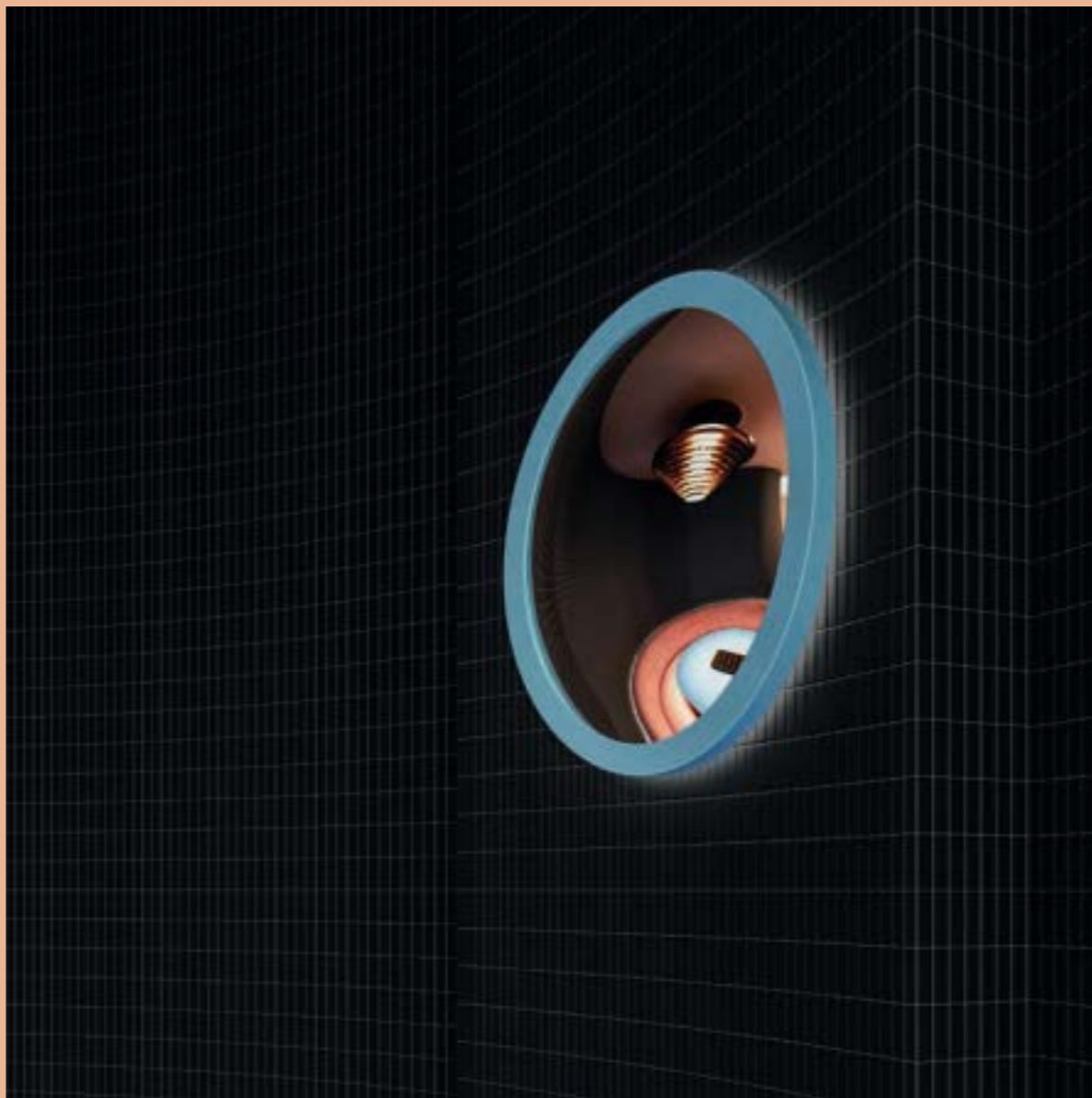
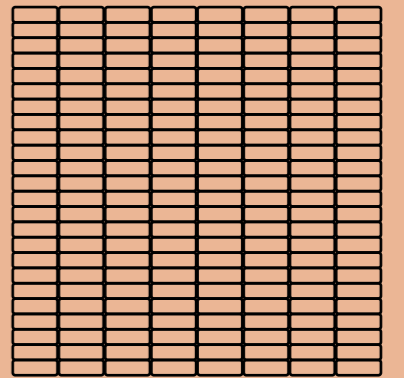




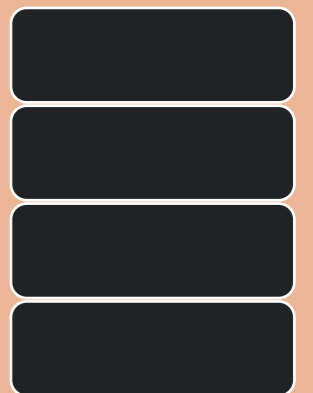
Wall

Mosaic

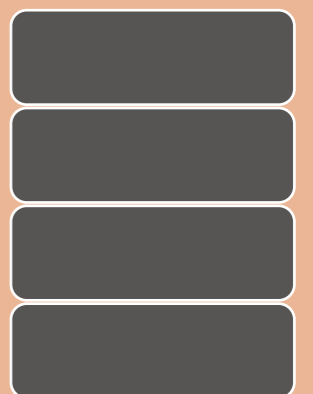
- Module 300 x 300 mm (sheet size)
- 12.5 x 37.5 mm
- Antracite PST 3008
- Cenere PST 3002



antracite



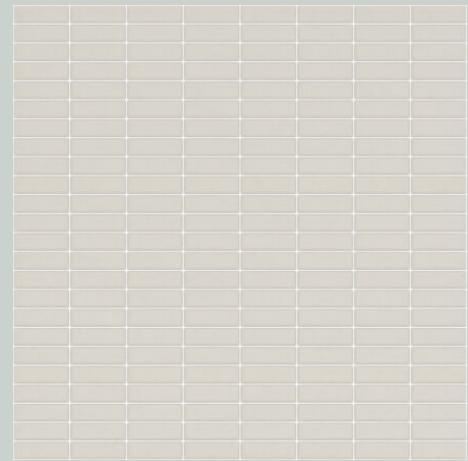
cenere



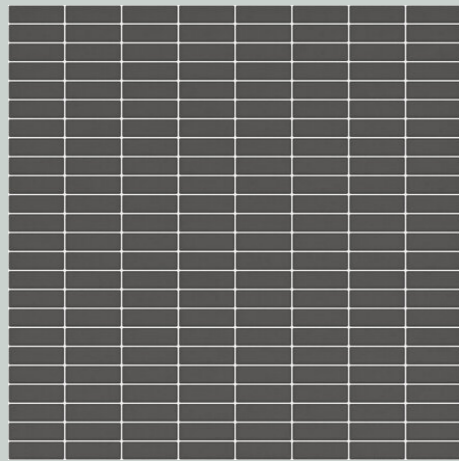
# COLOURS

# COLOURS

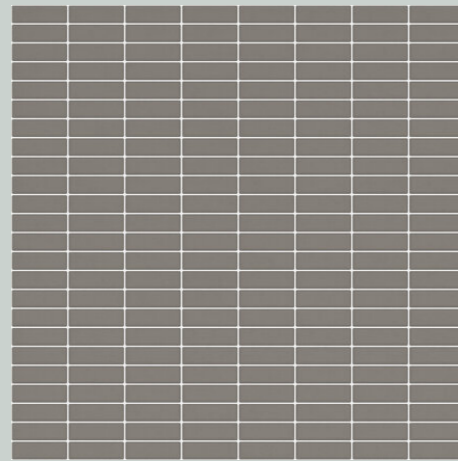
## MOSAIC SIZE 12.5X37.5 MM



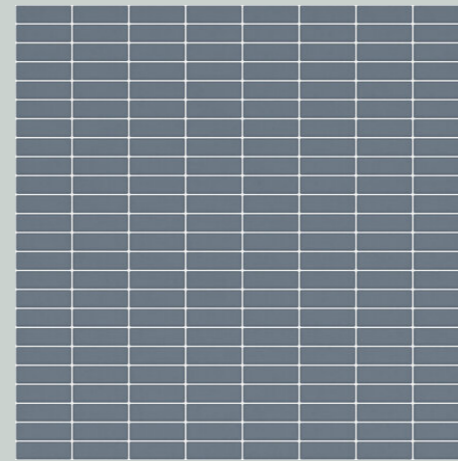
osso  
PST 3001



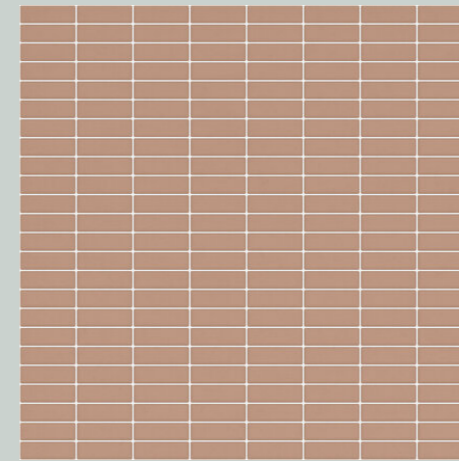
cenere  
PST 3002



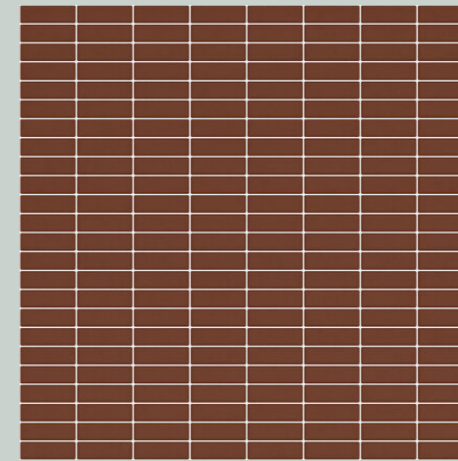
ostrica  
PST 3003



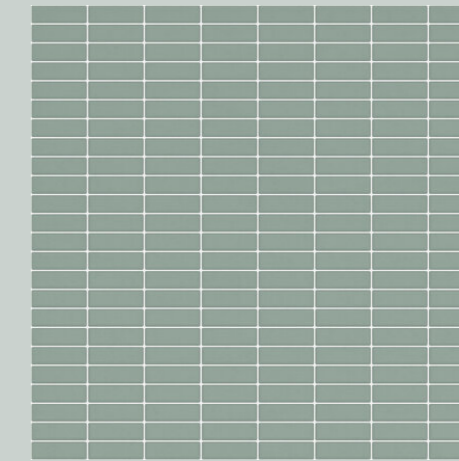
aurora  
PST 3004



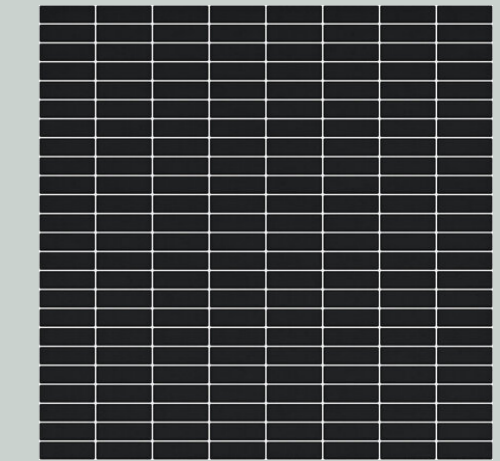
conchiglia  
PST 3005



nocciola  
PST 3006



ruscello  
PST 3007

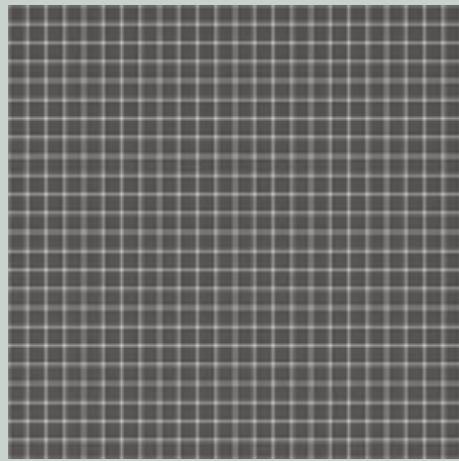


antracite  
PST 3008

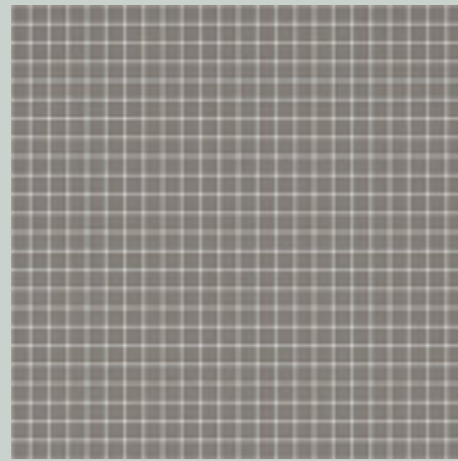
## MOSAIC SIZE 12X12 MM



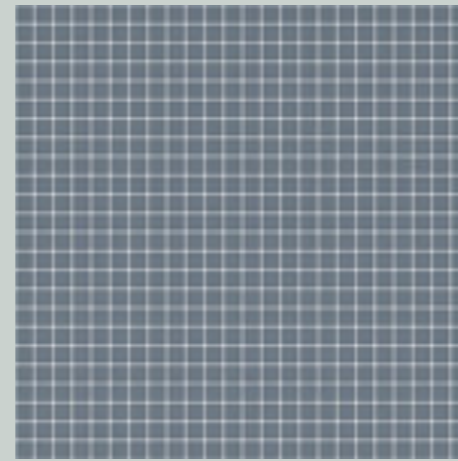
osso  
PST 4001



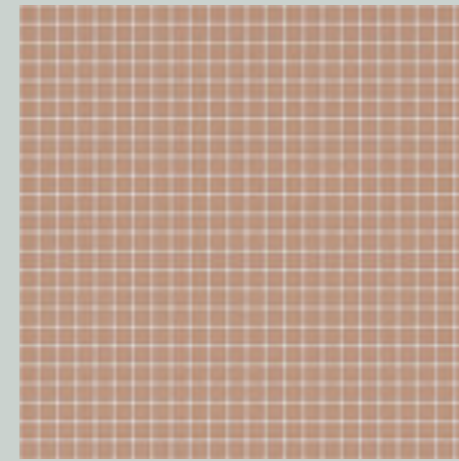
cenere  
PST 4002



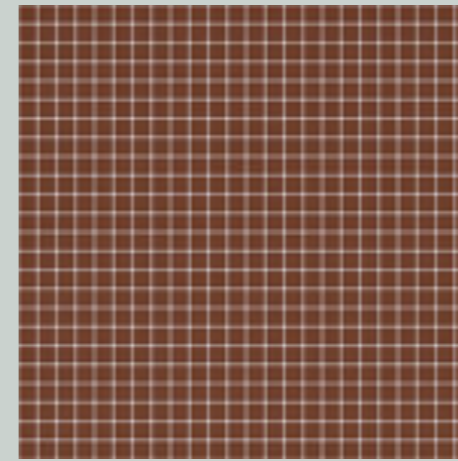
ostrica  
PST 4003



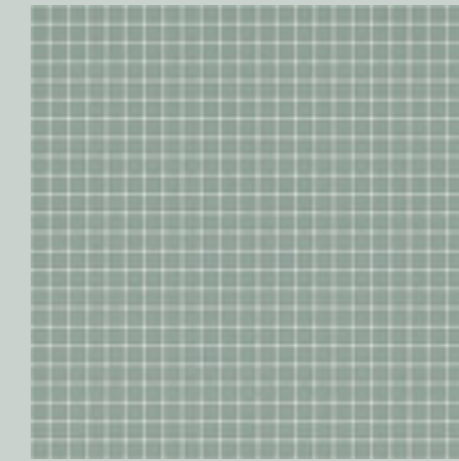
aurora  
PST 4004



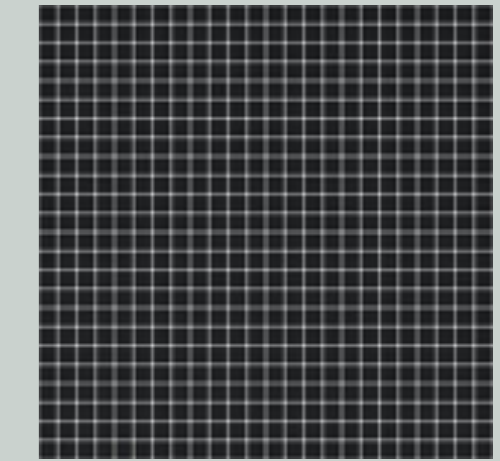
conchiglia  
PST 4005



nocciola  
PST 4006

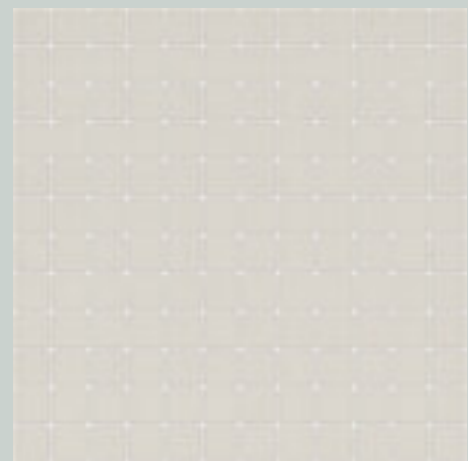


ruscello  
PST 4007

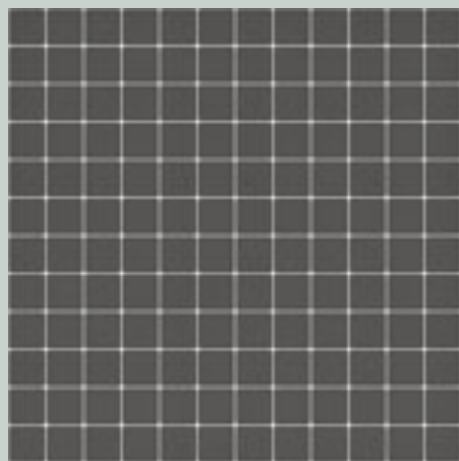


antracite  
PST 4008

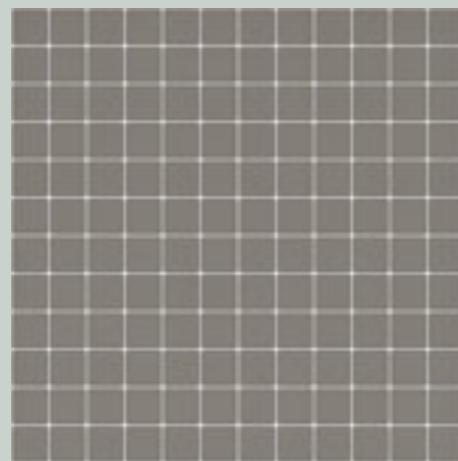
## MOSAIC SIZE 25X25 MM



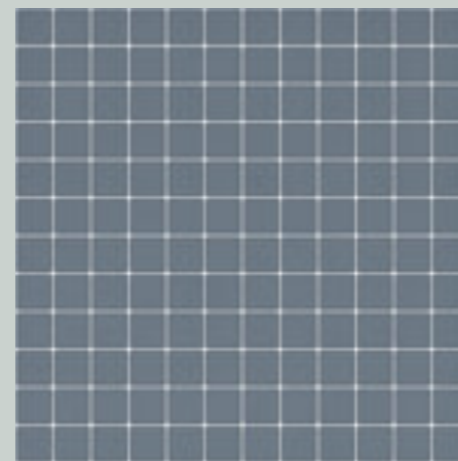
osso  
PST 7001



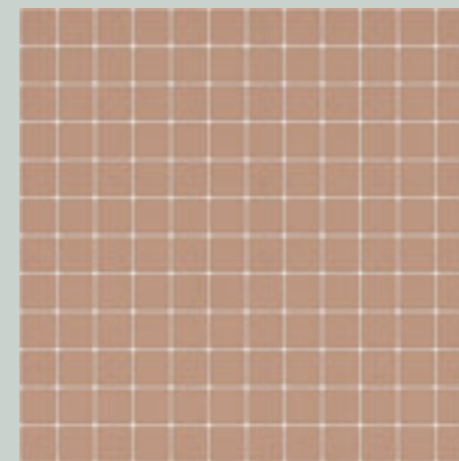
cenere  
PST 7002



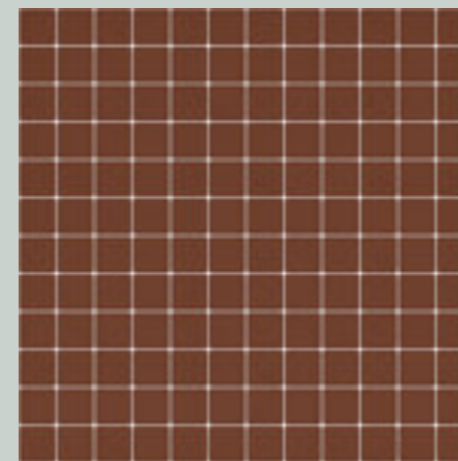
ostrica  
PST 7003



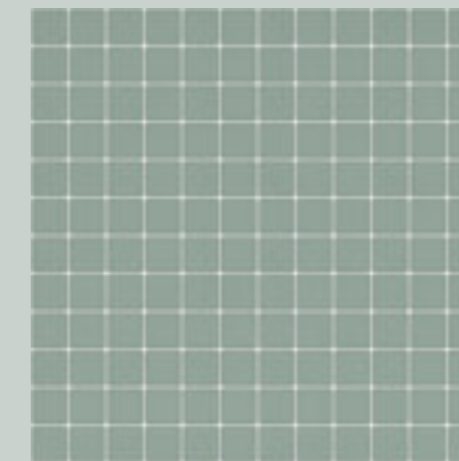
aurora  
PST 7004



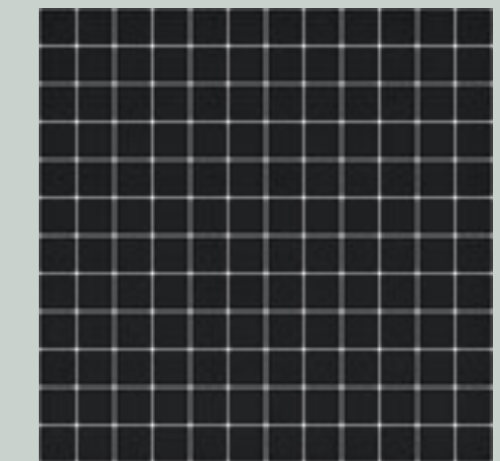
conchiglia  
PST 7005



nocciola  
PST 7006

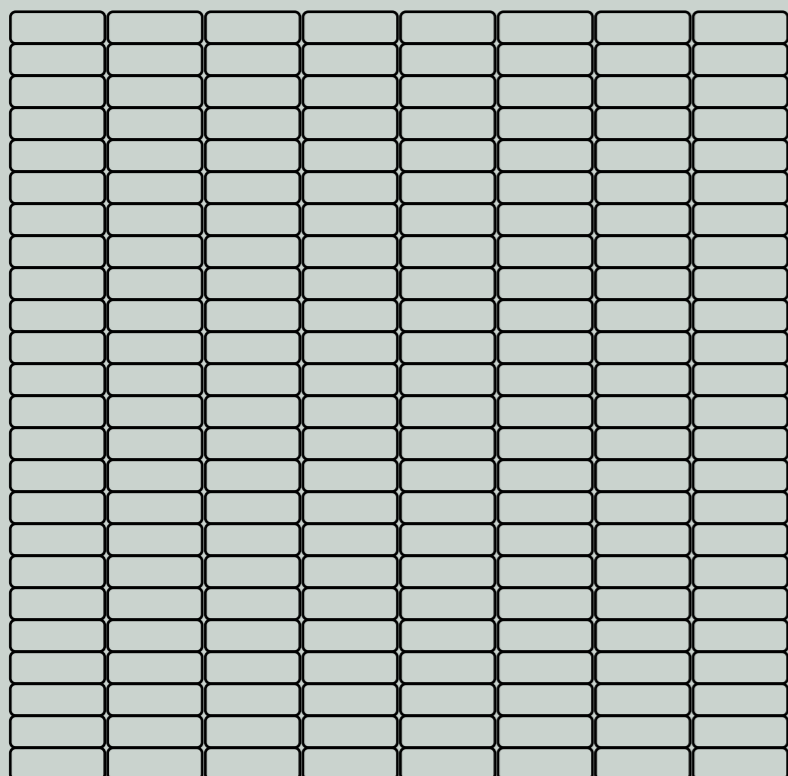


ruscello  
PST 7007



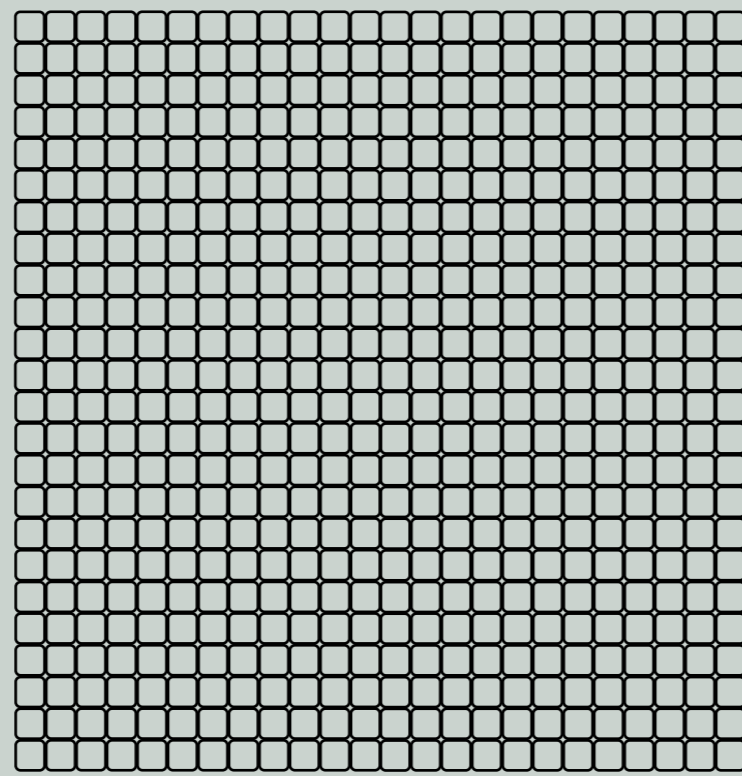
antracite  
PST 7008

300x300 mm sheet



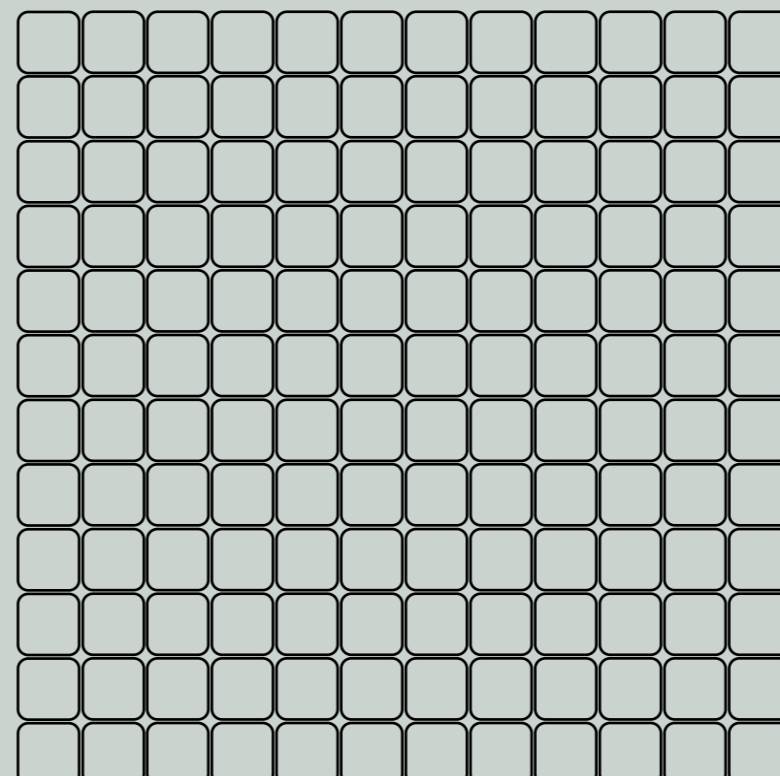
12.5x37.5 mm  
mosaic size

300x300 mm sheet



12x12 mm  
mosaic size

300x300 mm sheet



25x25 mm  
mosaic size

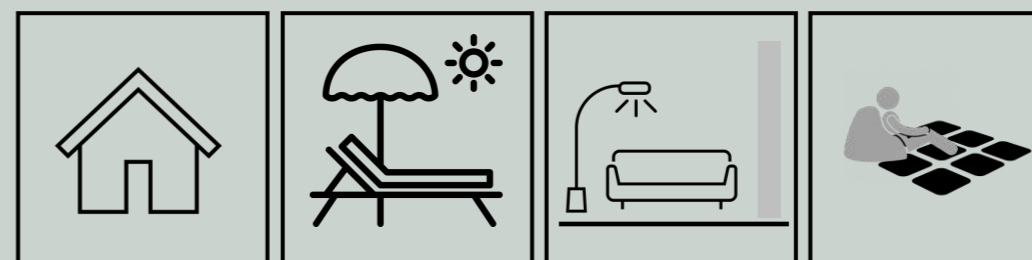
sheet size 300 x 300 mm (net mounted)

mosaic size 12 x 12 mm | 25x25 mm | 12.5x37.5 mm

abrasion coefficient:

(PEI) V OSSO | CENERE | OSTRICA | AURORA | CONCHIGLIA | NOCCIOLA | RUSCELLO | ANTRACITE

application

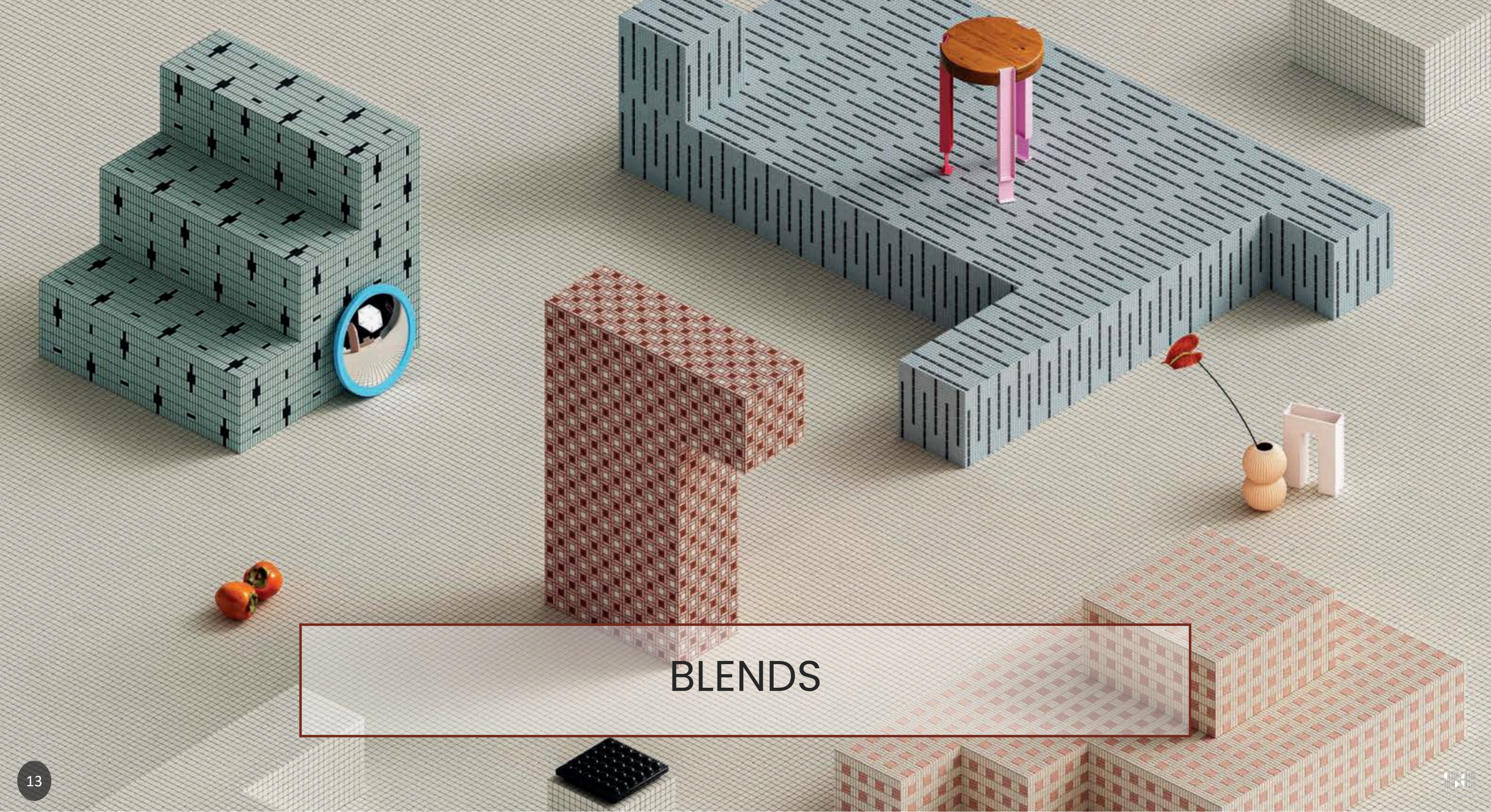


INDOOR

OUTDOOR

WALLS

FLOORS



# BLENDS



#### Wall

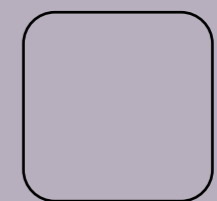
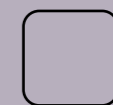
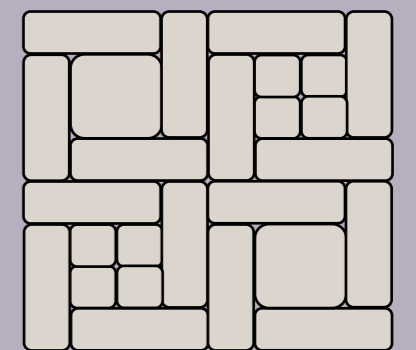
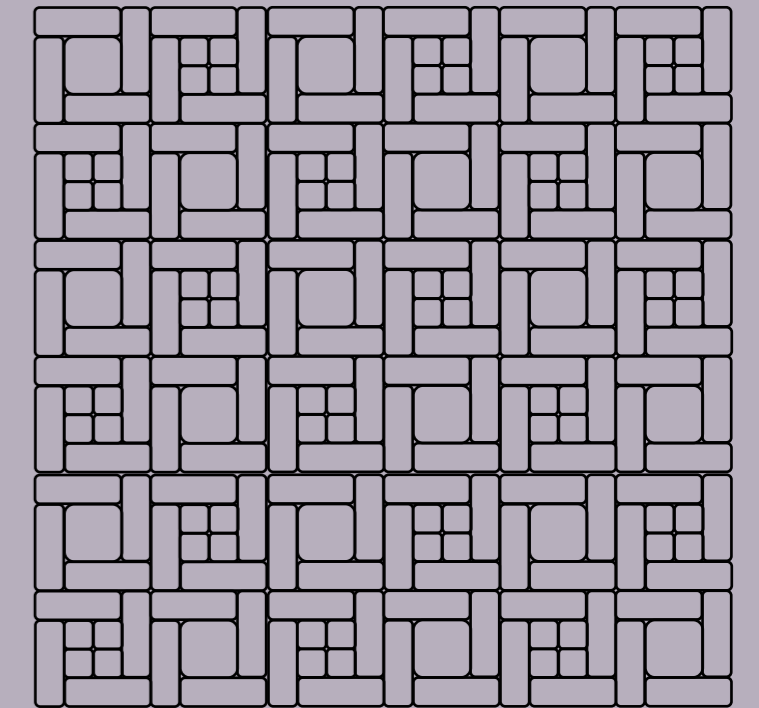
##### Mosaic

- Module 300 x 300 mm (sheet size)
- 12.5 X 12.5 mm
- 12.5 x 37.5 mm
- 25 x 25 mm
- Osso PST 4001 – PST 3001 – PST 7001

#### Floor

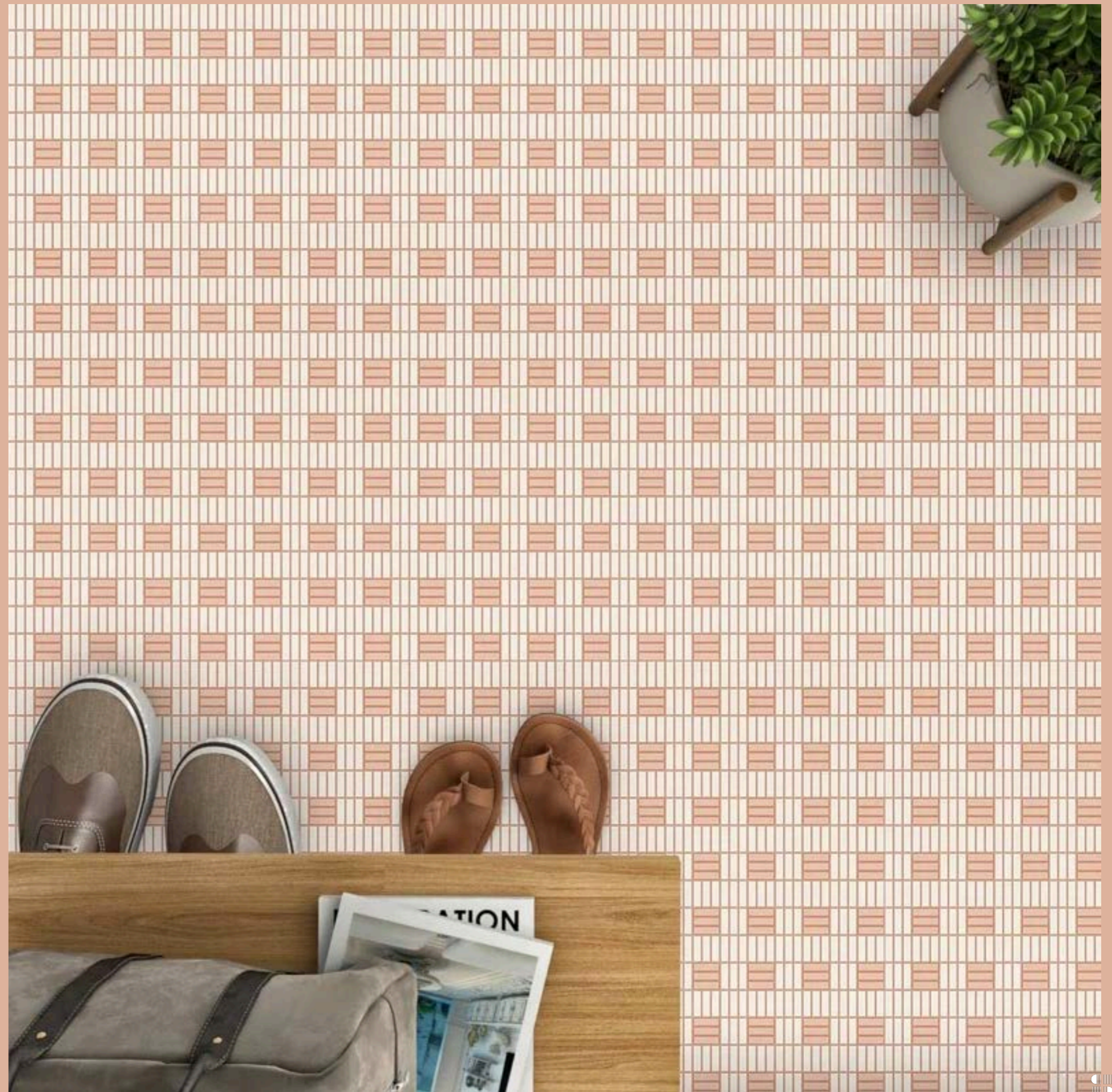
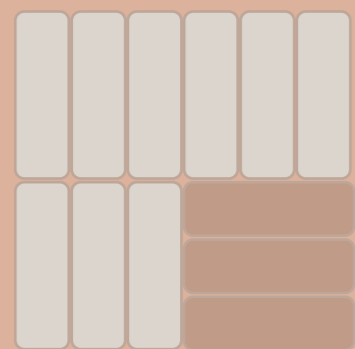
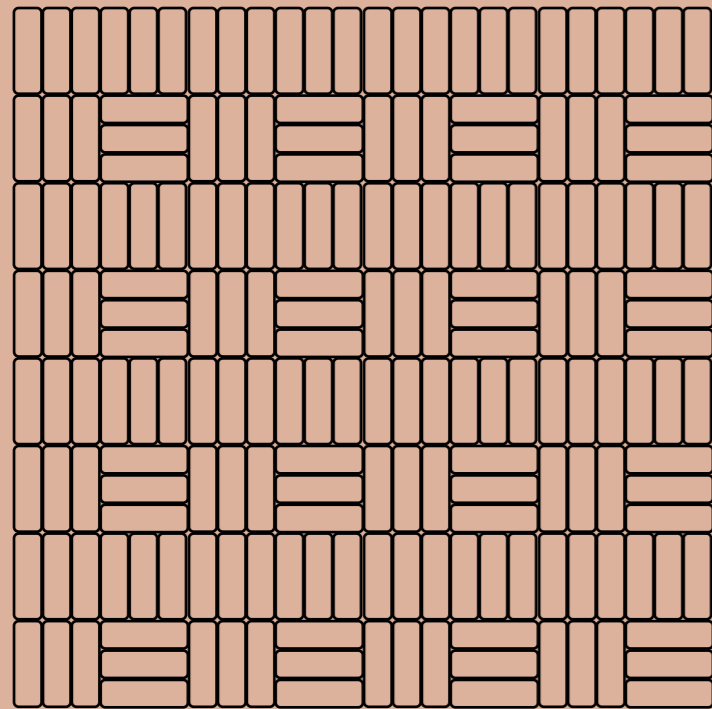
##### Mosaic

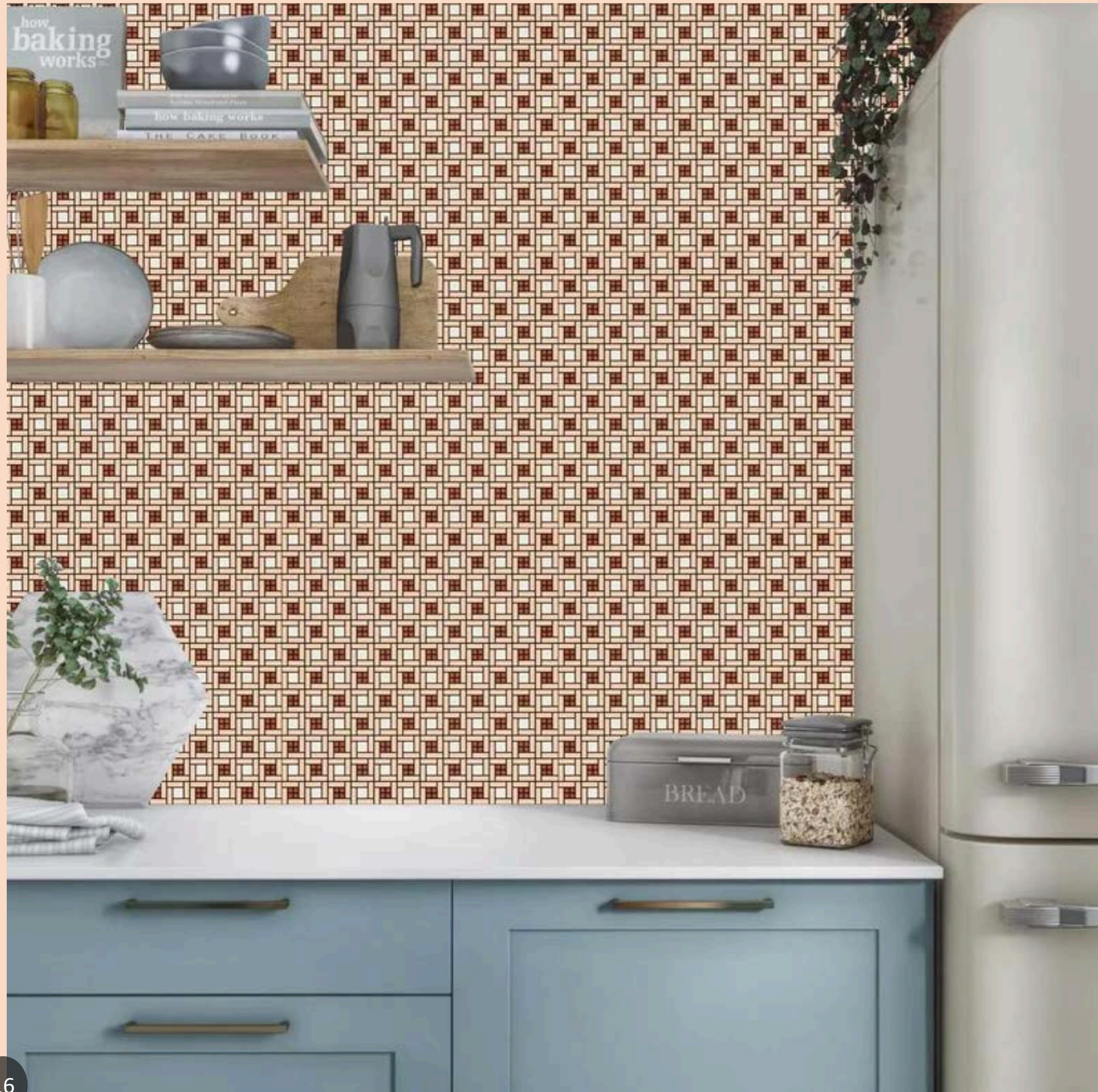
- Module 300 x 300 mm (sheet size)
- 12.5 X 12.5 mm
- 12.5 x 37.5 mm
- 25 x 25 mm
- Osso PST 4001 – PST 3001 – PST 7001



Mosaic

- Module 300 x 300 mm (sheet size)
- 12.5 x 37.5 mm
- Conchiglia PST 3005
- Osso PST 3001

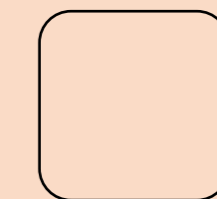
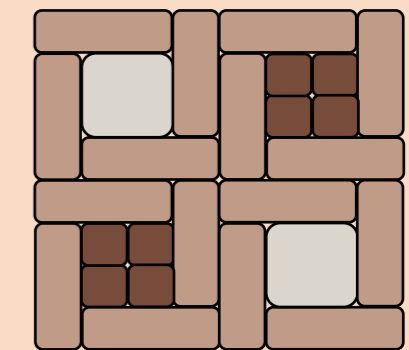
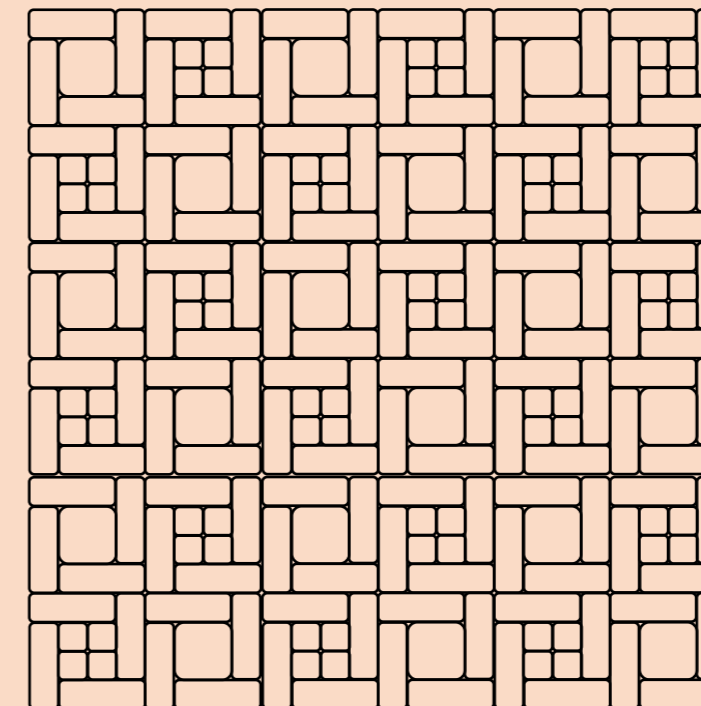




Wall

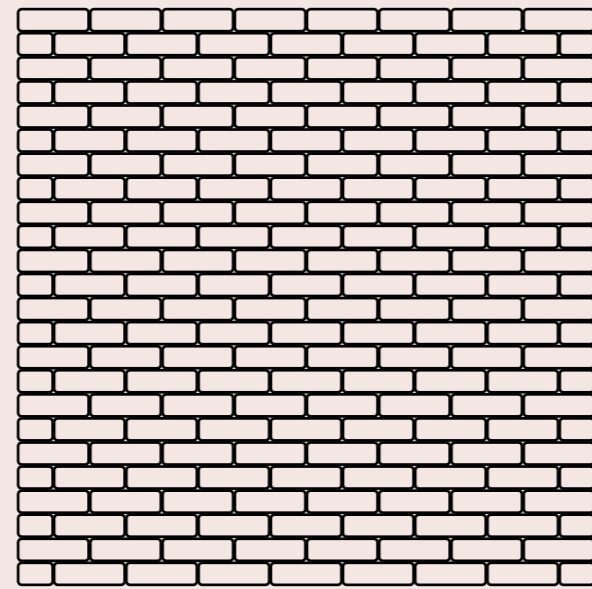
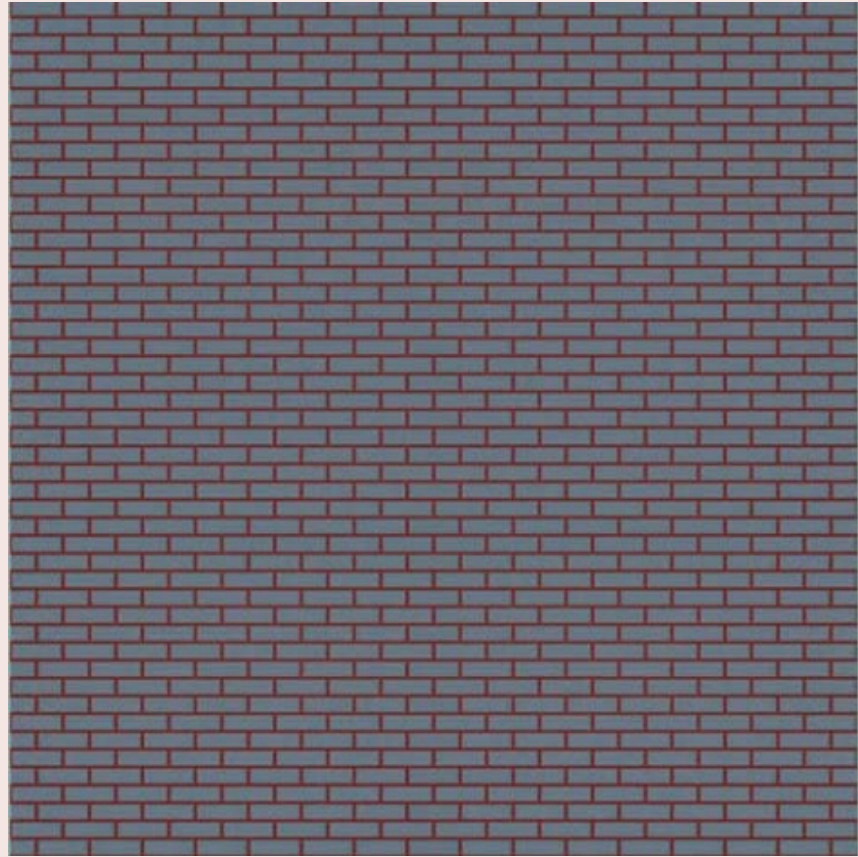
Mosaic

- Module 300 x 300 mm (sheet size)
- 12.5 X 12.5 mm
- 12.5 x 37.5 mm
- 25 x 25 mm
- Conchiglia PST 3005
- Osso PST 7001
- Nocciola PST 4006





BLEND A 600X600 mm



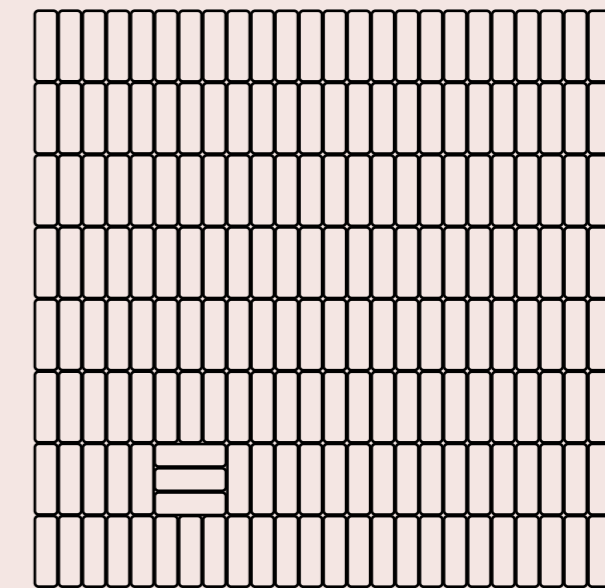
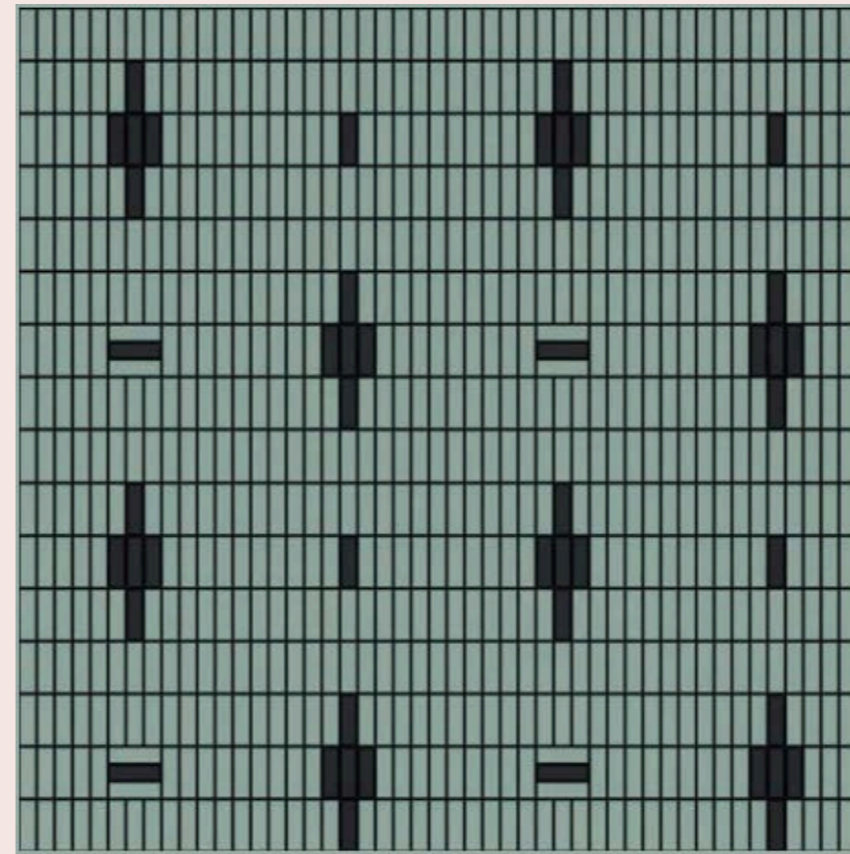
300x300 mm sheet

colour: AURORA  
grout colour: CILIEGIA



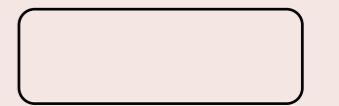
12.5x37.5 mm mosaic

BLEND C 600X600 mm



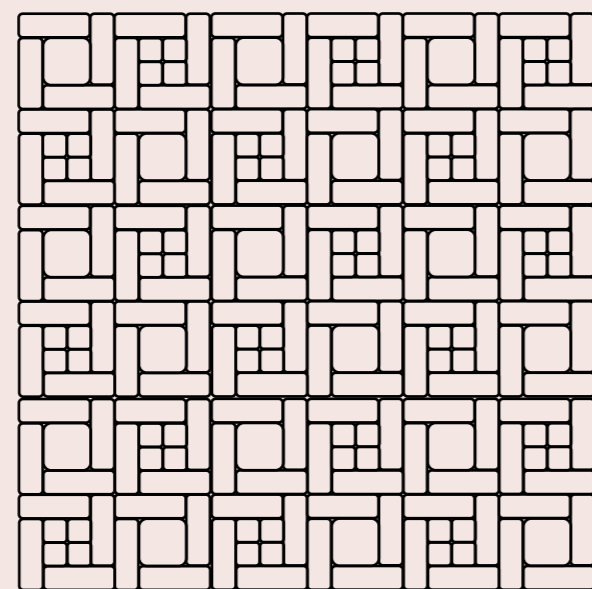
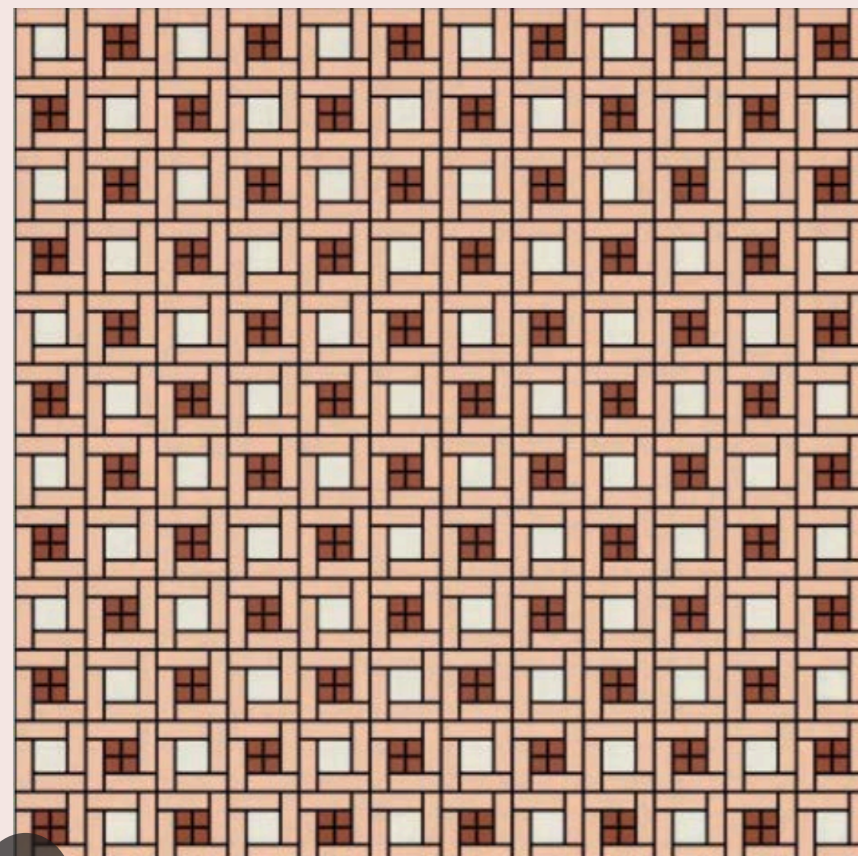
300x300 mm sheet

colour: RUSCELLO | ANTRACITE  
grout colour: ANTRACITE



12.5x37.5 mm mosaic

BLEND B 600X600 mm

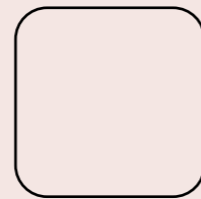


300x300 mm sheet

colours: CONCHIGLIA | OSSO | NOCCIOLA  
grout colour: ANTRACITE



12.5x37.5 mm mosaic

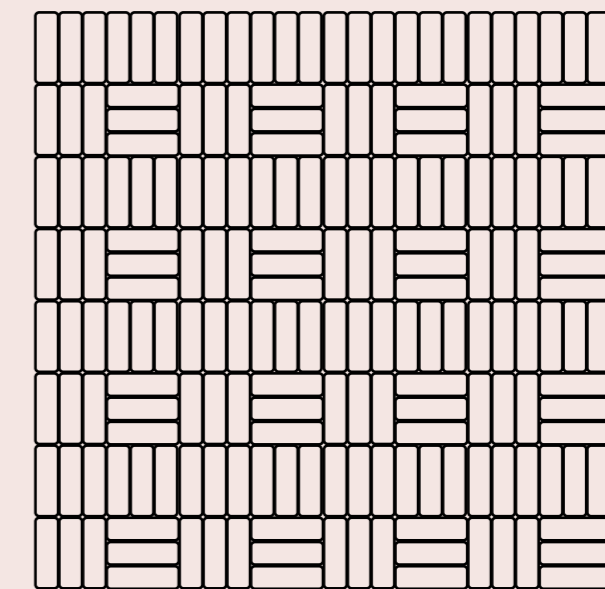
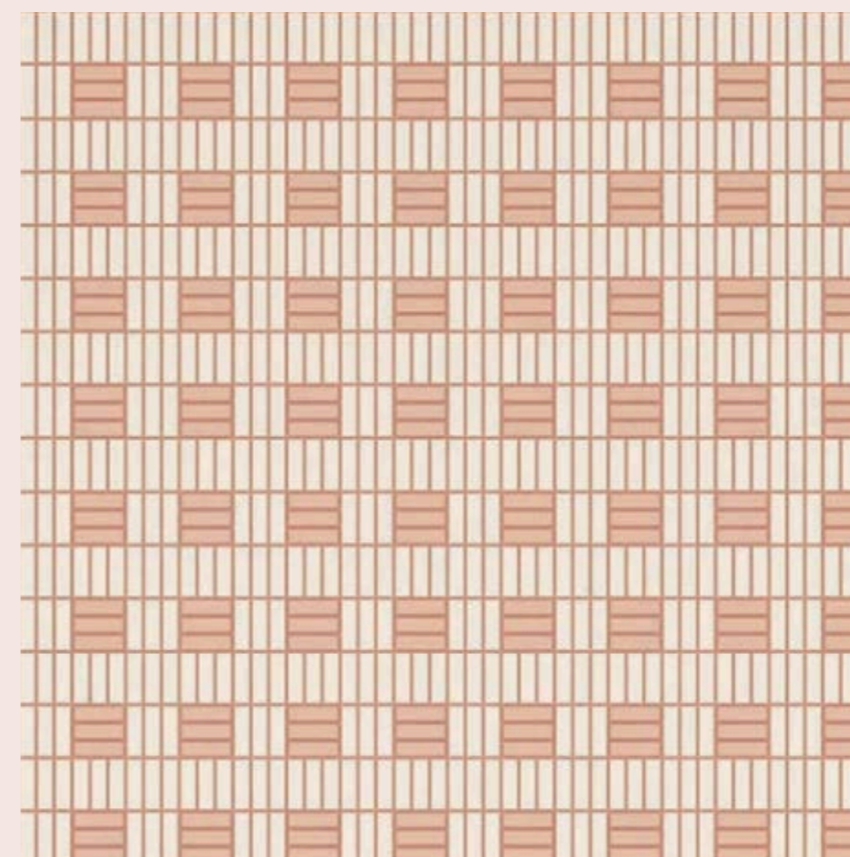


12.5x37.5 mm mosaic



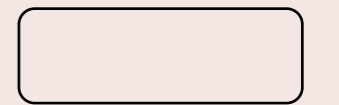
12.5x37.5 mm mosaic

BLEND D 600X600 mm



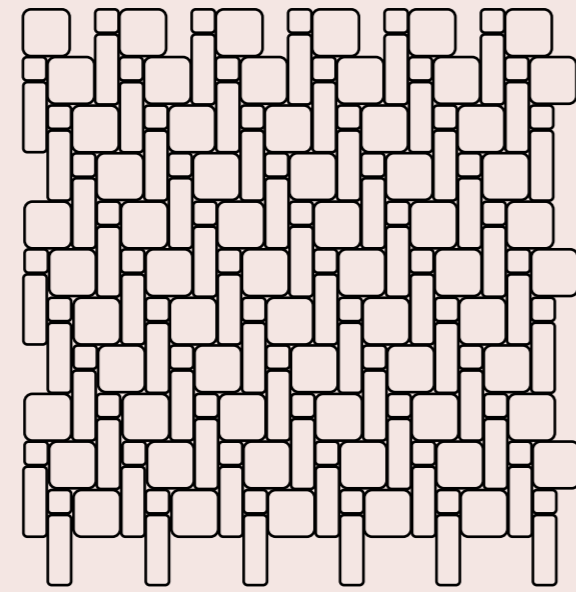
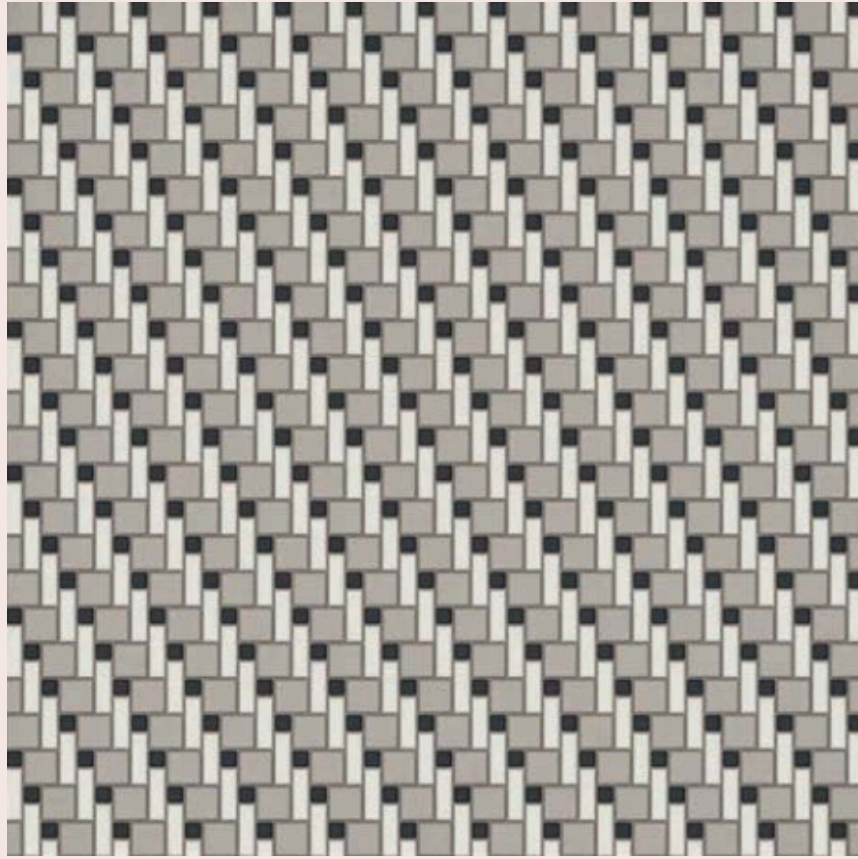
300x300 mm sheet

colours: CONCHIGLIA | OSSO  
grout colour: CARAMEL

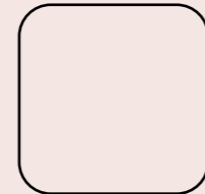


12.5x37.5 mm mosaic

BLEND E 600X600 mm



12.5x37.5 mm mosaic



12.5x37.5 mm mosaic

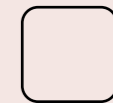
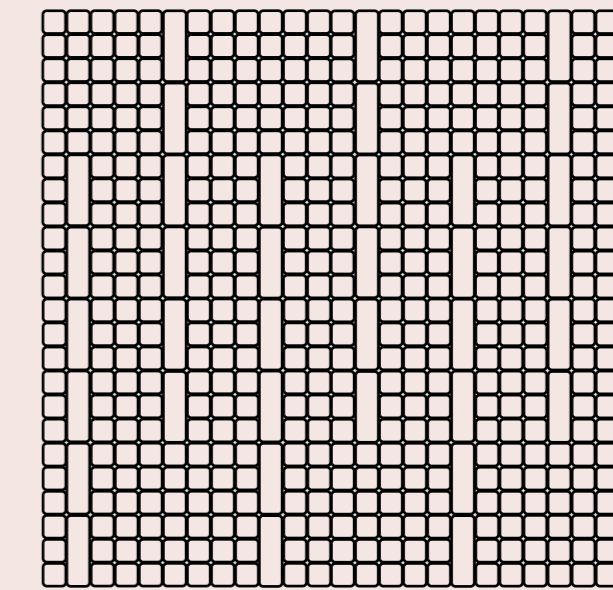
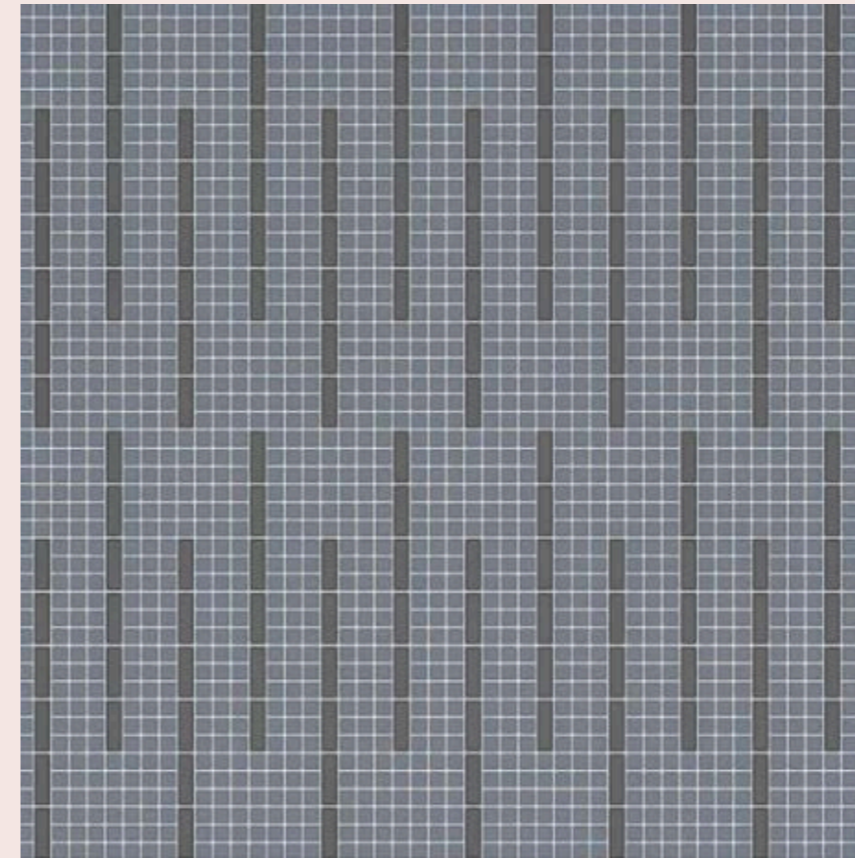


12.5x37.5 mm mosaic

300x300 mm sheet

colour: AURORA  
grout colour: CILIEGIA

BLEND G 600X600 mm



12.5x37.5 mm mosaic

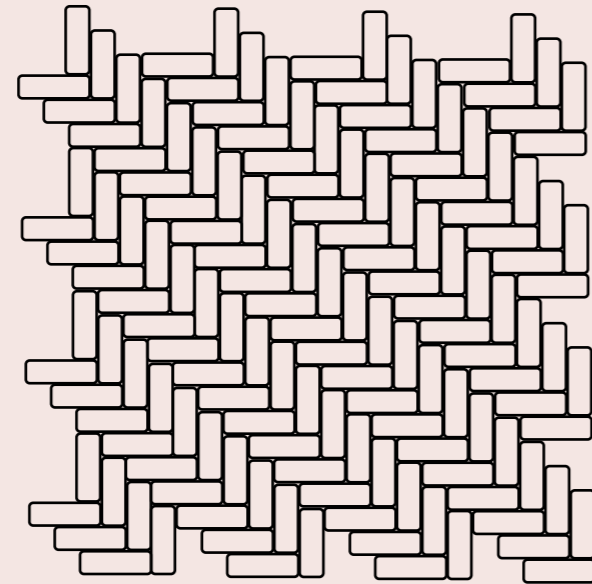
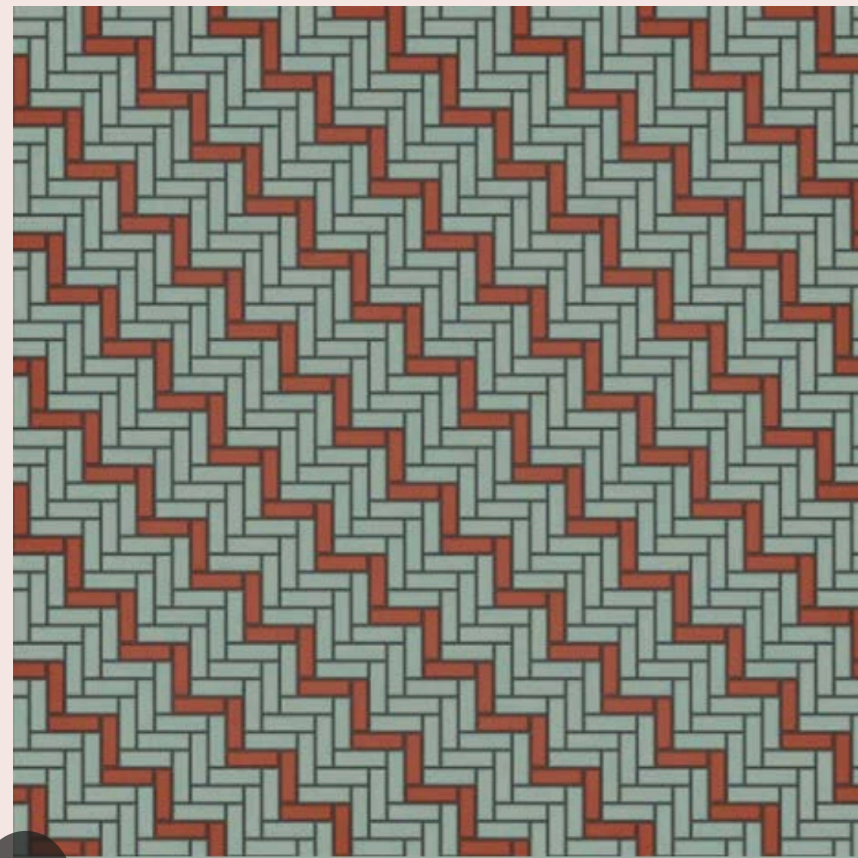


12.5x37.5 mm mosaic

300x300 mm sheet

colour: AURORA | ANTRACITE  
grout colour: MANHATTANE

BLEND F 600X600 mm

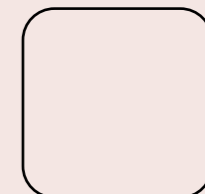
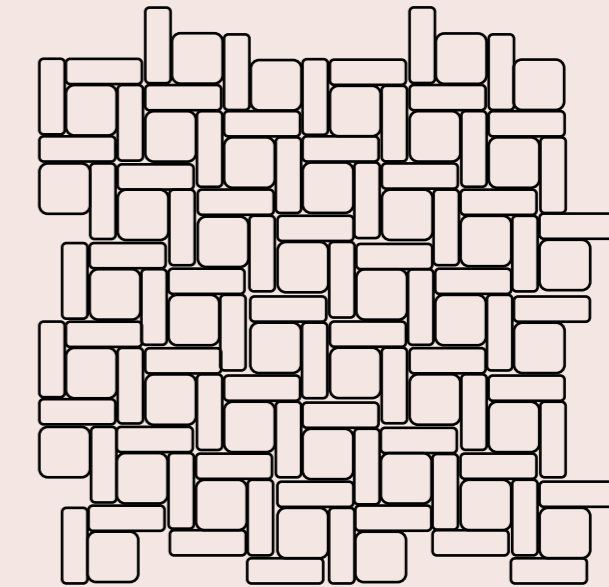
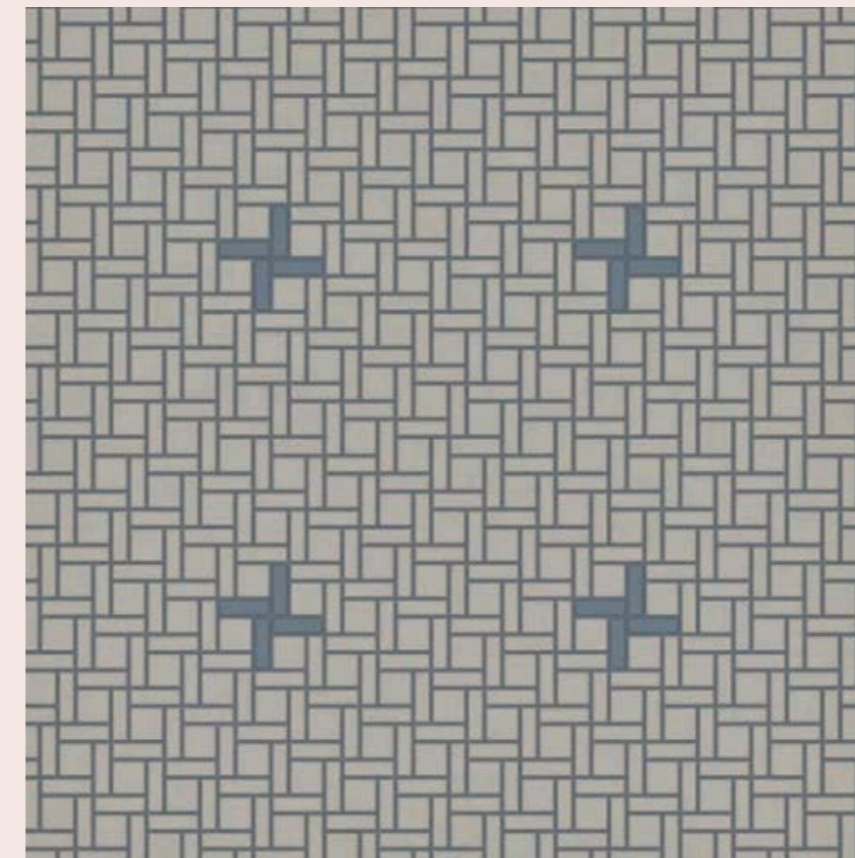


12.5x37.5 mm mosaic

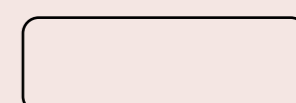
300x300 mm sheet

colours: RUSCELLO | NOCCIOLA  
grout colour: ANTRACITE

BLEND H 600X600 mm



12.5x37.5 mm mosaic



12.5x37.5 mm mosaic

300x300 mm sheet

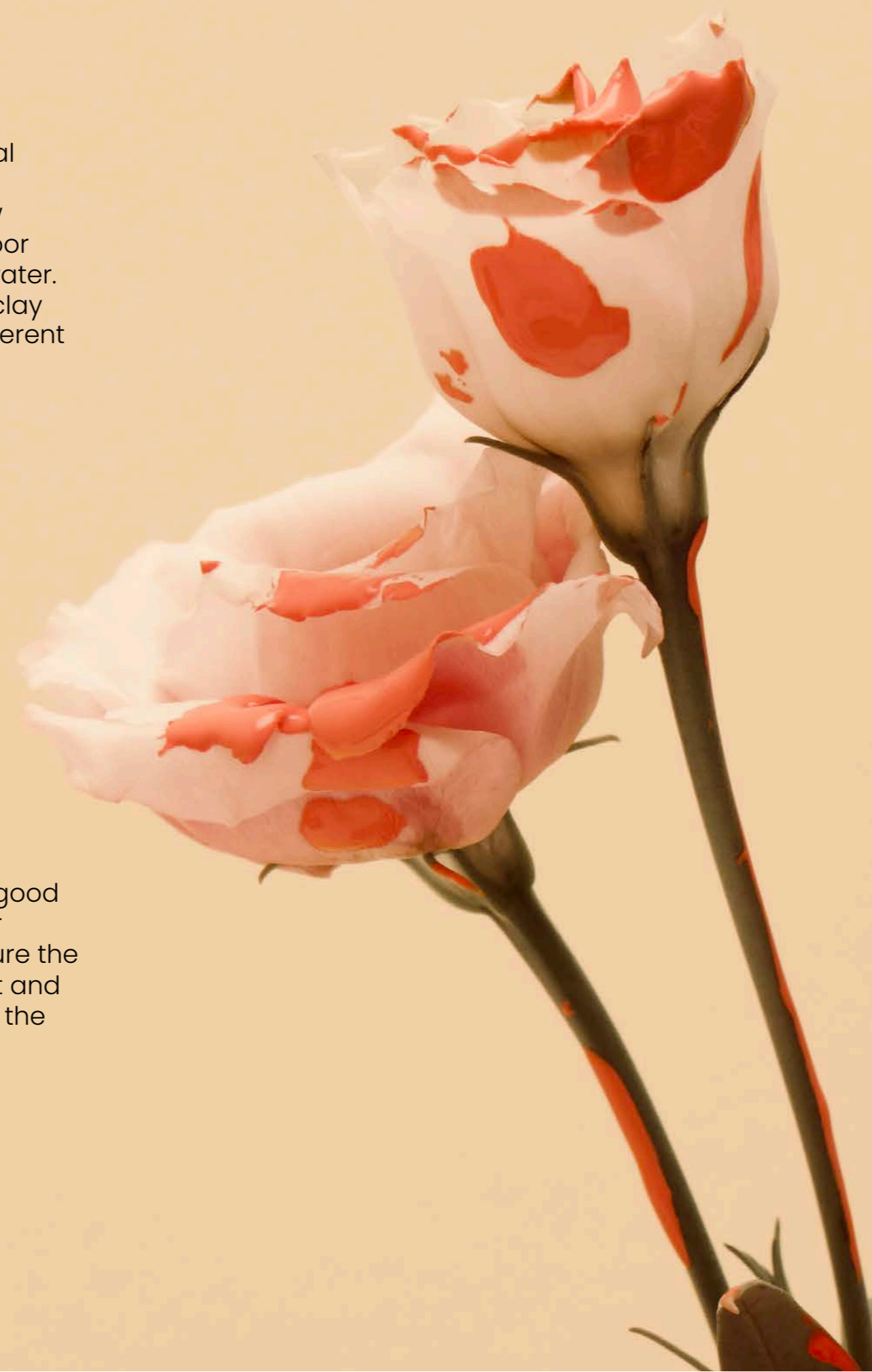
colours: OSTRICA | AURORA  
grout colour: GRIGIO CASTELLO

Pastelli is a full coloured body stoneware. This mosaic guarantees advanced technical performance that will not change over time. High firing temperatures and high compactness allow significant resistance to loads, shocks, wear and frost. With its low water absorption ( $E \leq 0.5\%$ ) this mosaic is the most suitable ceramic material for outdoor laying on floors and walls, including near surfaces that are damp or in contact with water. In particular, the Pastelli collection is a full-body coloured product, which starts from clay and pigmented earths which are then pressed, to compose each single tile in the different colour lines. A product that is perfectly coherent with other collections, for aesthetic potential and uncompromising durability.

It is possible to use the custom layouts in the catalogue to freely change the colours and obtain new colour combinations or design the desired laying scheme with the available formats, the template of which is created using a 3D printer

#### Installation in areas with underfloor heating

Installation in areas with underfloor heating Pastelli is suitable for underfloor heating systems, complying with the following requirements: - reduced thickness (7,2 mm) - good thermal conductivity of the ceramic material - minimum amount of glue required for laying - use of cement-based grouts for filling. Following these requirements will ensure the effective technical performance of the system, ensuring the optimal passage of heat and maintaining an ideal temperature in the room, while making the floor comfortable to the touch.

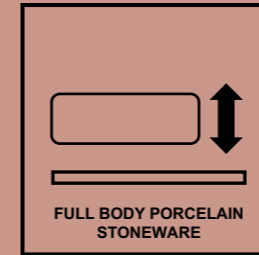


## Antibacterial Defense Bio Shield+

Bio Shield+ antibacterial defense This collection is developed with Bioshield+, the first and only "native" bactericidal, anti-mould and anti-stain treatment, which is long-lasting and protects the surface in any condition of use, temperature and light. Bioshield+ was born from the collaboration with Metco Italia, a leader in research in this sector and the creator of the innovative Zerobakter 4ever finish. This solution (which is much more than just an "antibacterial shield") is certified according to the strictest international standards, guaranteeing constant protection, which is resistant to the chemical agents present in the most common detergents, but does not interfere with the aesthetic and technical properties of the ceramic surface. It is therefore ideal for settings where maximum hygiene and comfort must be guaranteed, such as in hospitals, schools, canteens, wellness environments, hotels, and our homes.

## Ultra technical and Ultra Green

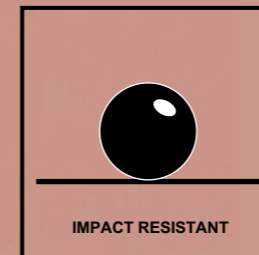
Ultra technical and Ultra Green Spotless, literally. This is Pastelli, an ultra-technical product that fits perfectly, focused on small format, aesthetic enhancement and attention to detail. A superior product from every point of view, anti-stain and antifungal, made in single-pressing. It is also a sustainable product, with certified earths and pigments, a factory sustainability balance, constant investments to improve machine and process efficiency.



porcelain stoneware



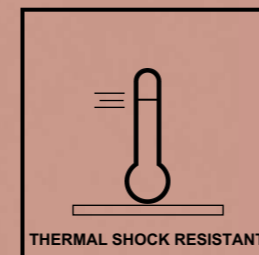
anti-slip



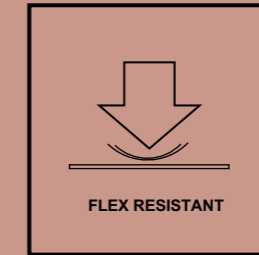
impact resistant



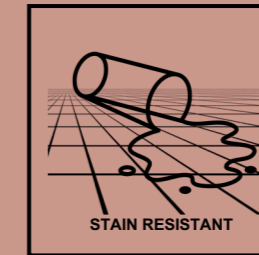
frost resistant



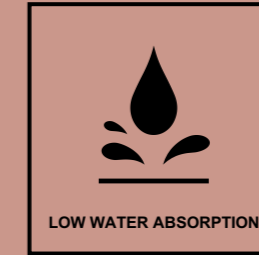
thermal shock resistant



bending strength



stain resistant



low water absorption ( $E \leq 0.5\%$ )



bacteriostatic and bacterial finish containing silver nanoparticles



fungicidal efficacy on the germination of fungi and molds harmful to humans


“Ceramics of Italy”

100%  
MADE IN ITALY













ISO: PASTELLI

PORCELAIN STONEWARE


		standard	tolerances	results
 <p>SURFACE DIMENSIONS &amp; QUALITIES</p>	sides 298.4X298.4 mm	EN ISO 10545-2	± 0.5%	± 0.2%
	thickness 7.2 mm	EN ISO 10545-2	± 5%	± 4%
	straightness of edges	EN ISO 10545-2	± 0.5%	± 0.4%
	squareness	EN ISO 10545-2	± 0.6%	± 0.4%
	surface qualities	EN ISO 10545-2	< 95%	< 95%
	surface flatness	EN ISO 10545-2	± 0.5%	± 0.4%

ISO: PASTELLI

PORCELAIN STONEWARE

physical properties	standard	requirements	results
 WATER ABSORPTION <small>ISO 10545-3</small>	ISO 10545-3	$E \leq 0.5\%$ appendix G	$\leq 0.5\%$
 BREAKING STRENGTH IN N <small>ISO 10545-4</small>	ISO 10545-4	700 min. appendix H	$> 1800$
 FLEX RESISTANCE <small>ISO 10545-4</small>	ISO 10545-4	30 min. appendix G	$> 50 \text{ N/mm}^2$
 IMPACT RESISTANCE <small>ISO 10545-5</small>	ISO 10545-5	testing method available	$> 0.6$ (appendix P)
 ABRASION RESISTANCE <small>ISO 10545-7</small>	ISO 10545-7	indicated by producer	PEI V
 COEFFICIENT OF THERMAL LINEAR EXPANSION <small>ISO 10545-8</small>	ISO 10545-8	testing method available	$< 7 \cdot 10^{-6}/^{\circ}\text{C}$
 THERMAL SHOCK RESISTANCE <small>ISO 10545-9</small>	ISO 10545-9	testing method available	guaranteed
 MOISTURE EXPANSION <small>ISO 10545-10</small>	ISO 10545-10	testing method available	$< 0.04\%$
 CRAZING RESISTANCE <small>ISO 10545-11</small>	ISO 10545-11	required	guaranteed
 FROST RESISTANCE <small>ISO 10545-12</small>	ISO 10545-12	required	guaranteed






chemical properties	standard	requirements	results
 <b>CHEMICAL RESISTANCE</b> <small>ISO 10545-13</small>	EN ISO 10545-13		
	resistance to chemical products for housekeeping & to the additives used in swimming pools	B min	A
	resistance to diluted acid & alkali solutions	indicated by producer	LA
	resistance to highly concentrated acid & alkali solutions	testing method available	HA
 <b>FIRE RESISTANCE</b>		decision 96/603/CE	class A1
 <b>STAIN RESISTANCE</b> <small>ISO 10545-14</small>	EN ISO 10545-14	class 3 min.	3 min.
 <b>LEAD &amp; CADMIUM DISCHARGE</b> <small>ISO 10545-15</small>	EN ISO 10545-15	testing method available	on request
 <b>RESISTANCE OF COLOURS TO SUNLIGHT</b> <small>DIN 51094</small>	DIN 51094	not envisaged	guaranteed

 <b>ASSESSMENT OF SLIP RESISTANCE</b>	standard	nominal shape	classification group
	DIN 51130	125 x 125 mm	R10
		125 x 375 mm	R10
		250 x 250 mm	R10
	DIN 51097	125 x 125 mm	B
		125 x 375 mm	B
		250 x 250 mm	B

Unglazed ceramic tiles, dry pressed with low water absorption.  
 E ≤ 0,5% - gruppo B I a - M - UGL - EN 14411 appendice G

ASTM: PASTELLI



PORCELAIN STONEWARE


physical properties	standard	requirements	results
 <p>WATER ABSORPTION</p> <p>ASTM C373</p>	ASTM C373	$w_a \leq 0.5\%$	< 0.5% class P1
 <p>BREAKING STRENGTH IN lbf</p> <p>ASTM C648</p>	ASTM C648	$\geq 250$ lbf	$\geq 250$ lbf
 <p>THERMAL SHOCK RESISTANCE</p> <p>ASTM C484</p>	ASTM C484	testing method available	guaranteed
 <p>CRAZING RESISTANCE</p> <p>ASTM C424</p>	ASTM C242	required	guaranteed
 <p>FROST RESISTANCE</p> <p>ASTM C1026</p>	ASTM C1026	required	guaranteed



ASTM: PASTELLI

PORCELAIN STONEWARE

chemical properties	standard	requirements	results
 CHEMICAL RESISTANCE <small>ASTM C650</small>	ASTM C650	indicated by producer	guaranteed
 STAIN RESISTANCE <small>ASTM C1378</small>	ASTM C1378	required	guaranteed

 ASSESSMENT OF SLIP RESISTANCE	test method	PST test	requisites	results
	ANSI A137.1	12 x 12 mm (DCOF)	DCOF > 0.42	0.6
		25 x 25 mm (DCOF)	DCOF > 0.42	0.67
		12 x 37.5 mm (DCOF)	DCOF > 0.42	0.78

### ANTIBACTERIAL TEST (calculation of antibacterial activity expresses as a percentage)

chemical properties	standard	reduction%
 ANTIBACTERIAL PERFORMANCE <small>ANTIBACTERIAL</small>	ISO 22196:2011	97.90%
	ASTM E3031-2015	99.98%

