

STONEGRES

SETA

Captivating plays of light, hues and surfaces are explored in this collection. With a stunning range of colour choices you can create your dreams.

The Seta single-press firing collection is suited to all tiling uses in residential, commercial and wellbeing settings.





OCEANO

CARBONE

OLIVA





PRUGNA

MELANZANA





AVORIO

MARSALA

PRIMAVERA



MENTA

MENTA





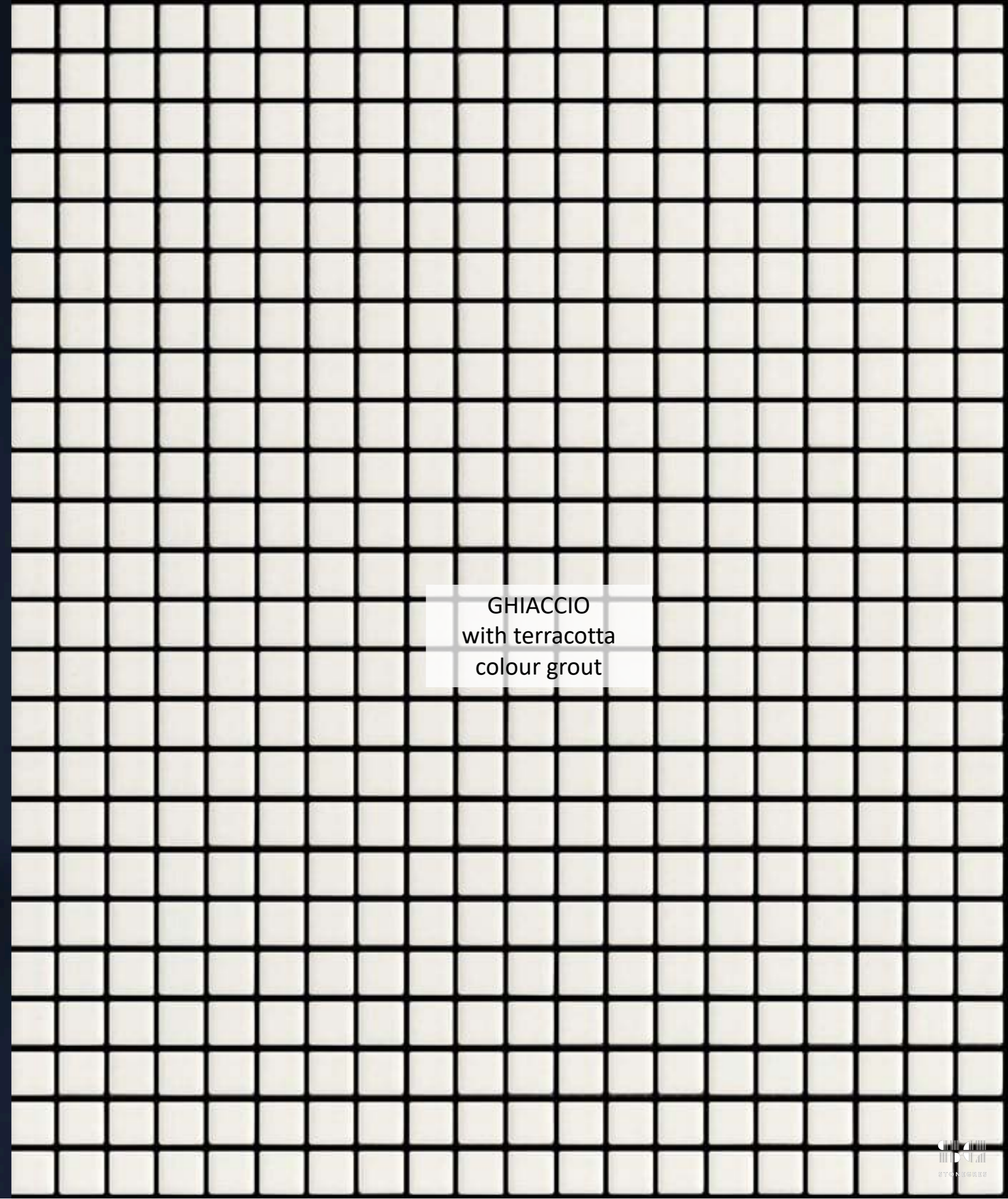
GHIACCIO

FUMO





GHIACCIO
with terracotta
colour grout



GHIACCIO



CEMENTO



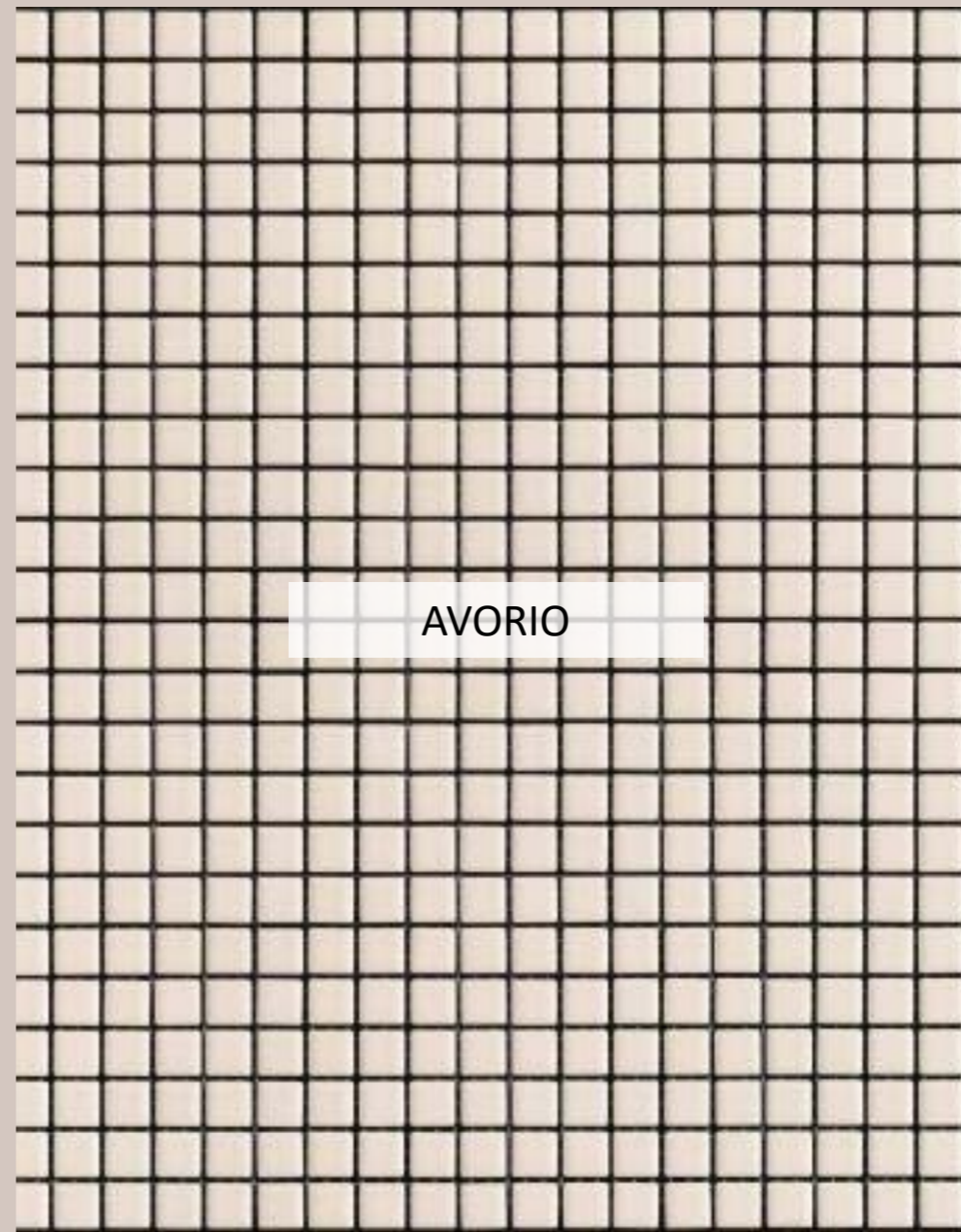
GHIACCIO

CACAO

NUVOLA

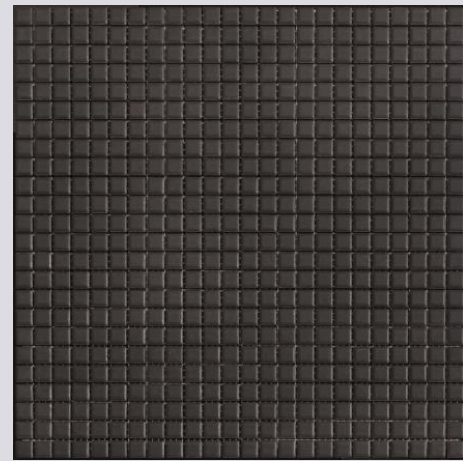


CARBONE
&
AVORIO

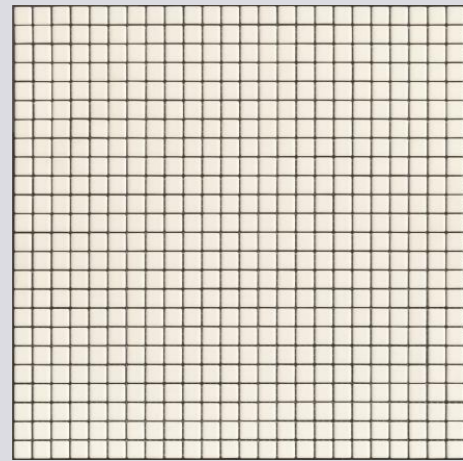


COLOURS

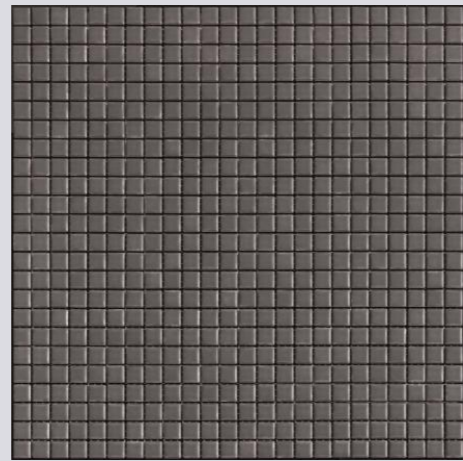
MOSAIC SIZE 12X12 MM



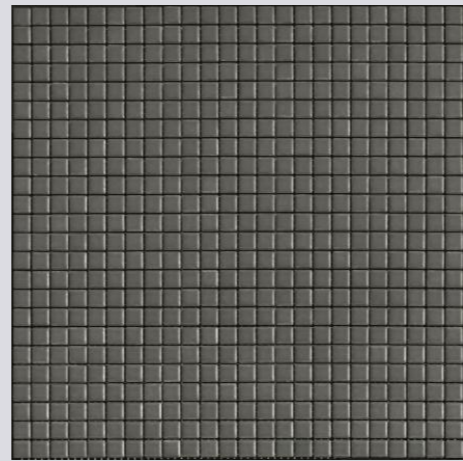
carbone
SET 4004



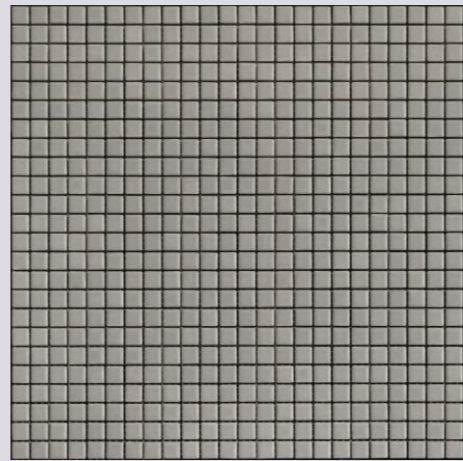
ghiaccio
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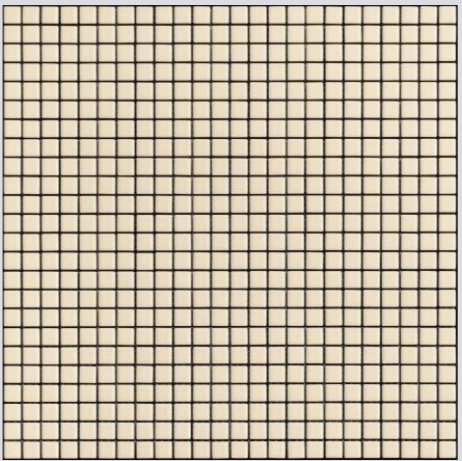
fumo
SET 4003



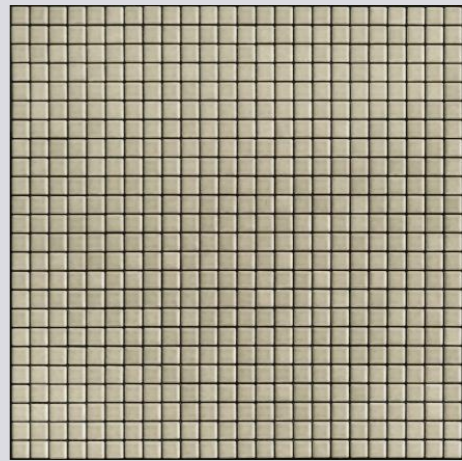
mirto
SET 4009



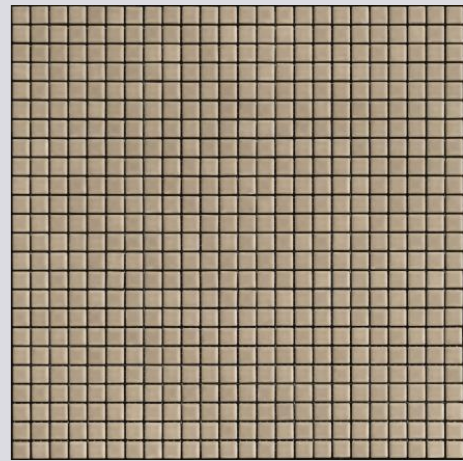
cemento
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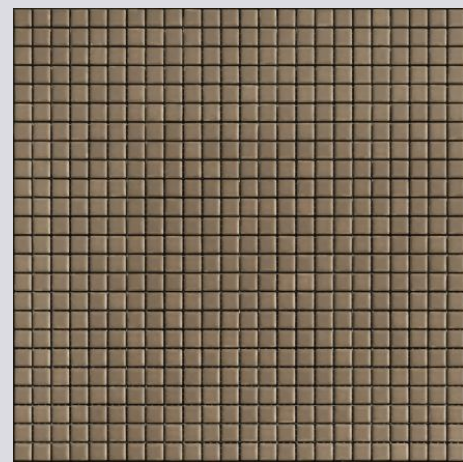
avorio
SET 4021



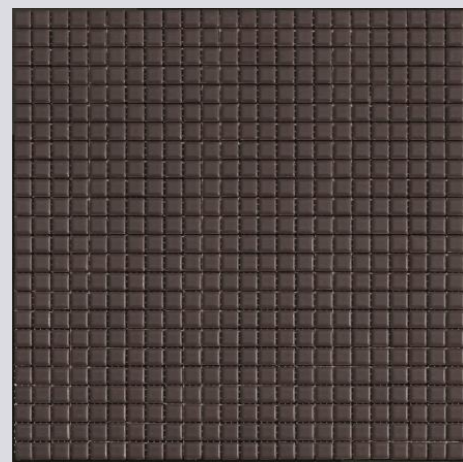
nuvola
SET 4002



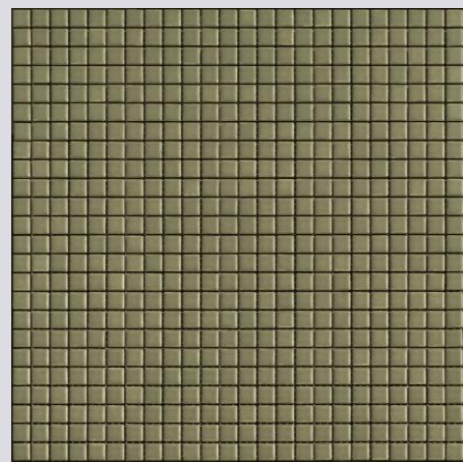
corda
SET 4022



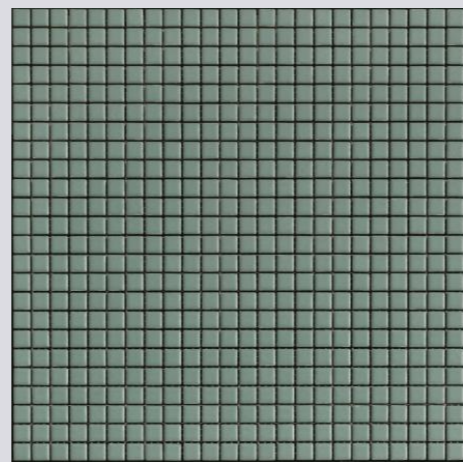
bruno
SET 4023



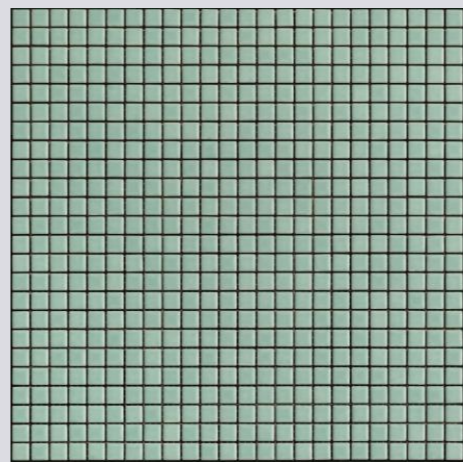
cacao
SET 4005



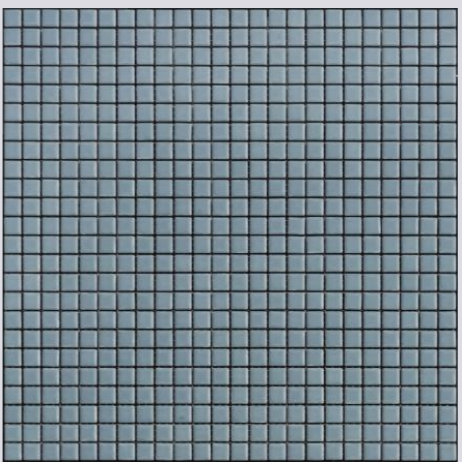
oliva
SET 4010



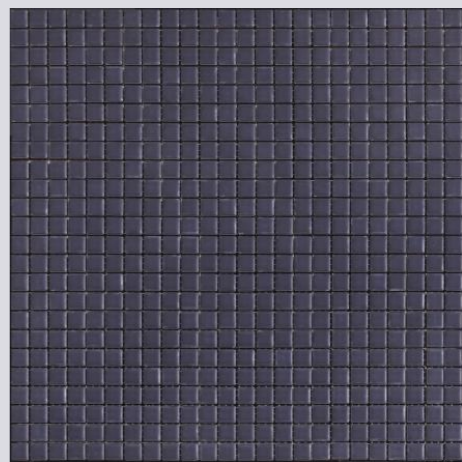
menta
SET 4024



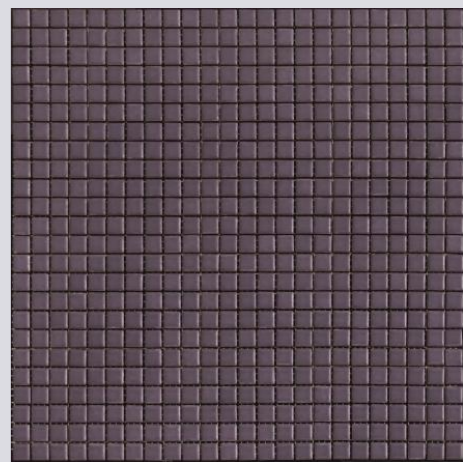
cielo
SET 4025



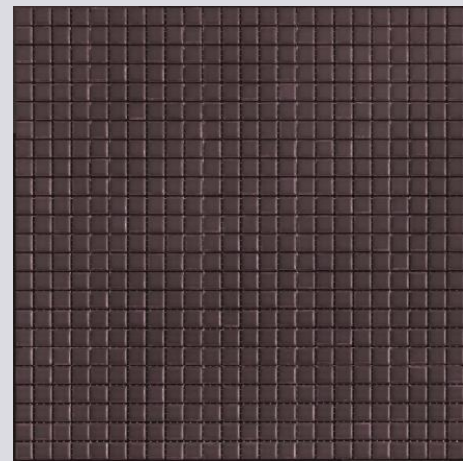
carta da zucchero
SET 4026



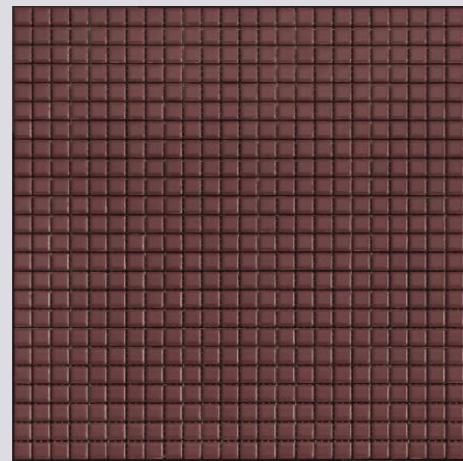
oceano
SET 4008



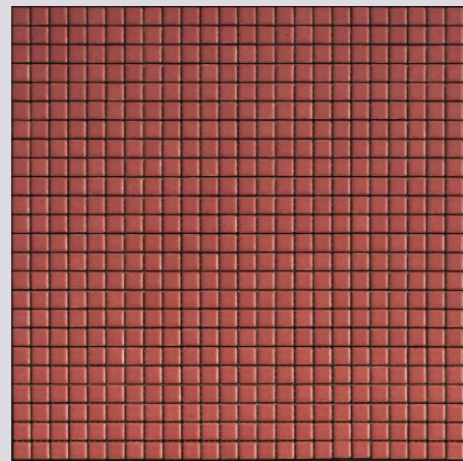
prugna
SET 4007



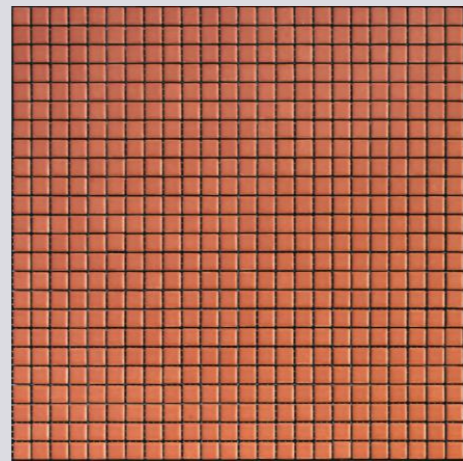
melanzana
SET 4006



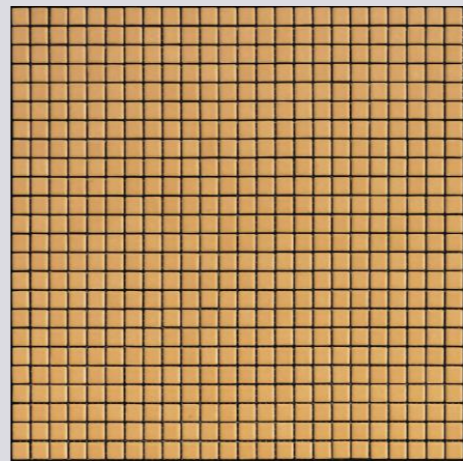
marsala
SET 4027



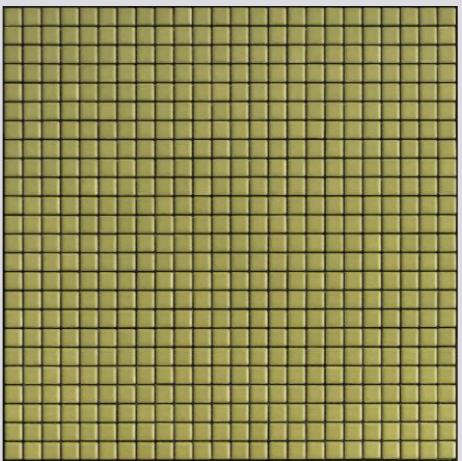
fuoco
SET 4014



aragosta
SET 4013



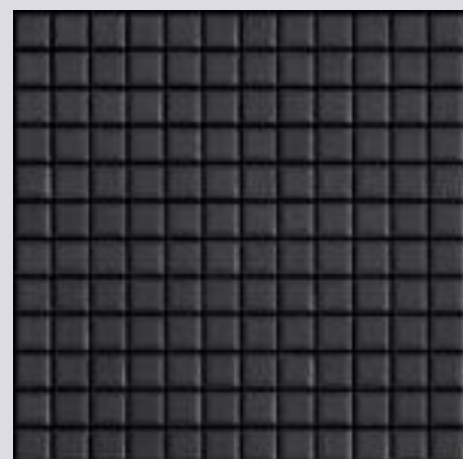
giallarancio
SET 4012



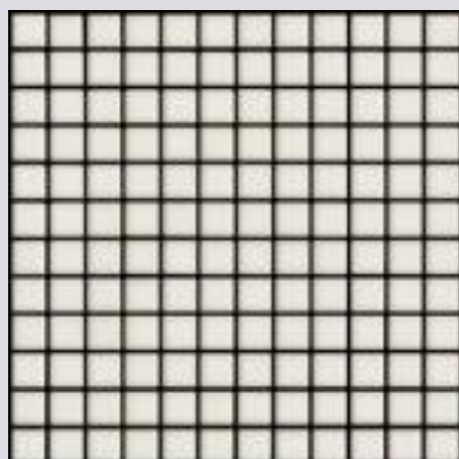
primavera
SET 4021

COLOURS

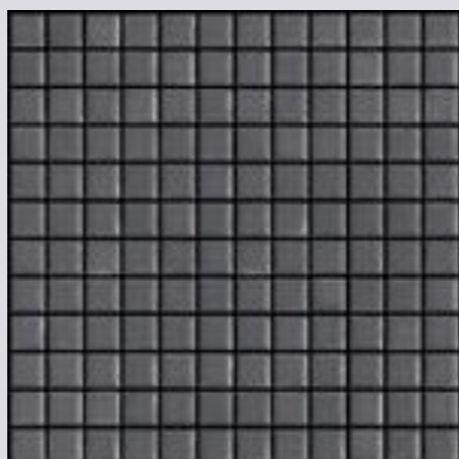
MOSAIC SIZE 25X25 MM



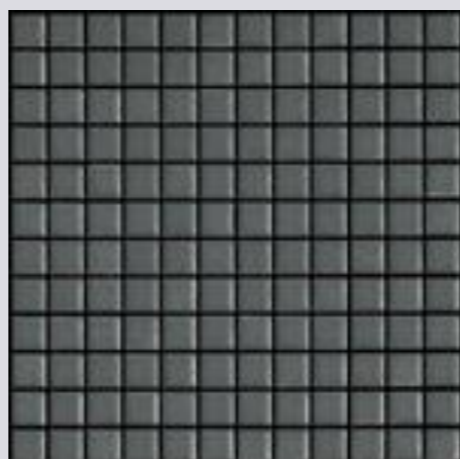
carbone
SET 7004



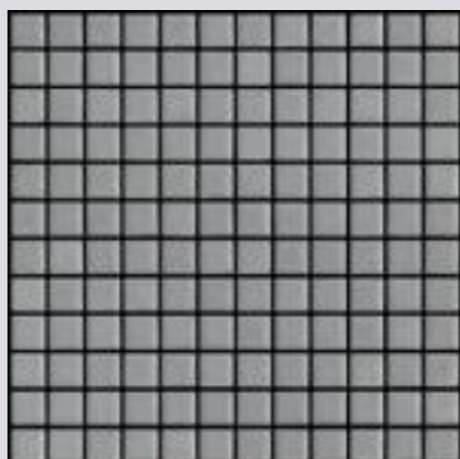
ghiaccio
SET 7001



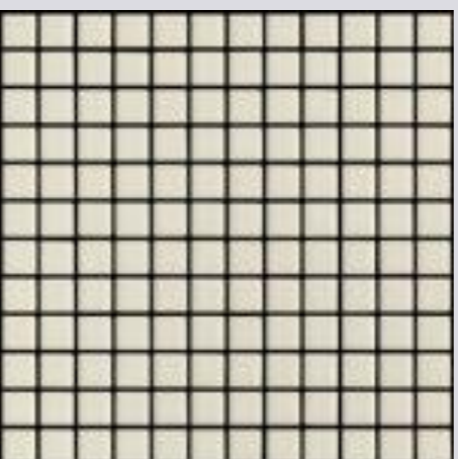
fumo
SET 7003



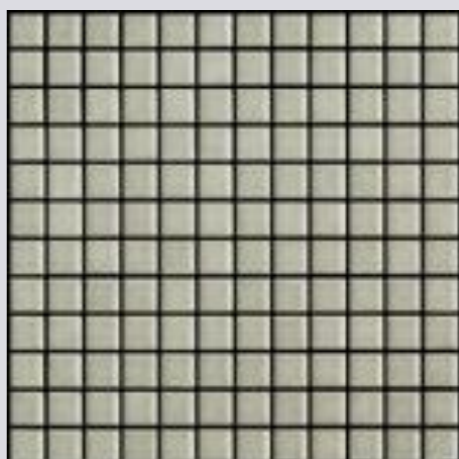
mirto
SET 7009



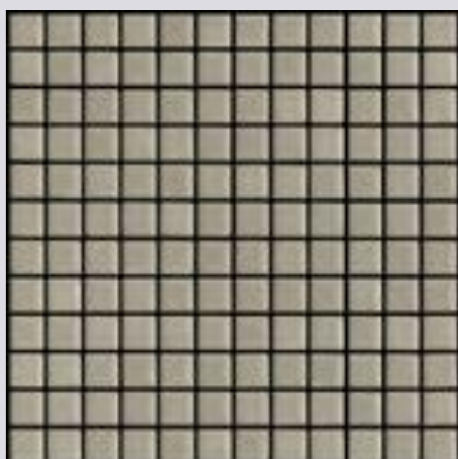
cemento
SET 7020



avorio
SET 7021



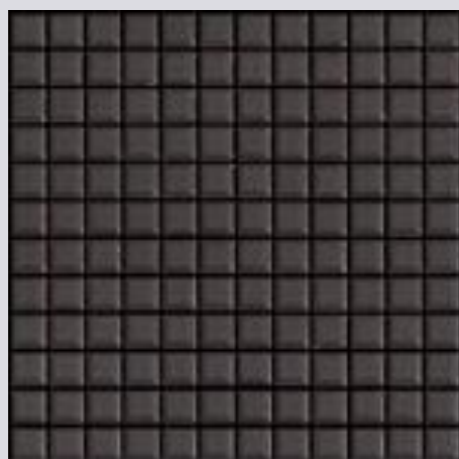
nuvola
SET 7002



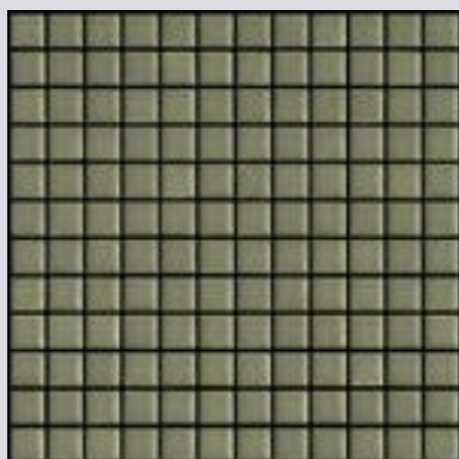
corda
SET 7022



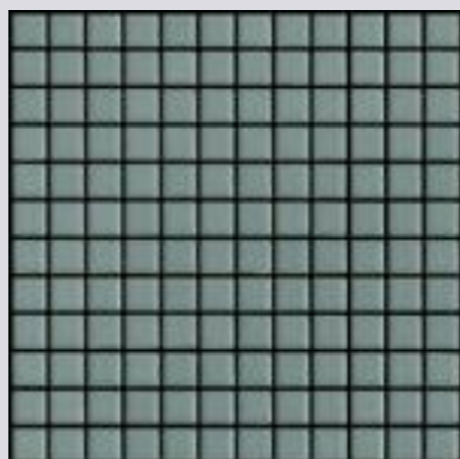
bruno
SET 7023



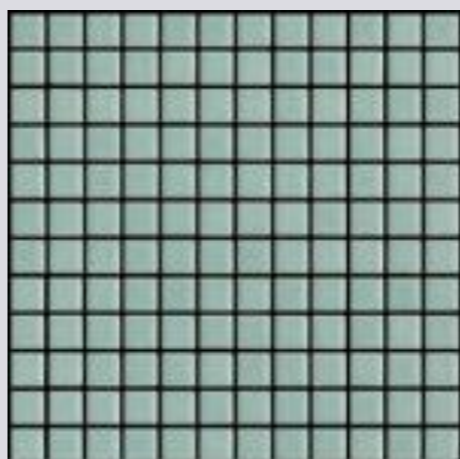
cacao
SET 7005



oliva
SET 7010



menta
SET 7024



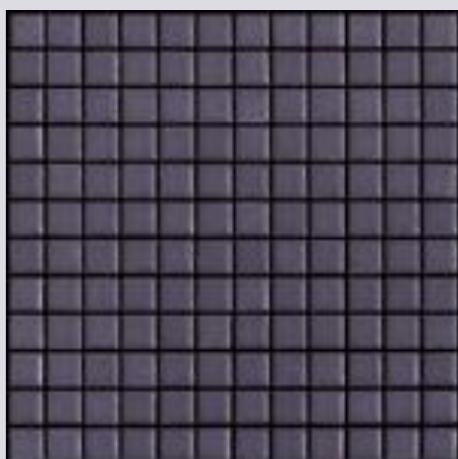
cielo
SET 7025



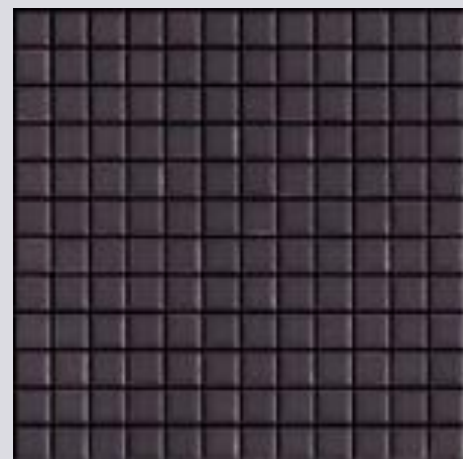
carta da zucchero
SET 7026



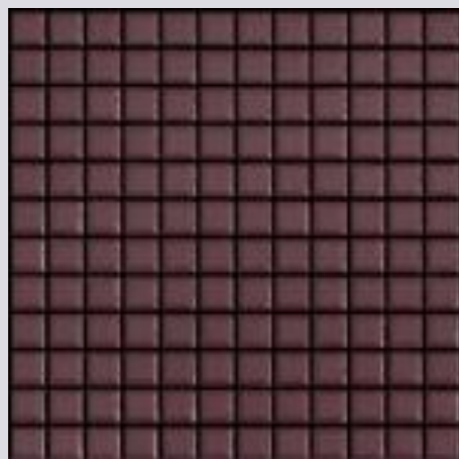
oceano
SET 7008



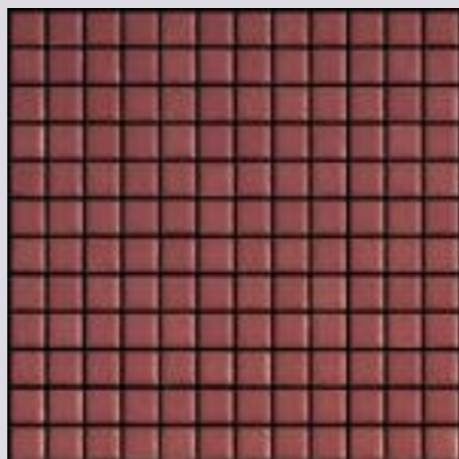
prugna
SET 7007



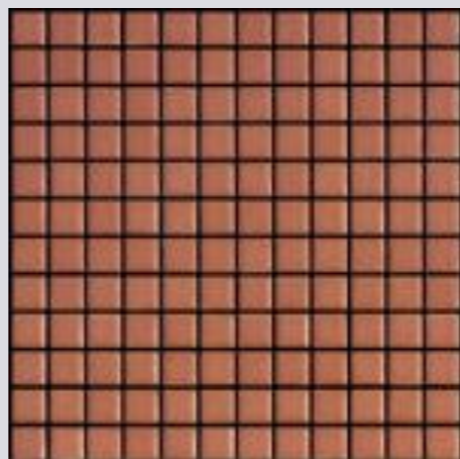
melanzana
SET 7006



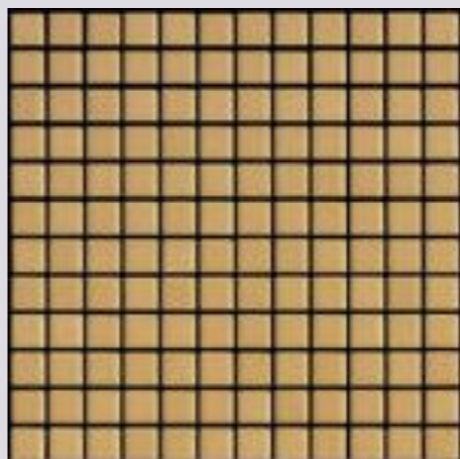
marsala
SET 7027



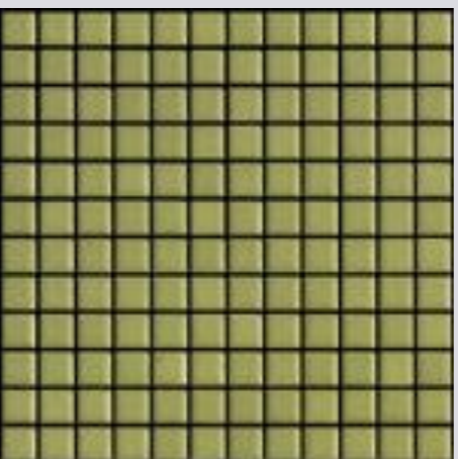
fuoco
SET 7014



aragosta
SET 7013



giallarancio
SET 7012



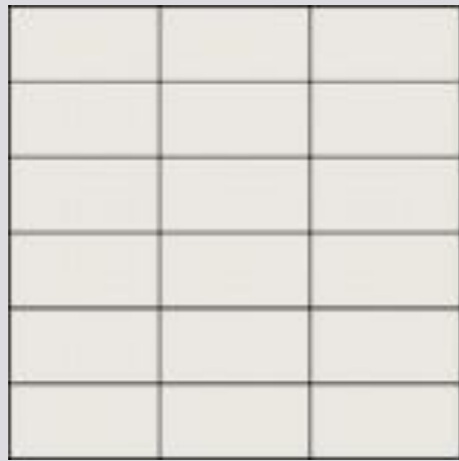
primavera
SET 70211

COLOURS

MOSAIC SIZE 50x100 MM



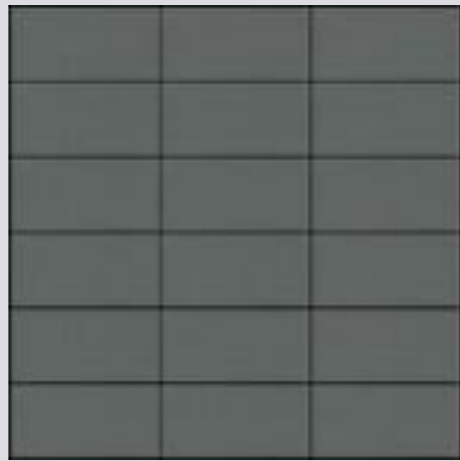
carbone
SET 2004



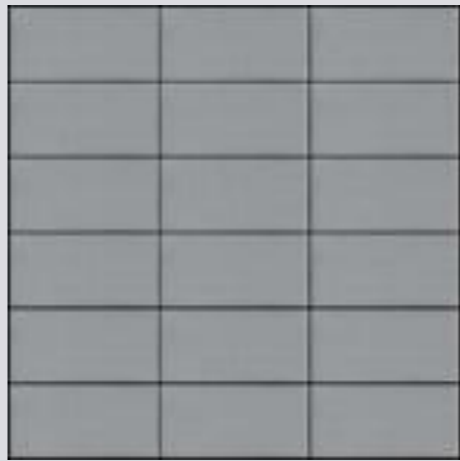
ghiaccio
SET 2001



fumo
SET 2003



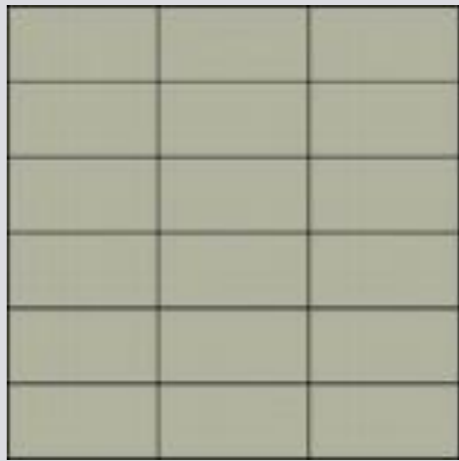
mirto
SET 2009



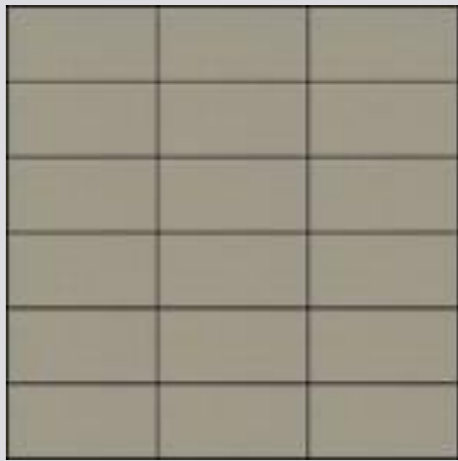
cemento
SET 2220



avorio
SET 2021



nuvola
SET 2002



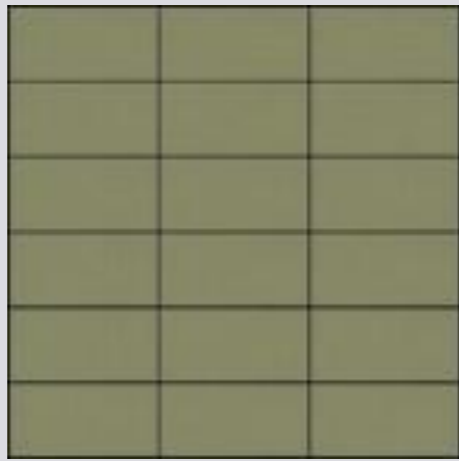
corda
SET 2022



bruno
SET 2023



cacao
SET 2005



oliva
SET 2010



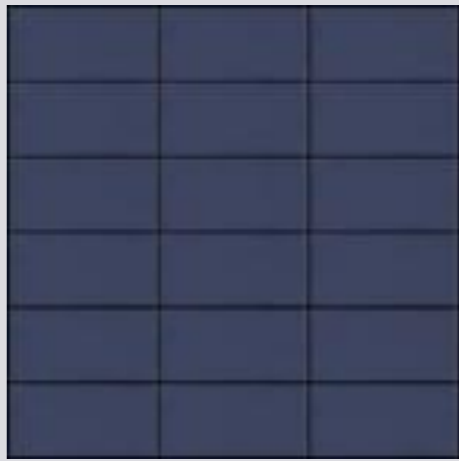
menta
SET 2024



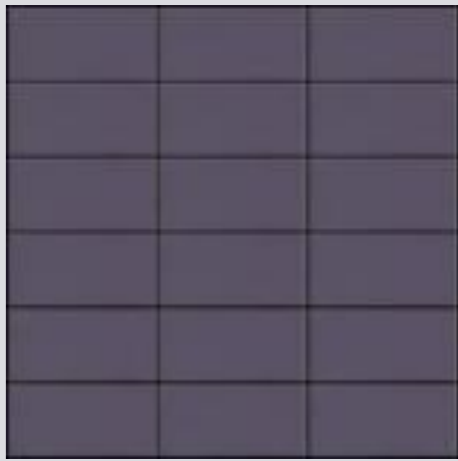
cielo
SET 2025



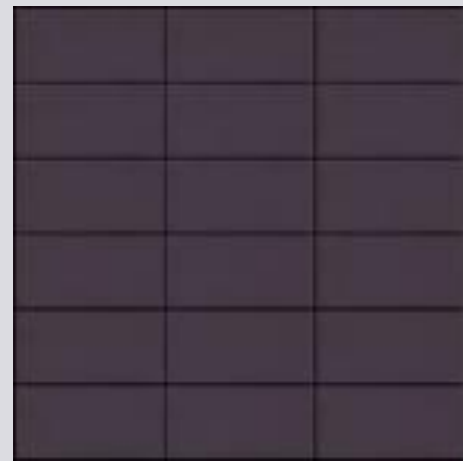
carta da zucchero
SET 2026



oceano
SET 2008



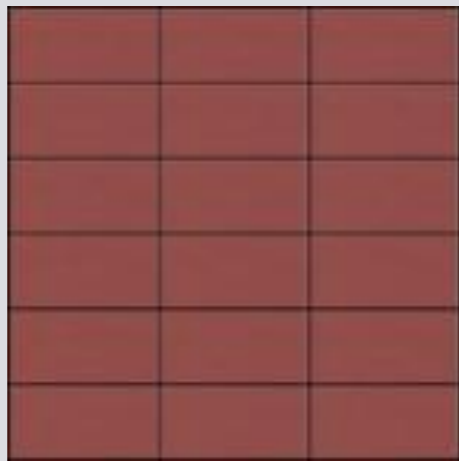
prugna
SET 2007



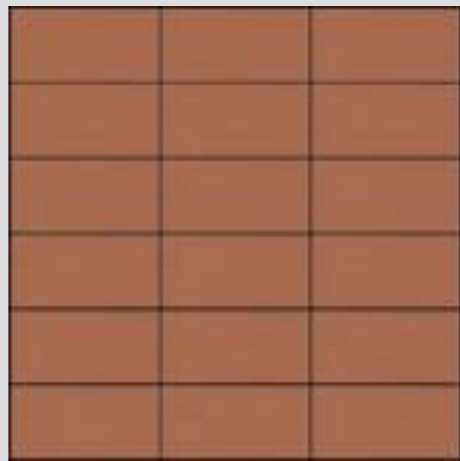
melanzana
SET 2006



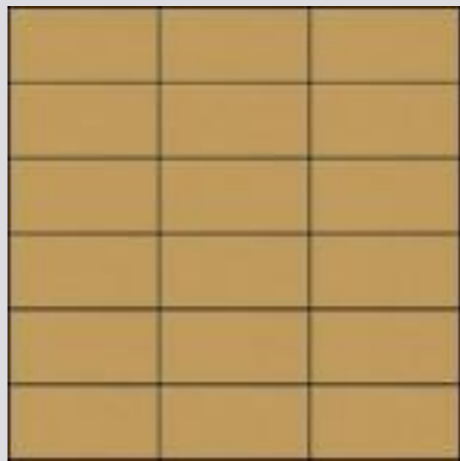
marsala
SET 2027



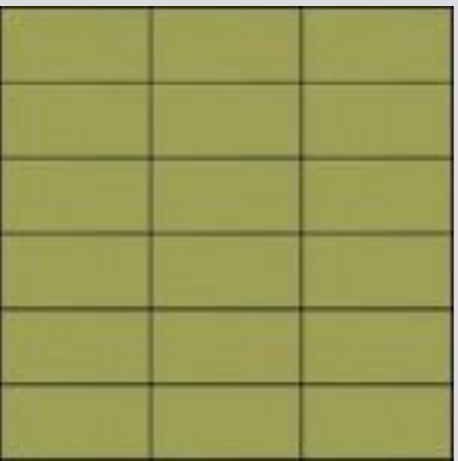
fuoco
SET 2014



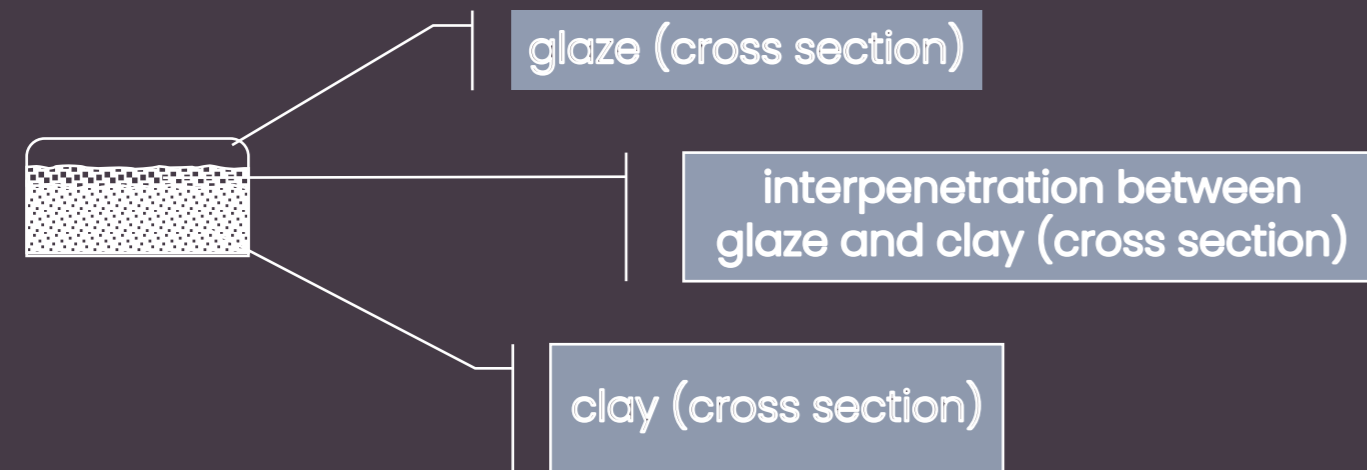
aragosta
SET 2013



giallarancio
SET 2012



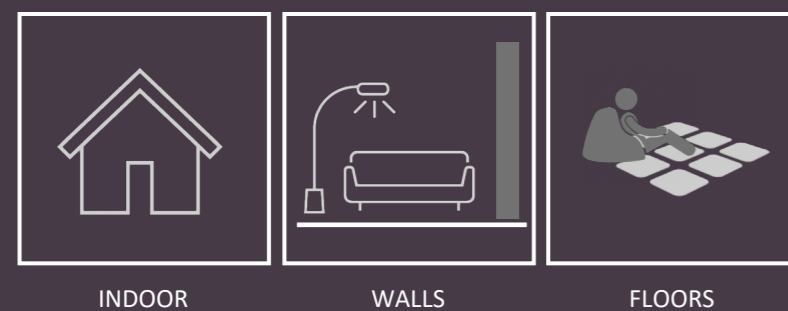
primavera
SET 2021

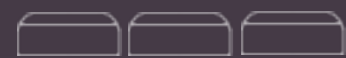
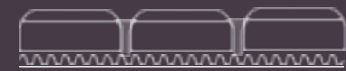


The mosaics are supplied mesh mounted with a 1.6 mm joint on fiberglass mesh sheets sized 300x300 mm, except for mosaic size 12x12 mm which is supplied mesh mounted with a 1.1 mm joint.

The mosaics are 7.2 mm thick. The flatness of the ceramic mosaic tiles and the slight rounding of the edges makes the product smooth and pleasant to touch, also facilitating hygiene maintenance.

application





CERAMIC MOSAICS GRIP

Maximum contact surface for gluing -
 Glue can be spread all over the tile - Glue adheres completely, forming a single body with the stoneware surface - Will not come away over time

JOINT FILLING

Fills the whole joint and glue adheres perfectly, because the spaces are even and wide enough - Filler is compact, guaranteeing the hold of the tesserae in water and ensuring they do not come away

SIDES AND THICKNESS

Perpendicular sides and slightly rounded glazed surface - Maximum mechanical hold thanks to the "spike" effect of the filler - Excellent resistance to lateral thrust

WARPAGE

Even surface - Pleasant to the touch

TRANSPARENCY

Totally opaque glaze - Colour remains stable over time

CLEANING AND HYGIENE

Even surface - Glaze does not retain dirt - Total hygiene - Easy to clean



GLASS MOSAICS GRIP

Limited contact surface for gluing - Adheres with difficulty due to vinyl glue residue on the back of the tesserae -
 glassy surface repels the adhesive - Risk of the tesserae coming away over time

JOINT FILLING

Difficult to fill the whole joint because of the small, uneven spaces - Filler tends to partially erode if submerged in water where algae form; possibility of the tesserae coming away

SIDES AND THICKNESS

Slanted sides with the joint thrusting outwards - Minimum lateral hold of the joint - Considerable reduction in mechanical hold

WARPAGE

Uneven surface - Unpleasant to the touch

TRANSPARENCY

Loss of brightness - Change in colour

CLEANING AND HYGIENE

Uneven surface - Dirt takes hold - Minimum hygiene - Difficult to clean

	NORM		12 x 12 mm	25 x 25 mm	50 x 100 mm
	DIN51130	DIN51097			
SET01	R9	A		SET7001	SET2001
	R9	A+B	SET4001		
SET02	R9	A		SET7002	SET2002
	R9	A+B	SET4002		
SET03	R9	A		SET7003	SET2003
	R9	A+B	SET4003		
SET04	R9	A		SET7004	SET2004
	R9	A+B	SET4004		
SET05	R9	A		SET7005	SET2005
	R9	A+B	SET4005		
SET06	R9	A		SET7006	SET2006
	R9	A+B	SET4006		
SET07	R9	A		SET7007	SET2007
	R9	A+B	SET4007		
SET08	R9	A		SET7008	SET2008
	R9	A+B	SET4008		
SET09	R9	A		SET7009	SET2009
	R9	A+B	SET4009		
SET10	R9	A		SET7010	SET2010
	R9	A+B	SET4010		
SET11	R9	A		SET7011	SET2011
	R9	A+B	SET4011		
SET12	R9	A		SET7012	SET2012
	R9	A+B	SET4012		

	NORM		12 x 12 mm	25 x 25 mm	50 x 100 mm
	DIN51130	DIN51097			
SET13	R9	A		SET7013	SET2013
	R9	A+B	SET4013		
SET14	R9	A		SET7014	SET2014
	R9	A+B	SET4014		
SET20	R9	A		SET7020	SET2020
	R9	A+B	SET4020		
SET21	R9	A		SET7021	SET2021
	R9	A+B	SET4021		
SET22	R9	A		SET7022	SET2022
	R9	A+B	SET4022		
SET23	R9	A		SET7023	SET2023
	R9	A+B	SET4023		
SET24	R9	A		SET7024	SET2024
	R9	A+B	SET4024		
SET25	R9	A		SET7025	SET2025
	R9	A+B	SET4025		
SET26	R9	A		SET7026	SET2026
	R9	A+B	SET4026		
SET27	R9	A		SET7027	SET2027
	R9	A+B	SET4027		

BOND STRENGTH TESTING

this method covers the determination of the ability of mosaic to be bonded to paste under controlled conditions

Tests are carried out according to approved standards

ASTM C 482-02 (R2009)

material tested	bond strength of ceramic tile
ceramic mosaic 12x12 mm with back-mounted fiberglass mesh	6.9
ceramic mosaic 25x25 mm with back-mounted fiberglass mesh	2.8

NOTE

higher is the indicated value, better is the bond strength

UNDERFLOOR HEATING

mosaics are suitable for laying on underfloor heating systems, complying with the following requirements:-


- o reduced thickness in single-press firing (7.2mm)
- o good thermal conductivity of ceramic material
- o minimum amount of glue required for laying
- o use of cement-based grouts for filling




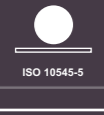




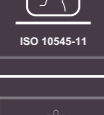

following these requirements will ensure the effective technical performance of the system, ensuring the optimal passage of heat and maintaining an ideal temperature in the room, whilst making the floor comfortable to the touch.

ISO: SETA

Single press-firing

glazed ceramic tiles, dry pressed with low water absorption
 0.5% < E ≤ 3% - group B I b - M - GL - EN 14411 appendix H

		standard	tolerances	results
 SURFACE DIMENSIONS & QUALITIES	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%


physical properties	standard	requirements	results
 WATER ABSORPTION ISO 10545-3	ISO 10545-3	0.5% < E ≤ 3% appendix H	≤ 1%
 BREAKING STRENGTH IN N ISO 10545-4	ISO 10545-4	700 min. appendix H	> 1800
 FLEX RESISTANCE ISO 10545-4	ISO 10545-4	30 min. appendix H	> 50 N/mm ²
 IMPACT RESISTANCE ISO 10545-5	ISO 10545-5	testing method available	> 0.6 (appendix P)
 ABRASION RESISTANCE ISO 10545-7	ISO 10545-7	indicated by producer	see colours notes
 COEFFICIENT OF THERMAL LINEAR EXPANSION ISO 10545-8	ISO 10545-8	testing method available	< 7·10 ⁻⁶ /°C
 THERMAL SHOCK RESISTANCE ISO 10545-9	ISO 10545-9	testing method available	guaranteed
 MOISTURE EXPANSION ISO 10545-10	ISO 10545-10	testing method available	< 0.04%
 CRAZING RESISTANCE ISO 10545-11	ISO 10545-11	required	guaranteed
 FROST RESISTANCE ISO 10545/12	ISO 10545-11	required	guaranteed

ISO: SETA


Single press-firing

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

CLASSIFICATION

 ASSESSMENT OF SLIP RESISTANCE	standard	requisites	classification group
	DIN 51130 (feet with shoes on)	6° ÷ 10°	R9
		10° ÷ 19°	R10
		19° ÷ 27°	R11
		27° ÷ 35°	R12
		> 35°	R13
	DIN 51097 (feet with shoes on)	< 12°	0
		≥ 12°	A
		≥ 18°	B
≥ 24°		C	

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 ASSESSMENT OF SLIP RESISTANCE	standard	nominal shape	requisites	results
	ANSI A137.1 (DCOF)	25x25 mm	> 0.42	0.6
	ANSI A137.1 (DCOF)	12x12 mm	> 0.42	0.52

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