

MERLIN
TEKNICA HOMOGENEOUS BODY

600X1200

A TRIBUTE TO THE NATURAL
CONCRETE EFFECTO

Effecto Series

www.oasistiles.in



EFFETTO/
TEKNICA HOMOGENEOUS BODY
2023

MERLIN
TEKNICA HOMOGENEOUS BODY


oasis[®]
Your Own Dream



A tribute to the natural
concrete EFFETTO



OASIS

Introducing rich and elegant series of color body porcelain tiles - MERLIN, crafted with an innovative perspective for spaces that seek sophistication.

The finely balanced shades, impeccable finish, and quality infused with subtle designs elevated the aura of your expanse seamlessly. It is tailor-made for spaces to reflect unmatched brilliance and luxury.

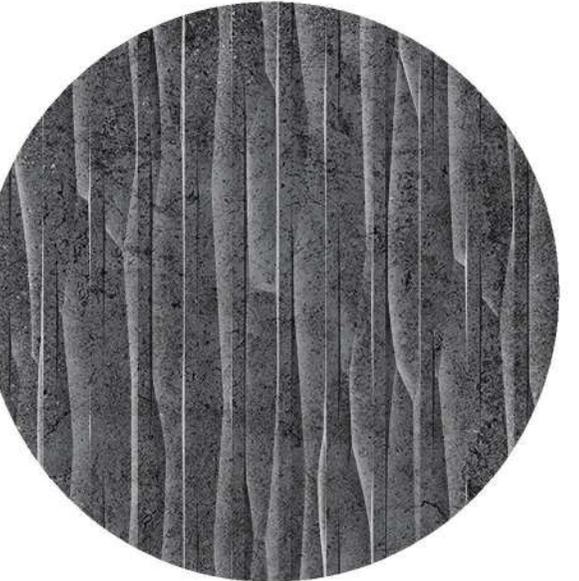
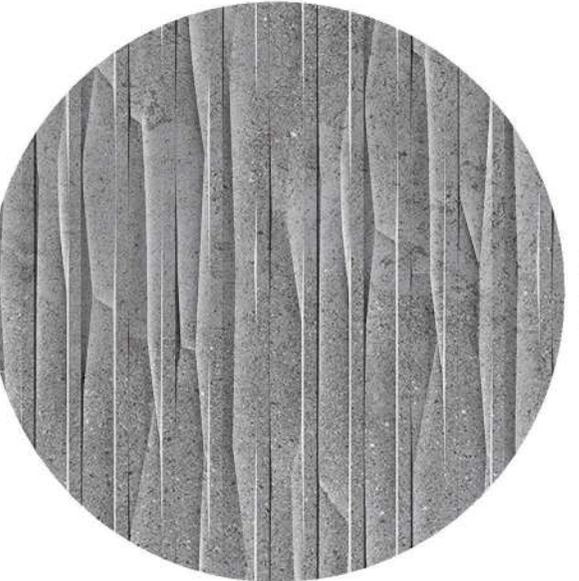
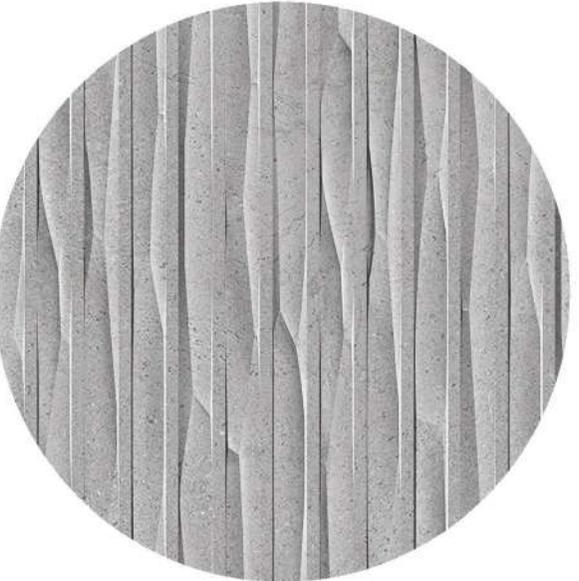
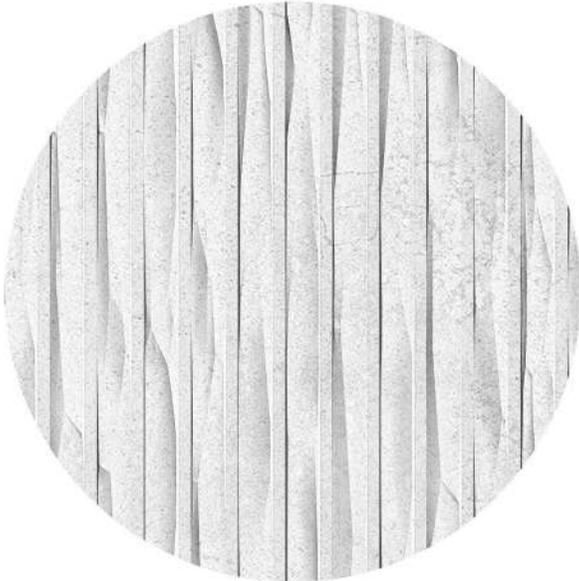
Discover the exceptional Merlin series by Oasis integrated with superior functionalities and discreet appeal



The Oasis tiles surfaces - MERLIN SERIES, are achieved exclusively with a mix of quality raw materials, and with no need for the intervention of digital decoration.

This production technology makes the surfaces truly unique, creating a perfect harmony between performance and contemporary aesthetic yield.

Furthermore, it offers floor cladding an exceptional stability and durability no matter where it is used, well beyond the limits of imagination.



— EFFETTO BY OASIS

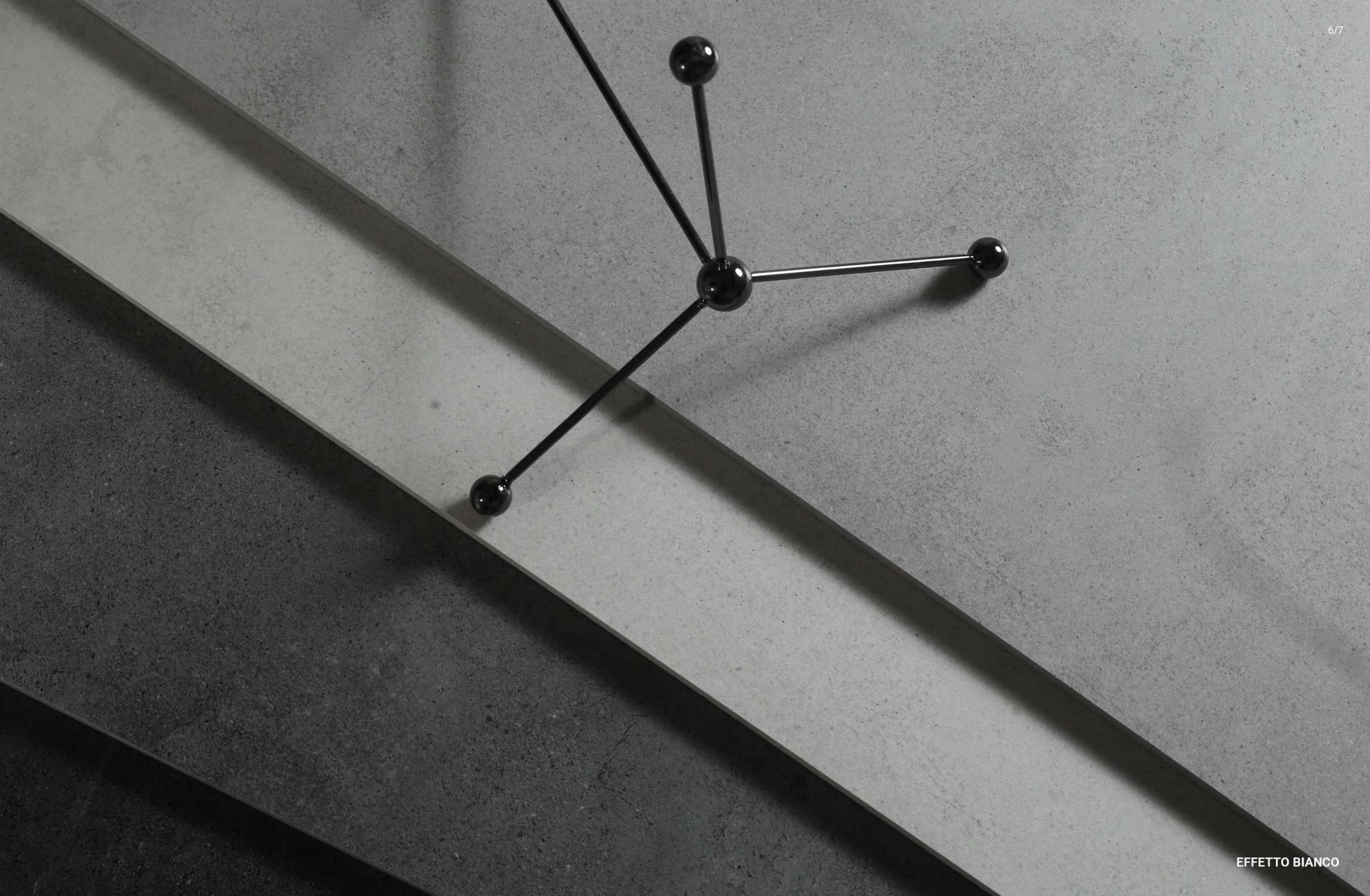
ARCHITECTURAL ELEGANCE



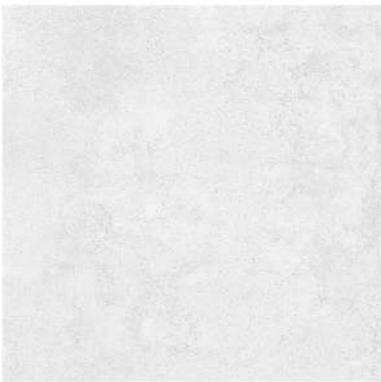
- **MANI MANDIR**
MORBI (GUJARAT)

MERLIN - TEKNICA HOMOGENEOUS BODY

Inspired by the natural concrete patterns of sandstone, Merlin series is a collection designed with an emphasis on versatility and creativity. The refined design, conceived and developed using a new production process to more accurately replicate natural stone, distinguishes a collection with infinite architectural potential. Merlin series features seven warm colours that can be mixed and matched to create a sophisticated and versatile colour range used to decorate rooms that combine a cosy atmosphere with a minimal, contemporary mood. The collection's expressive qualities are enriched by the numerous finishes on offer: natural, semi-polished and bush hammered and Mural, a three dimensional decor ideal for wall coverings, to create sophisticated combinations and light effect on surfaces. Merlin series combines versatility, design and functionality, making it the perfect collection to enhance residential locations or complex architectural projects, partly thanks to Shield, the innovative antimicrobial process available for the natural and Mural versions. Shield, thanks to its integrated antimicrobial technology, actively reduces up to 99.9% of bacterial growth on surfaces and ensures that rooms are fully protected and clean.



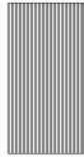
EFFETTO
Bianco



9MM



60x120
24"x48"



60x120
24"x48"



30x30
12"x12"





WALL
EFFETTO BIANCO
FLOOR
EFFETTO BIANCO

EFFETTO BIANCO



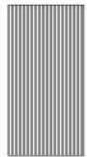
EFFETTO
Delight



✚ 9MM



60x120
24"x48"



60x120
24"x48"



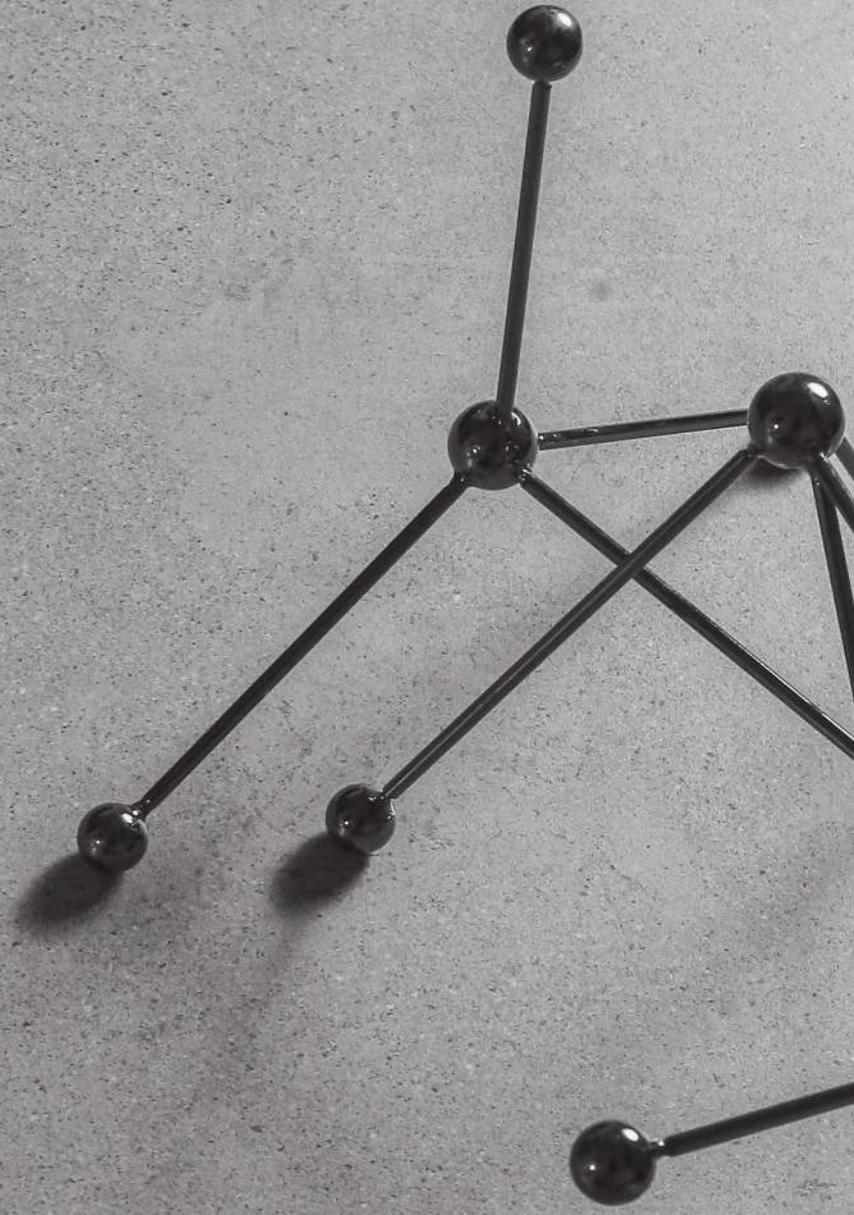
30x30
12"x12"



HOTEL
★★★★★

WALL
EFFETTO DELIGHT OCEAN WAVE PUNCH
FLOOR
EFFETTO DELIGHT

EFFETTO DELIGHT



EFFETTO
Grey



✚ 9MM



60x120
24"x48"



60x120
24"x48"



30x30
12"x12"



WALL
EFFETTO GREY OCEAN WAVE PUNCH
FLOOR
EFFETTO GREY

EFFETTO GREY





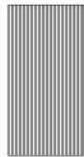
EFFETTO
Iron



✚ 9MM



60x120
24"x48"



60x120
24"x48"



30x30
12"x12"





WALL
EFFETTO IRON OCEAN WAVE PUNCH
FLOOR
EFFETTO IRON

EFFETTO IRON



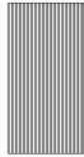
EFFETTO
Nero



✚ 9MM



60x120
24"x48"



60x120
24"x48"



30x30
12"x12"

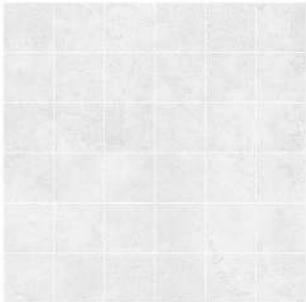
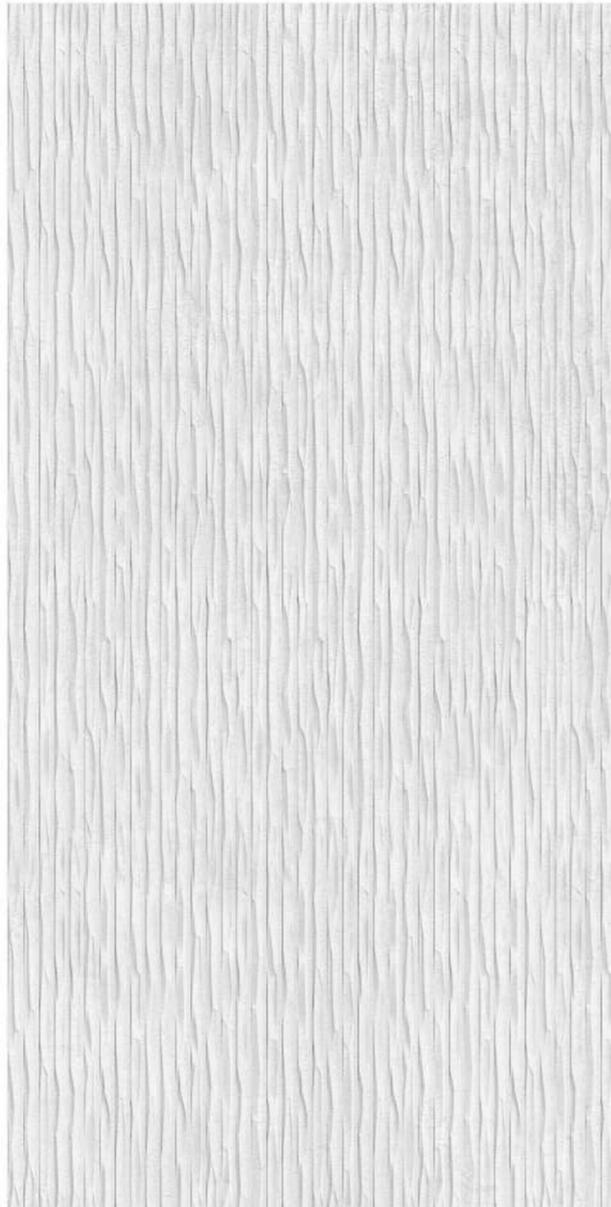
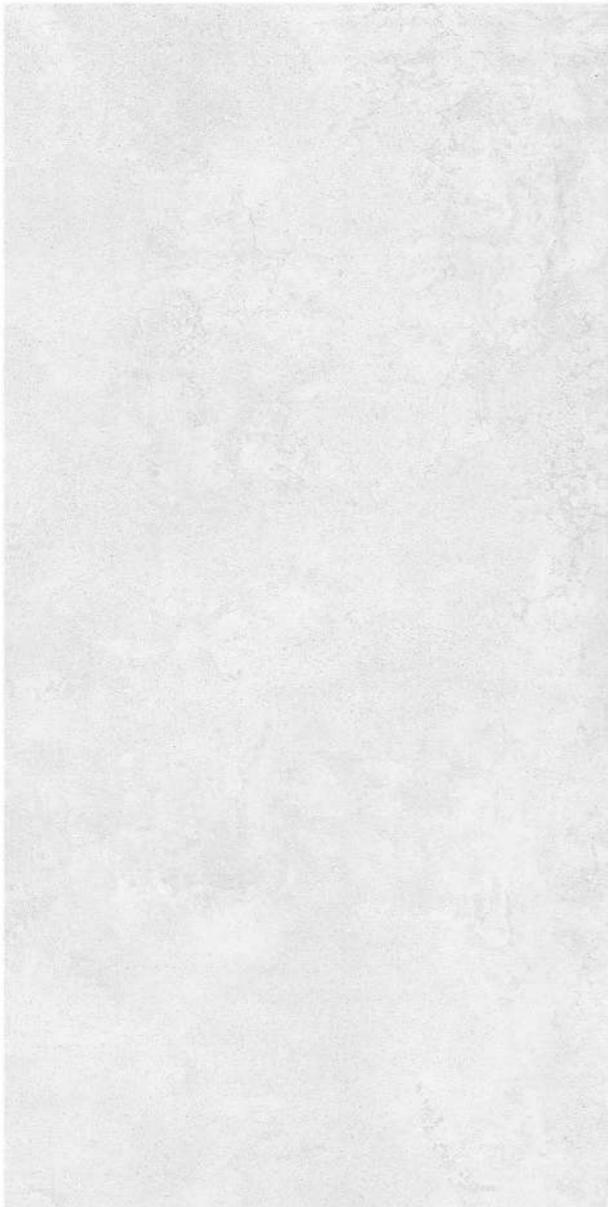




WALL
EFFETTO NERO / SHOWER - MOSAIC
FLOOR
EFFETTO NERO

EFFETTO NERO

EFFETTO
Bianco



60x120
24"x48"

EFFETTO 120EB RM



60x120
24"x48"

EFFETTO 120EB RM



30x30
12"x12"

MK.EFFETTO 30EB

EFFETTO
Delight



60x120
24"x48"

EFFETTO 120ED RM



60x120
24"x48"

EFFETTO 120ED RM



30x30
12"x12"

MK.EFFETTO 30ED

EFFETTO
Grey



60x120
24"x48"

EFFETTO 120EG RM



60x120
24"x48"

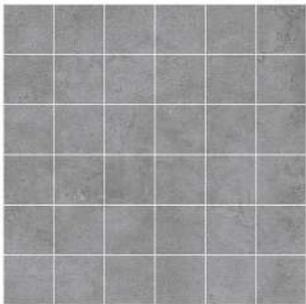
EFFETTO 120EG RM



30x30
12"x12"

MK.EFFETTO 30EG

EFFETTO
Iron



60x120
24"x48"

EFFETTO 120EI RM



60x120
24"x48"

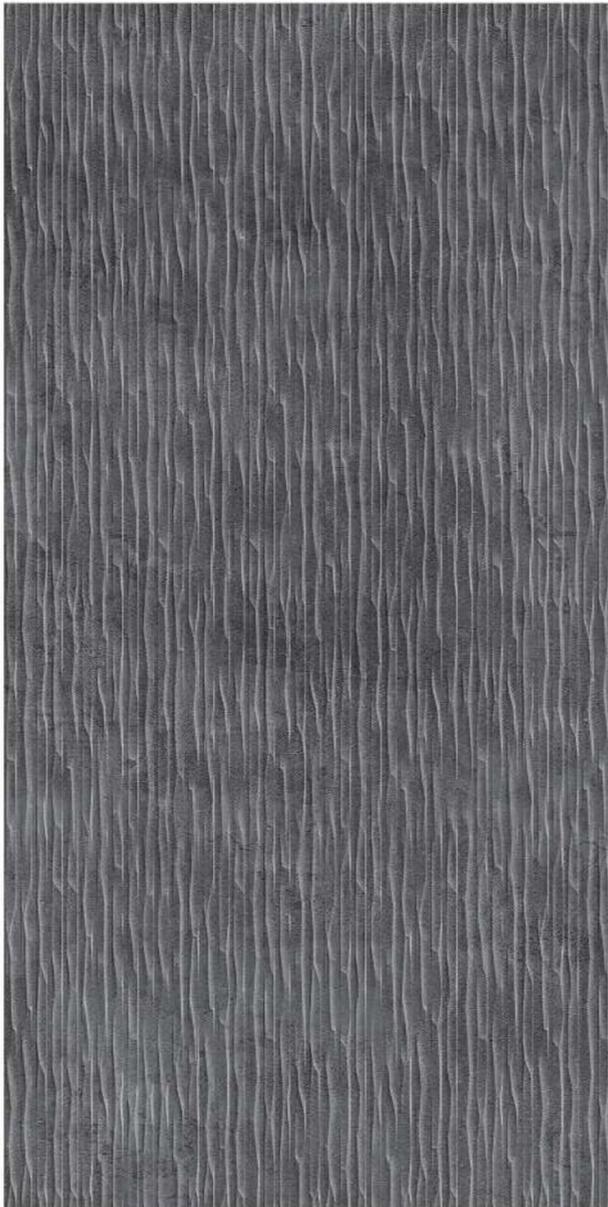
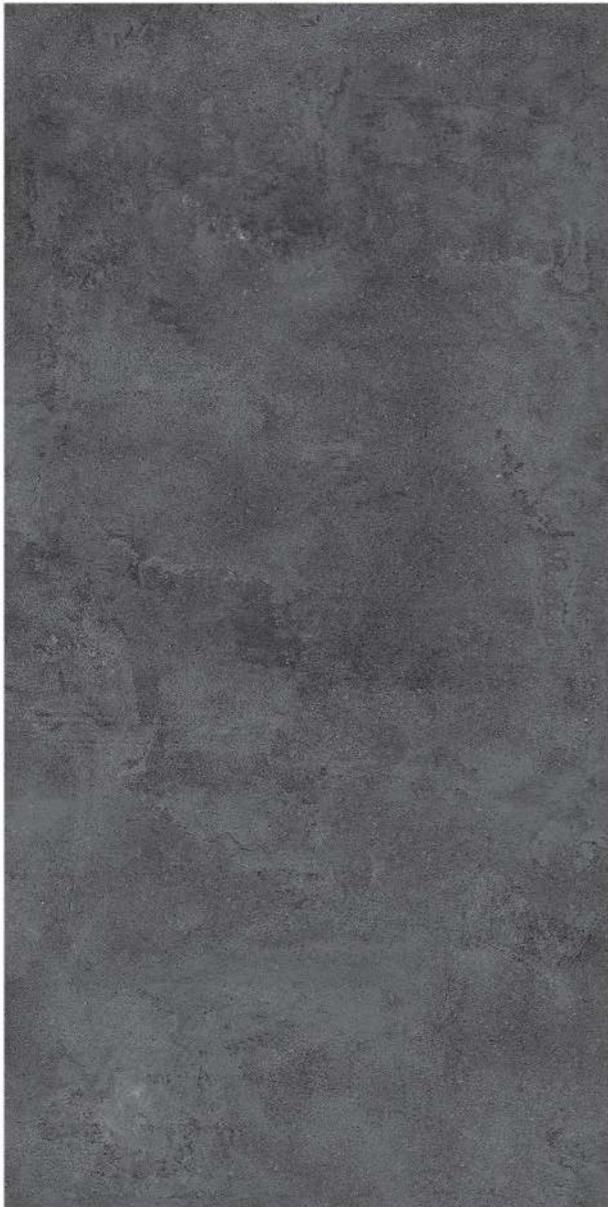
EFFETTO 120EI RM



30x30
12"x12"

MK.EFFETTO 30EI

EFFETTO
Nero



60x120
24"x48"

EFFETTO 120EN RM



60x120
24"x48"

EFFETTO 120EN RM



30x30
12"x12"

MK.EFFETTO 30EN

TECHNICAL SPECIFICATIONS PORCELAIN STONEWARE /

-  WALL & FLOOR / PORCELAIN TILES
-  WALL / WALL TILES
-  WALL & FLOOR / GLAZED TILES
-  UNGLAZED FULL BODY PORCELAIN
-  HAND PAINTING
-  THICKNESS
-  DECORATIONS SOLD PER SQM
-  NET GLUED PIECES
-  UNIFORM APPEARANCE
-  SLIGHT VARIATION
-  MODERATE VARIATION
-  STRONG VARIATION
-  RECTIFIED

-  MATTE
-  SHINE
-  MATTE/SHINE
-  SATIN
-  HONED
-  POLISHED
-  NATURAL (MATTE)
-  NATURAL (MATTE/SHINE)
-  NATURAL (SHINE)
-  SEMI-POLISHED (MATTE)
-  SEMI-POLISHED (MATTE/SHINE)
-  SEMI-POLISHED (SHINE)
-  ANTI-SLIP

Technical features	Test Method	Requirements for nominal size N /			Matte Matte ± 9 mm
		7 cm ≤ N < 15 cm	N ≥ 15 cm		
		MM	(%)	(mm)	
Length and width		± 0,9 (*) Non-rect. ± 0,4 (*) Rect.	± 0,6 (*) Non-rect. ± 0,3 (*) Rect.	± 2,0 (*) Non-rect. ± 1,0 (*) Rect.	Suitable for Conforme
Thickness		± 0,5 (**)	± 5 (**)	± 0,5 (**)	Suitable for Conforme
Straightness of sides	ISO 10545-2	± 0,8 (***) Non-rect. ± 0,4 (***) Rect.	± 0,5 (***) Non-rect. ± 0,3 (***) Rect.	± 1,5 (***) Non-rect. ± 0,8 (***) Rect.	Suitable for Conforme
Rectangularity (Measurement only on short edges when L/l ≥ 3)		± 0,8 (****) Non-rect. ± 0,4 (****) Rect.	± 0,5 (****) Non-rect. ± 0,3 (****) Rect.	± 2,0 (****) Non-rect. ± 1,5 (****) Rect.	Suitable for Conforme
Surface flatness	ISO 10545-2	c.c. ± 0,8 Non-rect. c.c. ± 0,6 Rect. e.c. ± 0,8 Non-rect. e.c. ± 0,6 Rect. w. ± 0,8 Non-rect. w. ± 0,6 Rect.	c.c. ± 0,5 Non-rect. c.c. ± 0,4 Rect. e.c. ± 0,5 Non-rect. e.c. ± 0,4 Rect. w. ± 0,5 Non-rect. w. ± 0,4 Rect.	c.c. ± 2,0 Non-rect. c.c. ± 1,8 Rect. e.c. ± 2,0 Non-rect. e.c. ± 1,8 Rect. w. ± 2,0 Non-rect. w. ± 1,8 Rect.	Suitable for Conforme
Water absorption (in% by mass)	ISO 10545-3 ASTM C373	E _v ≤ 0,5% Individual Maximum 0,6%			≤ 0,1 % Requirement ANSI A137.1-2017 Water absorption max ≤ 0,5% ≤ 0,5 %
Breaking strength	ISO 10545-4	S ≥ 700N (for thickness < 7,5 mm - per spessore < 7,5 mm) S ≥ 1300N (for thickness ≥ 7,5 mm - per spessore ≥ 7,5 mm)			S ≥ 1500 N
Modulus of rupture		R ≥ 35 N/mm ²			R ≥ 40 N/mm ²
Bending strength and breaking load	EN 1339 Annex F	-			-
Impact resistance, as coefficient of restitution	ISO 10545-5	Declared value			≥ 0,55
Mohs hardness	EN 101	-			6
Resistance to deep abrasion of unglazed tiles (removed volume)	ISO 10545-6	≤ 175 mm ³			≤ 150 mm ³
Coefficient of thermal linear expansion	ISO 10545-8	Declared value			≤ 7MK ⁻¹
Thermal shock resistance	ISO 10545-9	Pass according to EN ISO 10545-1			Resistant
Moisture expansion (in mm/m)	ISO 10545-10	Declared value			≤ 0,01% (0,1mm/m)
Frost resistance	ISO 10545-12	Pass according to EN ISO 10545-1			Resistant
Bond strength/adhesion for improved cementitious adhesives	EN 1348	Declared value			≥ 10 N/mm ² (Class C2 - EN 12004)
Reaction to fire	-	Class A1 or A1 _n			A1 - A1 _i
Resistance to household chemicals and swimming pool salts		Minimum Class B			A
Resistance to low concentrations of acids and alkalis	ISO 10545-13	Declared Class			LA
Resistance to high concentrations of acids and alkalis		Declared Class			HA
Resistance to staining, for unglazed tiles	ISO 10545-14	Declared Class			5
Shod Ramp Test	EN 16165 ANNEX B (EX DIN 51130)	Declared value			R9
Barefoot Ramp Test	EN 16165 ANNEX A (EX DIN 51097)	Declared value			A+B
Pendulum Friction Test	BS 7976	PTV ≥ 36 classifies the surface as "low slip risk"			≥ 36 Dry ≥ 36 Wet
	AS 4586	Declared Classification of the new pedestrian surface materials according to the Pendulum Test			Class P3
	UNE-ENV 12633	Declared value			Class C2
Coefficient of friction (COF)	B.C.R.A. Rep. CEC/81	D. M. 236/89 del 14/06/89 μ > 0,40 per elemento scivolante cuoio su pavimentazione asciutta μ > 0,40 per elemento scivolante gomma dura su pavimentazione bagnata			> 0,40 Asciutto > 0,40 Bagnato
Dynamic coefficient of friction (DCOF)	ANSI A 326.3	-			wet DCOF ≥ 0,50



A brand of -
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