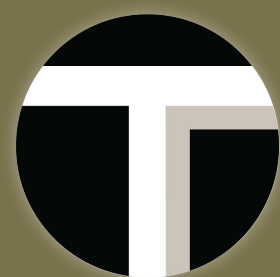




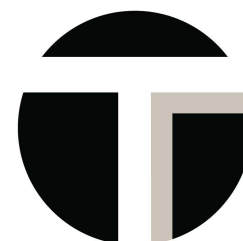
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LIVORNO

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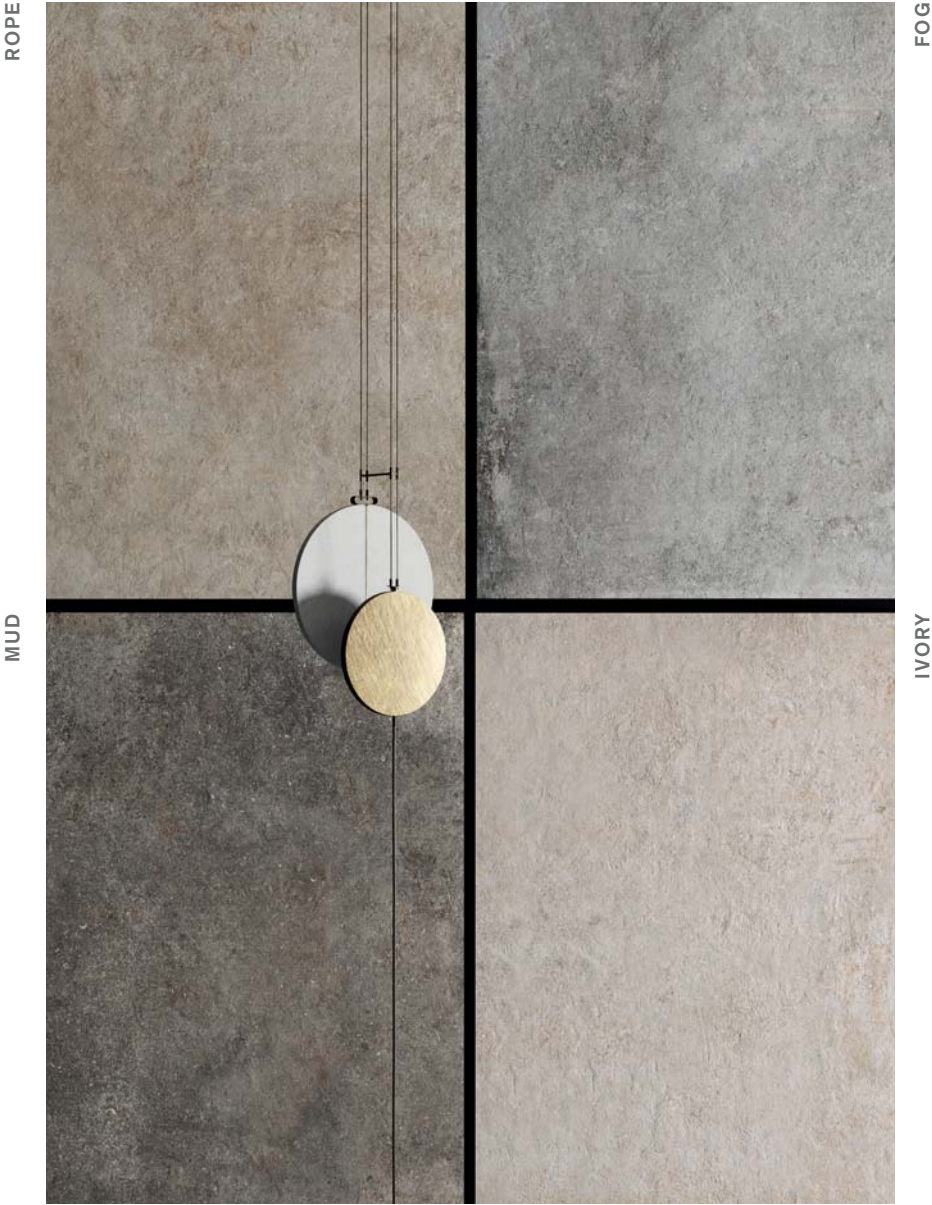
THE CHANGEABLE
SIDE OF BEAUTY.



LIVORNO revisits the world of french rustic stone, enhancing its natural variations and the imperfections caused by wear and tear to bring the appeal of a unique and authentic material to contemporary architecture.

LIVORNO

LIVORNO also reproduces the aesthetic appeal of french rustic stones in large sizes (120x120 cm for floors and 120x280 cm for walls), exploiting the material's varied colours as a stylistic detail.

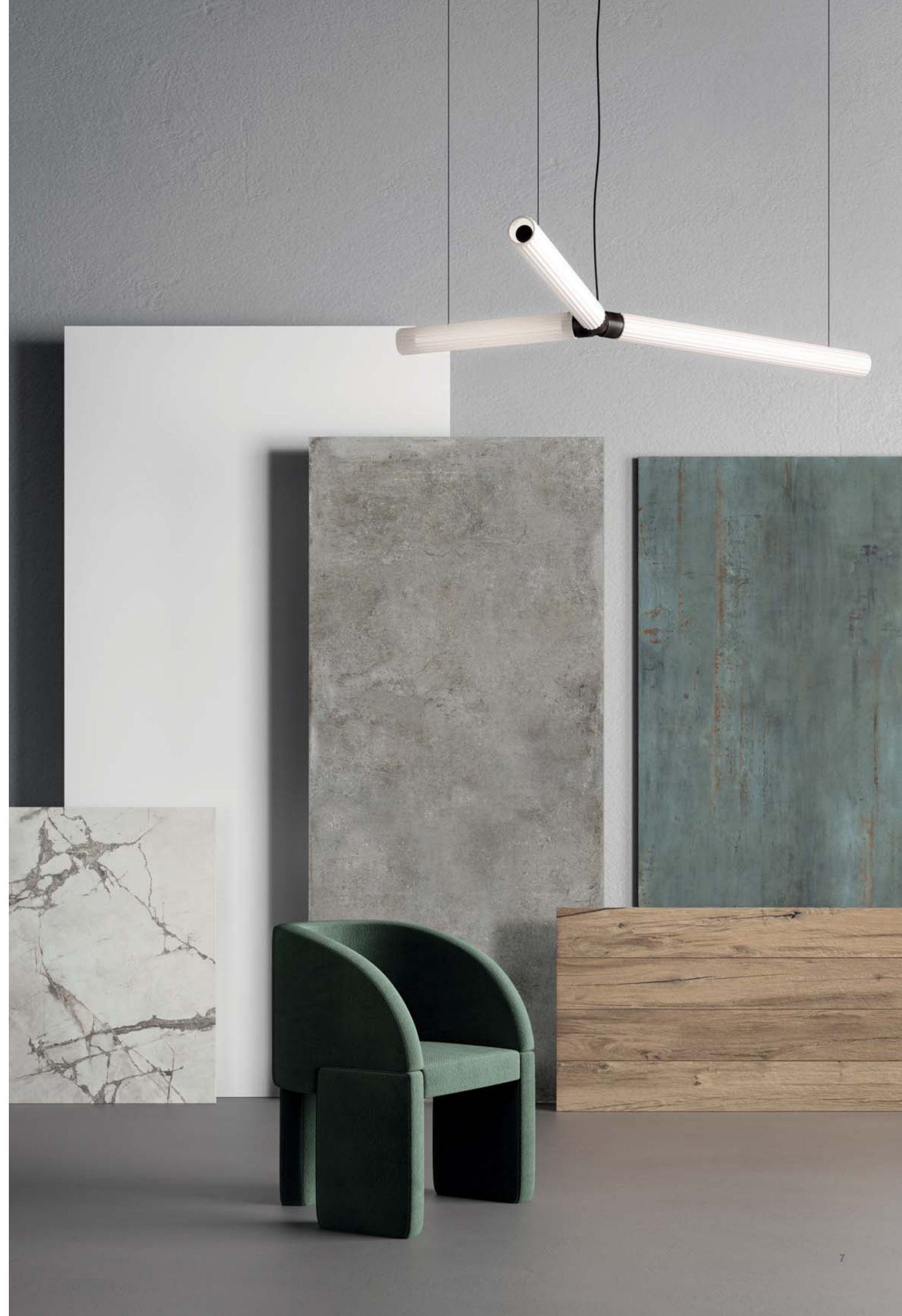


⌘ 6 mm	⌘ 9 mm	⌘ 20 mm
120x280	120x120	60x90
	60x120	
	90x90	
	60x60	

MULTIPLE SENSATION

The different material effects available in this range make these collections ideal for customising any space.

Stone, metal sheet, marble, wood and plain colours are skilfully combined to create unique and original situations.





LIVORNO FOG



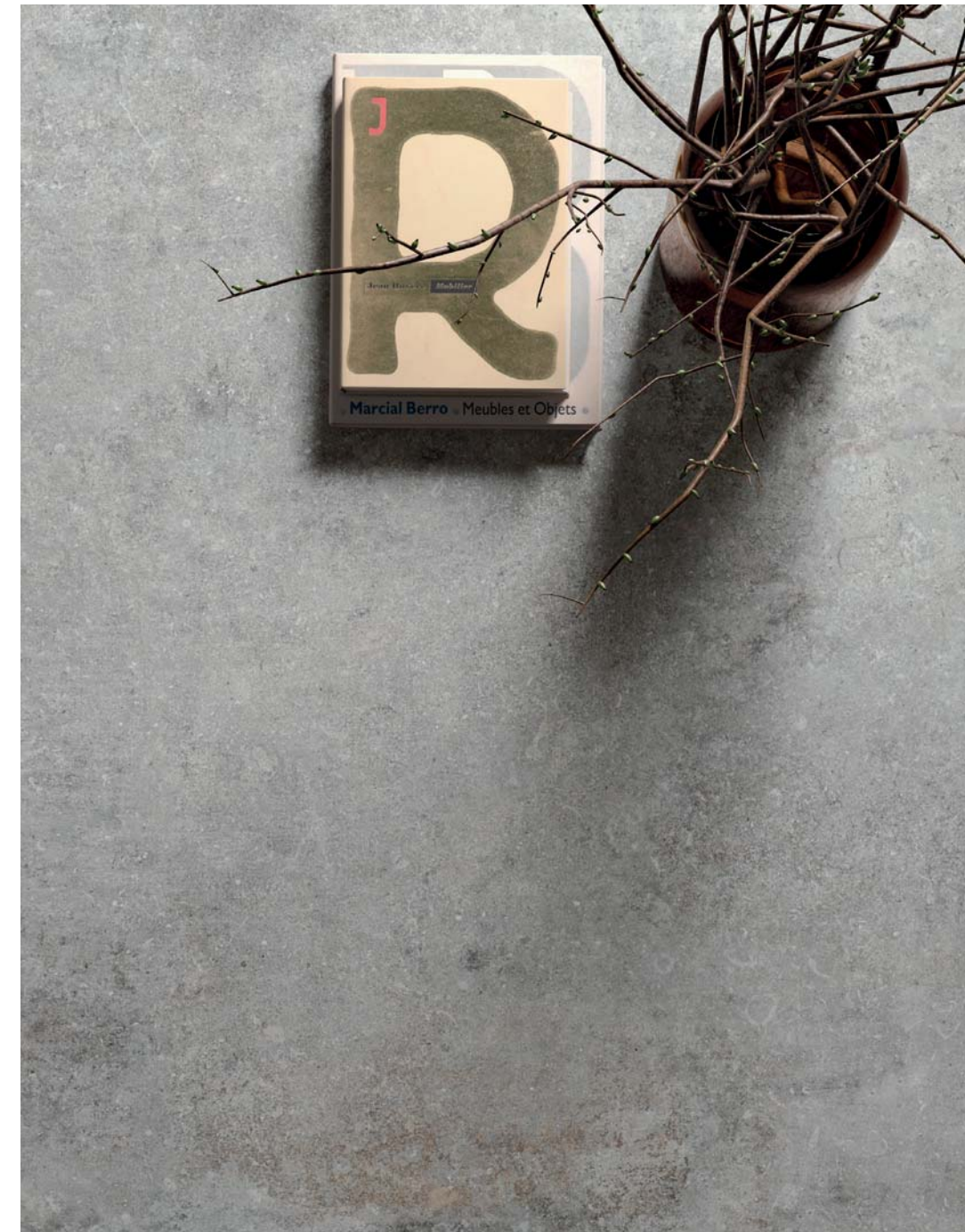


WALL: FOG 120x280

FLOOR: FOG 120x120

- KITCHEN TOP: WHITE LUX 163,5x323





WALL: FOG 120x280

FLOOR: FOG 120x120

MATERIA - KITCHEN TOP: WHITE LUX 163,5x323



OUTDOOR FLOOR: X20 FOG 60x90 20mm

INDOOR FLOOR: FOG 120x120



OUTDOOR FLOOR: X20 FOG 60X90 20MM
 INDOOR FLOOR: FOG 120X120



WALL: FOG 60X120
 FLOOR: SCANDI WOOD GOLD BEIGE 10X60



LIVORNO IVORY





FLOOR: IVORY 90x90, MIX FLOOR 60x90



FLOOR: IVORY 90x90, MIX FLOOR 60x90



WALL: IVORY 120x280, DECOR MIX 60x120

FLOOR: SCANDI WOOD GOLD 20x120



WALL: IVORY 120x280

FLOOR: SCANDI WOOD GOLD 20x120



FLOOR: IVORY 60x120, DECOR MIX 60x60

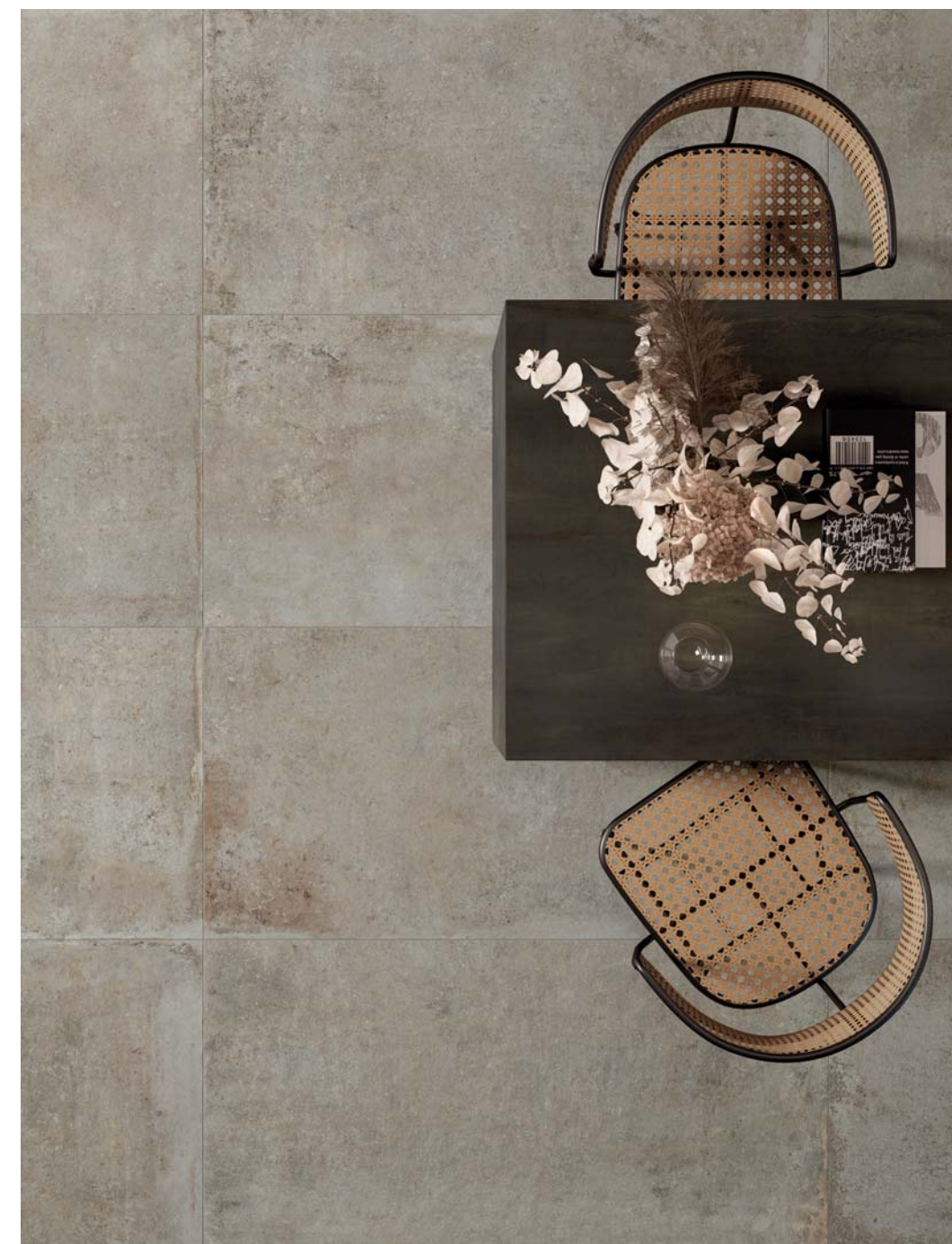
MATERIA - TABLE: REBEL BRONZE 163,5x323



LIVORNO

ROPE





WALL: CHROME WHITE LUX 120x280

FLOOR: ROPE 60x120

TABLE: REBEL BRONZE 120x280



WALL AND BACKSPLASH: CHROME WHITE LUX 120x280

FLOOR: ROPE 60x120

TABLE: REBEL BRONZE 120x280



OUTDOOR FLOOR: ROPE GRIP 60x60 R11

INDOOR FLOOR: ROPE 60x120



FLOOR: ROPE MIX FLOOR 60x90

MATERIA - TABLE: WHITE NAT. 163,5x323



FLOOR: X20 ROPE 60x90 20mm, ELEMENTO L GRIP

MATERIA - TABLE: CEPPO DI GRE 163,5x323

LIVORNO MUD





WALL: REBEL EMERALD 120X280

FLOOR: MUD 90X90



WALL: REBEL EMERALD 120x280, REBEL BRASS 60x120,
FLOOR: MUD 90x90



WALL: MUD 60x120, CHROME WHITE SOFT 120x280,
FLOOR: MUD 60x120



WALL: MUD 60x120, SUPREME EVO INVISIBLE SELECT SOFT 120x280

FLOOR: MUD 60x120



WALL: MUD 60x120

FLOOR: MUD 60x120

MATERIAL - WASHBASIN: STATUARIO SUPERIOR FULLVEIN3D LUX 20MM

LIVORNO



IVORY ROPE FOG MUD

Σ 6 mm	120x280 48"x112"	RETT.	•			•	
	120x120 48"x48"	RETT.	•		•	•	•
	60x120 24"x48"	RETT.	•		•	•	•
	90x90 36"x36"	RETT.	•		•	•	•
	60x90 24"x36" Mix Floor	RETT.	•		•	•	•
	60x60 24"x24"	RETT.	•		•	•	•
	60x60 24"x24"	GRIP RETT. R11	•		•	•	•
Σ 20 mm	60x90 24"x36"	RETT. R11			•	•	

IVORY



6 mm	120x280	RETT.
9 mm	120x120	RETT.
	60x120	RETT.
	90x90	RETT.
	60x60	RETT.
	60x60 GRIP R11	RETT.

FOG



6 mm	120x280	RETT.
9 mm	120x120	RETT.
	60x120	RETT.
	90x90	RETT.
	60x60	RETT.
	60x60 GRIP R11	RETT.
20 mm	60x90 X20 R11	RETT.

ROPE



9 mm	120x120	RETT.
	60x120	RETT.
	90x90	RETT.
	60x60	RETT.
	60x60 GRIP R11	RETT.
20 mm	60x90 X20 R11	RETT.

MUD



9 mm	120x120	RETT.
	60x120	RETT.
	90x90	RETT.
	60x60	RETT.
	60x60 GRIP R11	RETT.

DECOR MIX

± 9 mm



60x120

DECOR MIX RETT.

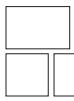




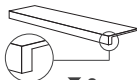







60x60

DECOR MIX RETT.



IVORY ROPE FOG MUD

 ± 9 mm	Mix Floor 60x90 1pz 60x60 1pz 30x60 1pz	RETT.	-	-	-	-
 ± 9 mm	Battiscopa 5,5x90 	RETT.	-	-	-	-
 ± 9 mm	Battiscopa 5,5x120 	RETT.	-	-	-	-
 ± 9 mm	Gradone Top 32x120x4,5x2 	RETT.	-	-	-	-
 ± 9 mm	Angolare Top SX 32x120x4,5x2 	RETT.	-	-	-	-
 ± 9 mm	Angolare Top DX 32x120x4,5x2 	RETT.	-	-	-	-





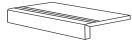

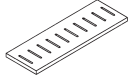

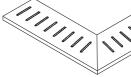

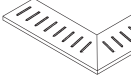

X20 20 mm R 11



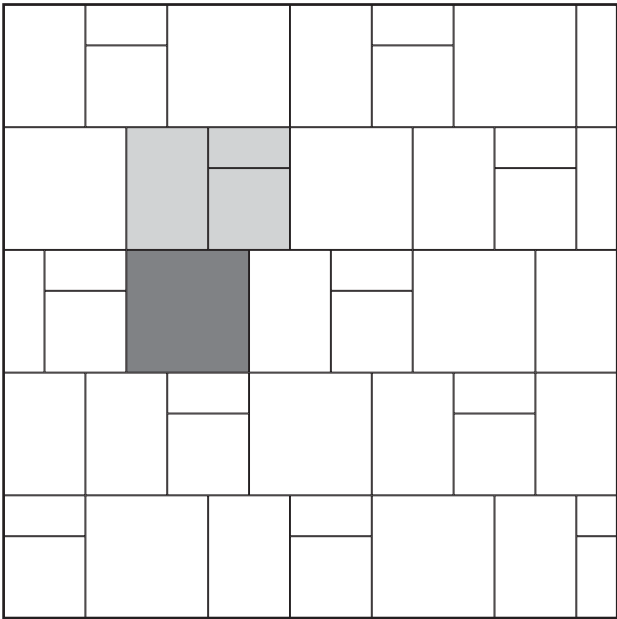
60x90
ROPE 20 mm RETT.



60x90
FOG 20 mm RETT.

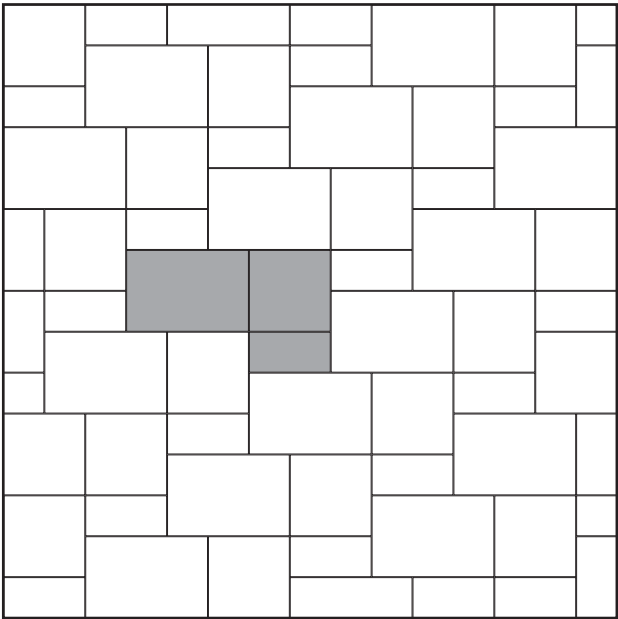
	 Bullnose 60x90 	 Elemento L 15x60x5 	 Elemento L Grip 15x60x5 	 Griglia 15x60 	 Ang. Griglia SX 15x60 	 Ang. Griglia DX 15x60 
RE_TOUR ROPE	-	-	-	-	-	-
RE_TOUR FOG	-	-	-	-	-	-

MIX FLOOR INSTALLATION PATTERN



90X90 42,9 %

60X90 MIX FLOOR 57,1 %







60X90 MIX FLOOR 100 %

CARATTERISTICHE TECNICHE
TECHNICAL CHARACTERISTICS

FULL BODY PORCELAIN CLASSIFICATION IN ACCORDANCE WITH UNI EN 14411 (ISO 13006) ANNEX G-Group UGL

X20
FULL BODY COLORED PORCELAIN

CLASSIFICATION IN ACCORDANCE WITH UNI EN 14411 (ISO 13006) ANNEX G-Group Bla GL

PHYSICAL-CHEMICAL PROPERTIES			NORM	VALUE PRESCRIBED FROM THE NORMS	NAT. 9 mm	GRIP 9 mm	X20 20 mm
LENGTH AND WIDTH OF THE AVERAGE-SIZES TILE			UNI EN ISO 10545/2	± 0,5%	ACCORDING		
THICKNESS			UNI EN ISO 10545/2	± 5%	ACCORDING		
WARPAGES OF EDGES			UNI EN ISO 10545/2	± 0,5%	ACCORDING		
WEDGING			UNI EN ISO 10545/2	± 0,6%	ACCORDING		
FLATNESS			UNI EN ISO 10545/2	± 0,5%	ACCORDING		
WATER ABSORPTION			UNI EN ISO 10545/3	E ≤ 0,5%	ACCORDING		
BENDING STRENGTH			UNI EN ISO 10545/4	≥ 35 N/mm²	ACCORDING	ACCORDING	≥ 50 N/mm²
BREAKING STRENGTH			UNI EN ISO 10545/4	≥ 1300 N	ACCORDING	ACCORDING	≥ 20000 N
RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES			UNI EN ISO 10545/6	< 175 mm³	ACCORDING	ACCORDING	-
ABRASION RESISTANCE FOR GLAZED TILES			UNI EN ISO 10545/7	ACCORDING TO THE DESTINATION OF FINAL USE	-	-	ACCORDING
THERMAL SHOCK RESISTANCE			UNI EN ISO 10545/9	REQUIRED	RESISTS		
FROST RESISTANCE			UNI EN ISO 10545/12	REQUIRED	FROST PROOF		
CHEMICAL RESISTANCE			UNI EN ISO 10545/13	MIN UB	ACCORDING	ACCORDING	-
				MIN GB	-	-	ACCORDING
RESISTANCE TO STAINING			UNI EN ISO 10545/14	UGL VALUE TO DECLARE	-	-	-
				GL: CLASSE 3 MIN	-	-	ACCORDING
SLIP RESISTANCE			B.C.R.A. C.A.	μ 0,19 S - DANGEROUSLY SLIPPERY 0,20 < μ < 0,39 - EXCESSIVELY SLIPPERY 0,40 < μ < 0,74 - SATISFACTORY GRIP μ 0,75 - EXCELLENT GRIP	> 0,40 > 0,40		
			B.C.R.A. G.B.				
			ASTM C 1028 (S.C.O.F.)	SLIP RESISTANT (> 0,60)	> 0,60 DRY > 0,60 WET		
			DIN 51130	BASING ON THE ENVIRONMENT OR THE WORKING AREA	R10	R11	R11
			DIN 51097	-	A+B	A+B+C	A+B+C
			ANSI A 137-1:2012 (D.C.O.F.)	> 0,42	> 0,42		
			AS/NZS 4586:2013	SRV : 35 - 44	-	P4 WET	P4 WET
			BS 7976 - 2:2002	> 36	-	+36 WET	+36 WET
SHADE VARIATION	V3	 uniform appearance V1	 slight variation V2	 moderate variation V3	 substantial variation V4		

PACKAGING

Nominal size	Finish	Thickness	Work size (mm)	Packing	Pcs/Box	Sqm/Box	Kg/Box	Box/Packing	Pcs Total	Sqm Total	Kg/Packing	Kg Total
120x280 48"x112"	RETT.	6	1194x2780	Crate	-	-	-	-	20	67,20	95	1.103
				Rack pallet	-	-	-	-	36	121,00	120	1.935
				Container Rack	-	-	-	-	36	121,00	140	1.955
120x120 48"x48"	RETT.	9	1194x1194	Pallet with sides	2	2,88	57,60	18	36	51,84	40	1.077
60x120 24"x48"	RETT.	9	596x1194	Pallet	2	1,44	28,00	30	60	43,20	20	860
60x60 24"x24"	RETT.	9	596x596	Pallet	1	0,36	25,02	44	44	15,84	20	1.116
MIX FLOOR 60x90 24"x36"	RETT.	9	596x895	Pallet	1 CP	1,08	25,00	25	25 CP	27,00	20	645
90x90 36"x36"	RETT.	9	895x895	Pallet	2	1,62	34,00	22	44	35,64	20	768
60x90 24"x36"	RETT.	20	600x900	Pallet	1	0,54	26,00	48	48	25,92	20	1.268

The data referred to the content per box and to the packing weight are update at the catalogue printing time.

Optical features and color shades of ceramic materials illustrated in this catalogue are to be regarded as mere indications.



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