



OUTDOOR 20mm



Il viaggio non è quello che fai ma è quello che vivi.

Journey is not what you are doing but what you are living

OutDoor **20 MM**

Il nostro prodotto top gamma di pavimenti per esterno in spessore **20mm**, particolare orgoglio di **Slabs & Tiles**.

Grazie ad una ricerca avanzata sulle materie prime ed alle tecnologie all'avanguardia, produciamo i nostri pavimenti in R11 da esterno con la garanzia della massima qualità per un mercato globale sempre più esigente per ricerca di grafiche di tendenza, come per la sostenibilità dell'ambiente che ci circonda.

La nostra produzione continua fa di questo prodotto un'eccellenza del settore outdoor.

Il più venduto e competitivo della gamma in tutte le reti di distribuzione nazionale ed internazionale.

Our top-of-the-range outdoor flooring product in **20mm** thickness, a particular pride of **Slabs & Tiles**.

Thanks to advanced research on raw materials and vanguard technologies, we produce our R11 outdoor floors with the guarantee of the highest quality, aimed to an increasingly demanding global market who search for trendy graphics as well as for the sustainability of the environment that surrounds.

Our continuous production makes this product an excellence in the outdoor sector.

The best-selling and most competitive of the range in all national and international distribution networks.

OutDoor 20 MM

Serie Series	Formati cm Sizes cm	Pag. Page
QUARZO	39x78 - 60x60 - 80x80 - 60x120 - 31,5x118	5-6-7-8-9-10
MADLIN	39x78	11 -12 -13 -14-15
WOOD	39x78 - 60x60	17 -18 -19-20-21
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EMILIA	39x78 - 60x60	27-28-29-30-31
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OutDoor **QUARZO 20MM**

Formati - Sizes

- 39x78 cm
- 31,5x118 cm
- 60x60 cm
- 80x80 cm
- 60x120 cm

Colori - Colors

	QUARZO NERO
	QUARZO BEIGE
	QUARZO TORTORA
	QUARZO GRIGIO



Gres Porcellanato rettificato di spessore 20mm, ottimo per pavimentazioni esterne, resistente a carichi e sollecitazioni, usure e sbalzi termici, adatto a tutti i progetti di posa per terrazzi, cortili, zona piscina, camminamenti su terra o ghiaia, possibilità di montaggio a colla o a secco, grazie alla rettifica ottimo anche alla posa sopraelevata.

Un ottimo prodotto inalterabile nel corso del tempo che con la finitura pietra da un tocco di eleganza che si intona in qualsiasi contesto abitativo e per piccoli e grandi spazi.

Rectified porcelain stoneware 20mm thickness, excellent for outdoor flooring, resistant to loads and stresses, wear and thermal shocks, suitable for all laying projects for terraces, courtyards, swimming pools, walkways on earth or gravel, possibility of mounting with glue or dry. Thanks to the rectification excellent for raised laying too.



OutDoor QUARZO 20MM

Codice Code	Nome Name	Formato cm Sizes cm
7128	QUARZO NERO	39x78
5352	QUARZO NERO	60x60
7702	QUARZO NERO	80x80
3245	QUARZO NERO	60x120



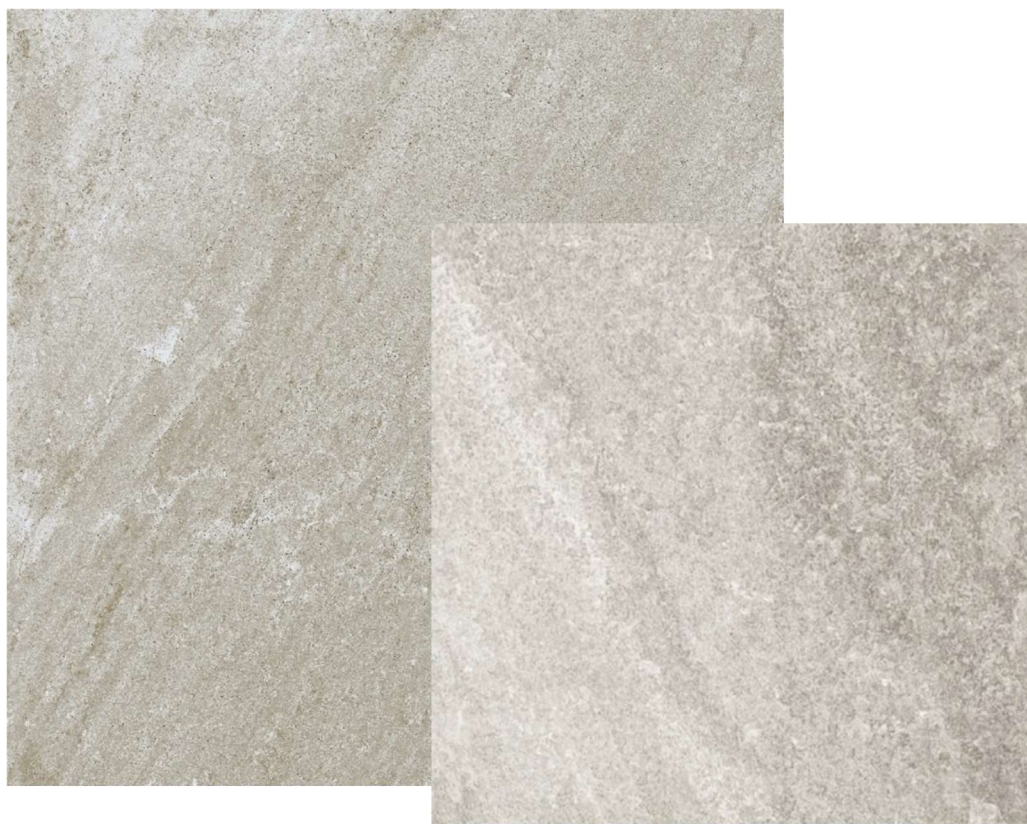
OutDoor
QUARZO 20MM

Codice Code	Nome Name	Formato cm Size cm
7127	QUARZO TORTORA	39x78
4690	QUARZO TORTORA	60x60
8085	QUARZO TORTORA	80x80



OutDoor
QUARZO 20MM

Codice Code	Nome Name	Formato cm Size cm
5350	QUARZO BEIGE	60X60
8084	QUARZO BEIGE	80X80



OutDoor QUARZO 20MM

Codice Code	Nome Name	Formato cm Size cm
7126	QUARZO GRIGIO	39X78
4666	QUARZO GRIGIO	60X60
7701	QUARZO GRIGIO	80X80
9360	QUARZO GRIGIO	60x120
1895	QUARZO GRIGIO	31,5x118



OutDoor **MADLIN** **20MM**

Formati - Sizes

- 39x78 cm

Colori - Colors

	MADLIN A1 GRIGIO
	MADLIN A3 SABBIA
	MADLIN A2 ANTRACITE



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Un ottimo prodotto inalterabile nel corso del tempo che con la finitura moderna da un tocco di eleganza che si intona in qualsiasi contesto abitativo e per piccoli e grandi spazi.

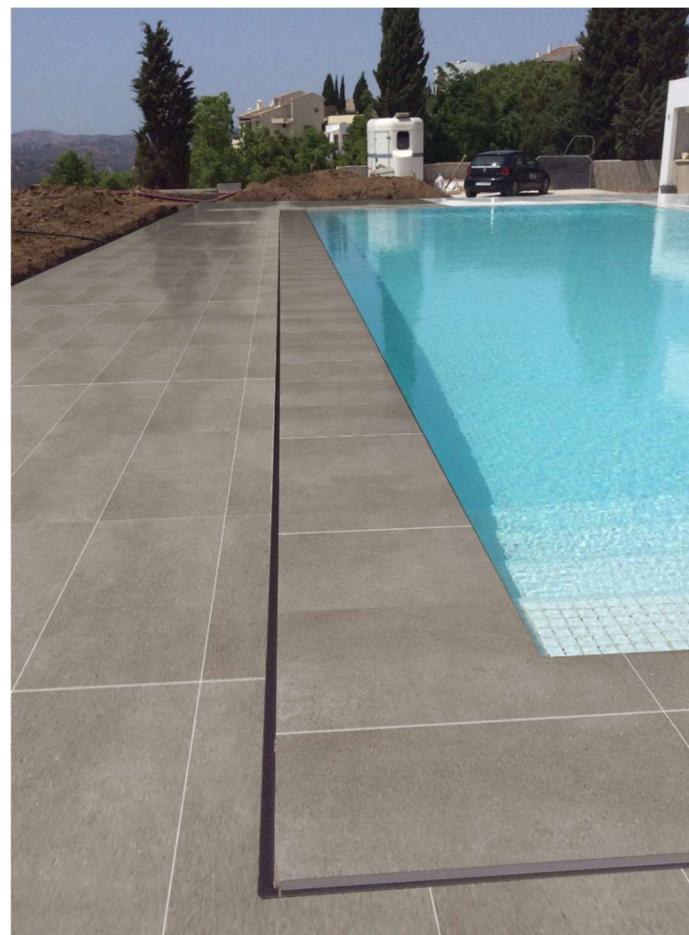
Rectified porcelain stoneware 20mm thickness, excellent for outdoor flooring, resistant to loads and stresses, wear and thermal shocks, suitable for all laying projects for terraces, courtyards, swimming pools, walkways on earth or gravel, possibility of mounting with glue or dry. Thanks to the rectification, it is also excellent for raised installation.

An excellent unalterable product over time which, with the modern finish, gives a touch of elegance that matches any living environment and for small and large spaces.



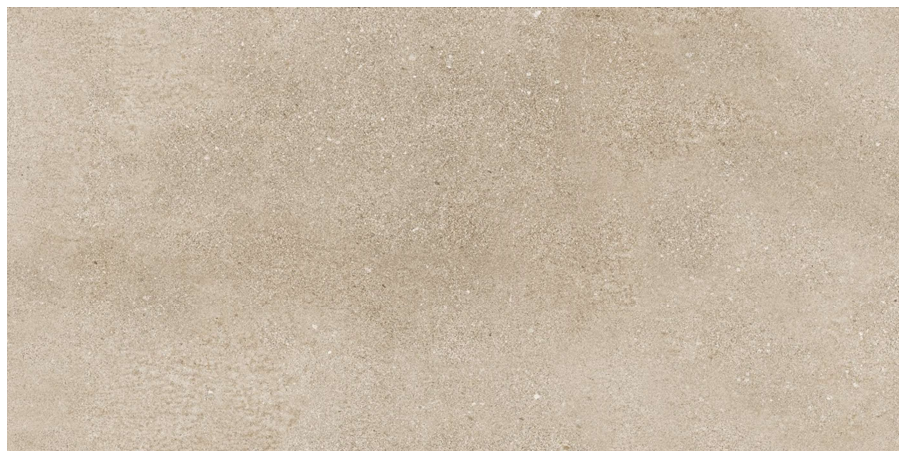
OutDoor
MADLIN 20MM

Codice Code	Nome Name	Formato cm Size cm
5912	MADLIN GRIGIO	39x78



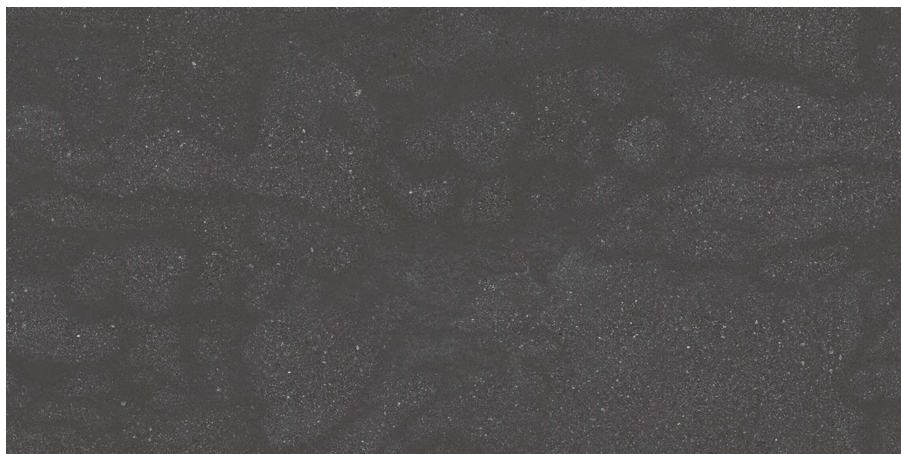
Outdoor
MADLIN 20MM

Codice Code	Nome Name	Formato cm Size cm
5913	MADLIN SABBIA	39x78



OutDoor
MADLIN 20MM

Codice Code	Nome Name	Formato cm Size cm
5972	MADLIN ANTRACITE	39x78



Il respiro è quell'attimo in cui ti guardi intorno e ti rendi conto della grandezza della natura

Breathing is that moment in which you look around and realize the greatness of nature

Outdoor **WOOD** **20MM**

Formati - Sizes

- 39x78 cm
- 60x60 cm

Colori - Colors

	WOOD LARICE
	WOOD NOCE
	WOOD ROVERE



Gres Porcellanato rettificato di spessore 20mm, ottimo per pavimentazioni esterne, resistente a carichi e sollecitazioni, usure e sbalzi termici, adatto a tutti i progetti di posa per terrazzi, cortili, zona piscina, camminamenti su terra o ghiaia, possibilità di montaggio a colla o a secco, grazie alla rettifica ottimo anche alla posa sopraelevata

Un ottimo prodotto inalterabile nel corso del tempo che con la finitura legno da un tocco di eleganza che si intona in qualsiasi contesto abitativo e per piccoli e grandi spazi

Rectified porcelain stoneware 20mm thickness, excellent for outdoor flooring, resistant to loads and stresses, wear and thermal shocks, suitable for all laying projects for terraces, courtyards, swimming pools, walkways on earth or gravel, possibility of mounting with glue or dry. Thanks to the rectification excellent also for raised laying.

An excellent unalterable product over time which, with the wood finish, gives a touch of elegance that matches any living environment and for small and large spaces



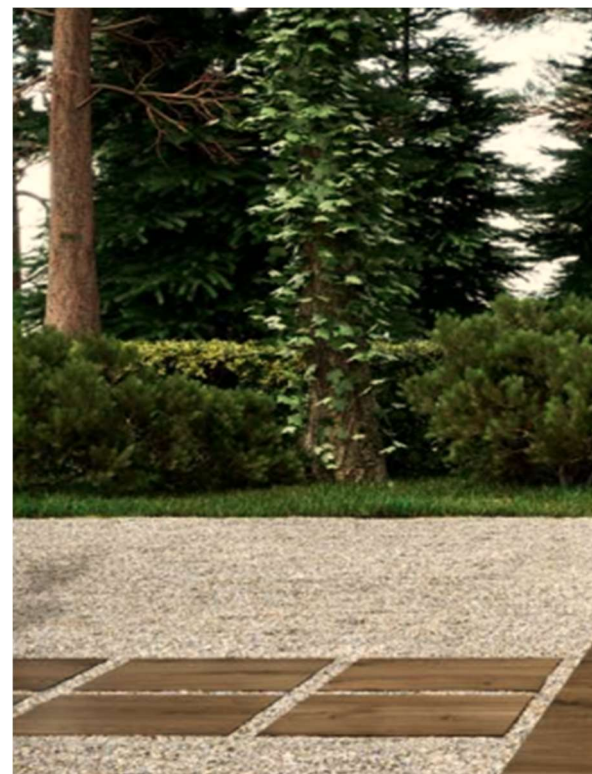
OutDoor **WOOD 20MM**

Codice Code	Nome Name	Formato cm Sizes cm
3047	WOOD LARICE	39X78
1256	WOOD LARICE	60X60



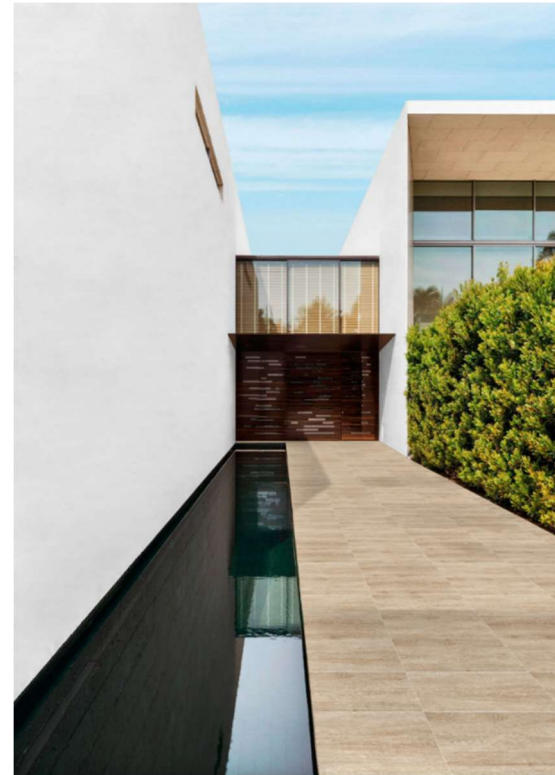
OutDoor **WOOD 20MM**

Codice Code	Nome Name	Formato cm Sizes cm
3045	WOOD NOCE	39X78
1177	WOOD NOCE	60X60



OutDoor **WOOD 20MM**

Codice Code	Nome Name	Formato cm Sizes cm
3046	WOOD ROVERE	39X78
1176	WOOD ROVERE	60X60



La forza è nella costante del passare del tempo, che parte dall'esistenza della terra e si propaga con storia del nostro vissuto

The strength is in the constant of the passage of time, which starts from earth's existence and spreads with the history of our experience

OutDoor **SASSI SAN MARCO 20MM**

Formati - Sizes

- 39x78 cm

Colori - Colors



SASSI SAN MARCO



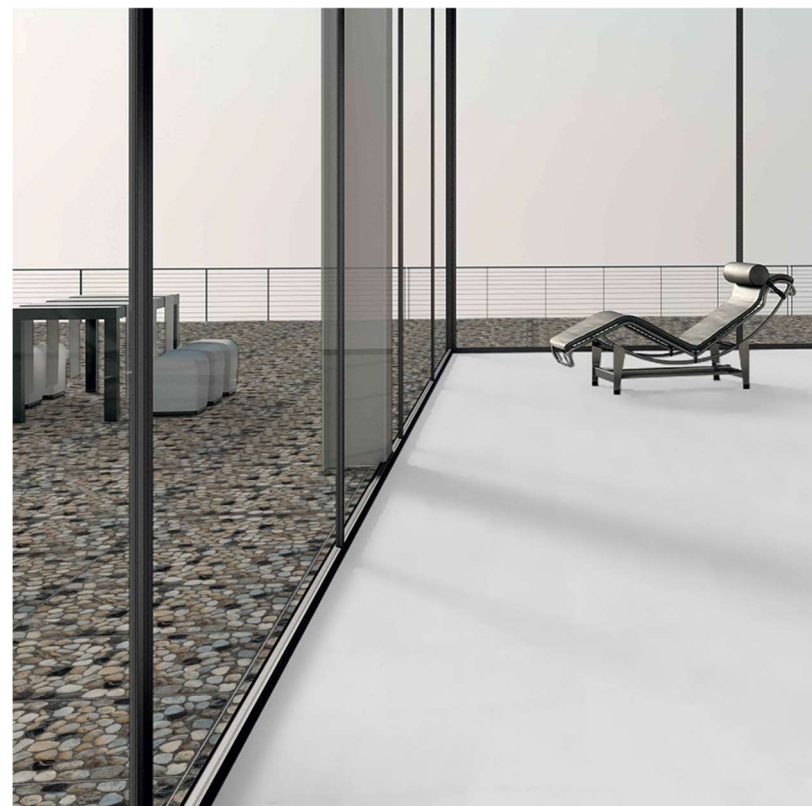
Gres Porcellanato rettificato di spessore 20mm, ottimo per pavimentazioni esterne, resistente a carichi e sollecitazioni, usure e sbalzi termici, adatto a tutti i progetti di posa per terrazzi, cortili, zona piscina, camminamenti su terra o ghiaia, possibilità di montaggio a colla o a secco, grazie alla rettifica ottimo anche alla posa sopraelevata. Un ottimo prodotto inalterabile nel corso del tempo che richiama l'eleganza dei cortili del passato che si conferma anche nel presente come tendenza raffinata

Rectified porcelain stoneware 20mm thickness, excellent for outdoor flooring, resistant to loads and stresses, wear and thermal shocks, suitable for all laying projects for terraces, courtyards, swimming pools, walkways on earth or gravel, possibility of mounting with glue or dry, thanks to the rectification, it is also excellent for raised laying. An excellent product unalterable over time that recalls the elegance of the courtyards of the past which is also confirmed in the present as a refined trend.



Outdoor
SASSI SAN MARCO 20MM

Codice Code	Nome Name	Formato cm Sizes cm
9034	SASSI SAN MARCO	39X78



Cogli il tuo Albedo

Catch your Albedo

OutDoor **EMILIA** **20MM**

Formati - Sizes

- 39x78 cm
- 60x60 cm

Colori - Colors

	EMILIA GREY
	EMILIA RED
	EMILIA WHITE



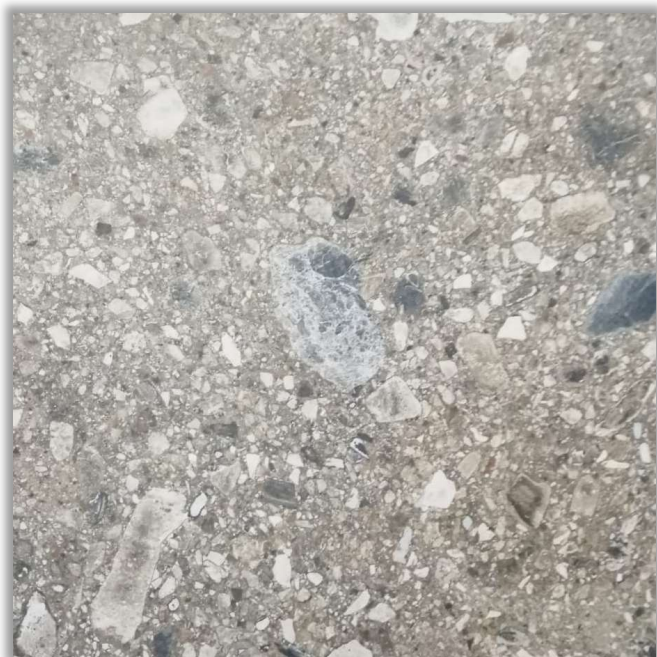
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Rectified porcelain stoneware 20mm thickness, excellent for outdoor flooring, resistant to loads and stresses, wear and thermal shocks, suitable for all laying projects for terraces, courtyards, swimming pools, walkways on earth or gravel, possibility of mounting with glue or dry. Thanks to the rectification excellent for raised laying too. An excellent unalterable product over time which, with the stone finish, gives a touch of elegance that matches any living environment and for small and large spaces



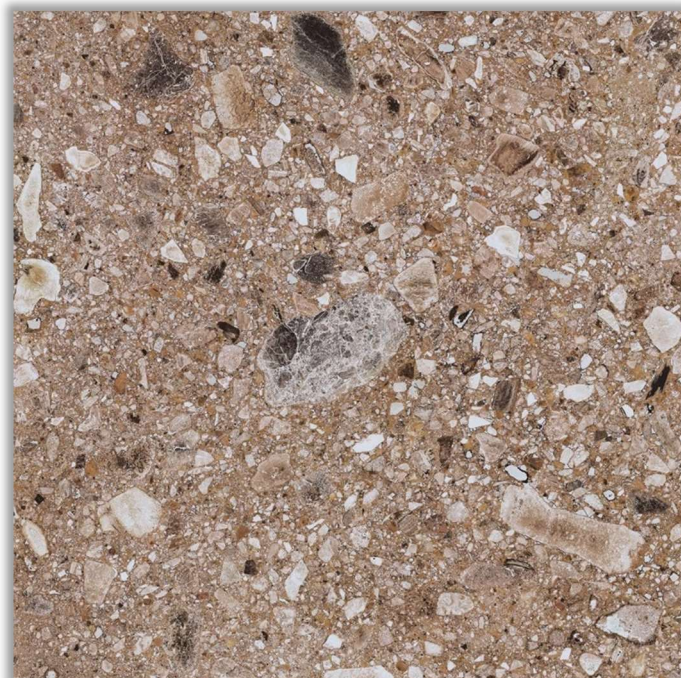
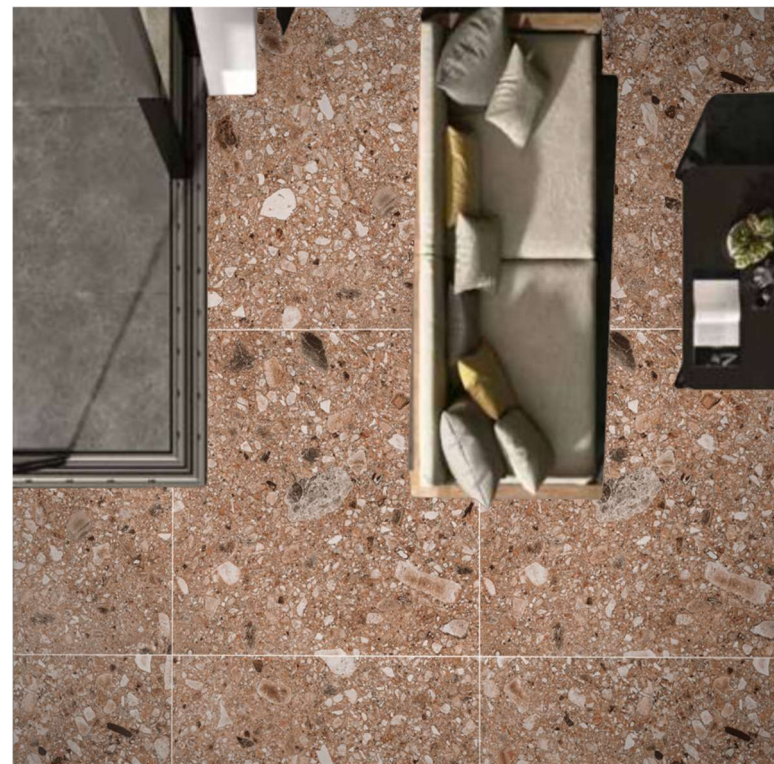
OutDoor
EMILIA 20MM

Codice Code	Nome Name	Formato cm Sizes cm
3056	EMILIA GREY	39X78
1808	EMILIA GREY	60X60



OutDoor
EMILIA 20MM

Codice Code	Nome Name	Formato cm Sizes cm
3057	EMILIA RED	39X78
1809	EMILIA RED	60X60



OutDoor
EMILIA 20MM

Codice Code	Nome Name	Formato cm Sizes cm
3058	EMILIA WHITE	39X78
1810	EMILIA WHITE	60X60



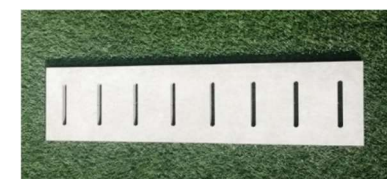
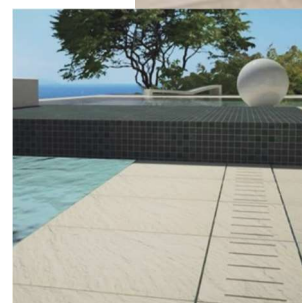
PEZZI SPECIALI su richiesta **SPECIAL TRIMS on demand**



Bordo toro - **Bullnose**

Bordo toro e righe - **Bullnose and Lines**


Griglie - **Grids**



Passi Giapponesi- **Japanese steps**



IMBALLI E PESI / PACKAGING AND WEIGHTS

	FORMATO/SIZE	39X78x2cm	60x60x2cm	80x80x2cm	60x120x2cm	31,5x118x2cm
 PACKING BOX	Pz Pcs	2	2	1	1	2
	m2 sqm	0,6084	0,72	0,64	0,72	0,743
	KG	28	32,3	28	31,3	33,20
 PALLET	Dimensioni pallet Pallet dimensions	125x85xH52cm	125x85xH75cm	125x85xH75cm	125x85xH75cm	120x80xH78cm
	Scatole Boxes	54	32	48	32	36
	m2 sqm	32,8536	23,04	30,72	23,04	26,7624
	KG	1.485	1.032	1.344	1.001,60	1.195,20
 CONTAINER 20"	N. pallet No. of pallets	18	26	19	25	22
	m2/sqm	591,3648	599,04	583,68	576	588,7728
	Peso tot KG Total weight KG	26.730	26.832	25.536	25.040	26.295

Floor Tile Test Report-Ceramic 600*600mm chamfer WATER ABSORPTION E≤0.5 %

(Surface Area of the Tile (S)>410 cm²) (DUST-PRESSED CERAMIC TILE) (GLAZED TILE) (GROUP BIa)

BRAND NAME	PRODUCTION DATE	TEST REPORT DATE	SAMPLING
CHARACTERISTIC		REQUIREMENT	RESULT
1. Dimensions and nature of the surface	1.1 Length and width	Variation of the average size of each tile (two or four sides) from the work size (w) from the average size of 10 test samples (twenty or forty sides)	±0.3% - average:602mm Max:602.2mm Min:601.8mm
	1.2 Thickness	Variation from the work thickness size	±5% - average:19.7 mm Max:20 Min:19.5
	1.3 Side straightness (surface side)	Highest deviation from straightness relative to work sizes	±0.3% - average: 0.08mm Max:0.11mm Min: 0.06mm
	1.4 Angularity	Highest deviation from right angle relative to work sizes	±0.3% - average: 0.1mm-Max:0.14mm Min:0.04 mm
	1.5 surface leveling	Highest deviation from surface leveling	
	A- Tile center convexity	Expressed as a percentage of the diagonal calculated from the work size	±0.4% - average:1.34mm Max:1.5mm Min:0.79mm
	B-Edge convexity	expressed as percentage of the length of working	±0.4% - average:0.88mm Max:1.09mm Min:0.33mm
	C-Warpage	Expressed as a percentage of the diagonal calculated from the working size	±0.4% - average: 0.65 mm Max: 0.92mm Min:0.32mm
	1.6 Nature of the surface	At least 95 % of the tiles shall be free of clear visible defects that cause a disfiguration of large surfaces of the tiles	OK
2. Physical Properties	2.1 Water Absorption (%) by mass	E≤0.5on average / Individual maximum 0.6 %	avarage:0.46 Max:0.6 Min:0.29
	2.2.1 Breakage index (N/mm ²)	Not less than or equal to 35on average	Average:38< Max:38< Min:38<
	2.2.2 Breaking strength(N)	Not less than 1300	Average:9000< Max:9000< Min:9000<
	2.3 Surface resistance to scratching (Mohs)		
	A- Glazed tile	Minimum 5	≥6 Average:7
	B- Unglazed tile	Minimum 6	-
	2.4 Resistance to abrasion by rubbing (wear) /Resistance of unglazed tiles to deep abrasion (volume remove/mm ³)	175 maximum	Class 4 - Cycles 2100 - R11
	2.5 Linear thermal dilatation index with ambient temperature rise to 100 °C	9 × 10 ⁻⁶ per Kelvin max	6.7 × 10 ⁻⁶
	2.6 Resistance to thermal shock	No defense or visible changes shall appear when examined with the naked eye or with the help of eyeglasses in case they are used	OK
2.7 Resistance of glazed tile to crazing	No crazing (meaning the appearance of capillary cracks) shall occur	OK	
3. Chemical Properties	3.1 Resistance to staining glazed tiles type 1 to type 3	Shall be lease of Type 3 where stains can be removed using detergents	Class 3
	3.2 Resistance to domestic chemicals and swimming pool detergents except detergents containing hydrofluoric acid or its composites		
	A- Glazed tiles	Shall be at least of type B	Type A
	B- Unglazed tiles	No changes on the surface of the tiles shall appear when examined with the naked eye or with eyeglasses in case they are used	-
	3.3 Resistance to acids and bases except hydrofluoric acid and its composites		resistant
	Unglazed tiles	No changes on the surface of the tiles shall appear when examined with the naked eye or with eyeglasses in case they are used	-

Floor Tile Test Report-Ceramic 390*780mm chamfer WATER ABSORPTION E≤0.5 %

(Surface Area of the Tile (S)>410 cm²) (DUST-PRESSED CERAMIC TILE) (GLAZED TILE) (GROUP BIa)

BRAND NAME	PRODUCTION DATE	TEST REPORT DATE	SAMPLING
CHARACTERISTIC		REQUIREMENT	RESULT
1. Dimensions and nature of the surface	1.1 Length and width	Variation of the average size of each tile (two or four sides) from the work size (w) from the average size of 10 test samples (twenty or forty sides)	±0.3% - average:779mm Max:779.1mm Min:778.8mm ±0.3% - average:388mm Max:388.3mm Min:388mm
	1.2 Thickness	Variation from the work thickness size	±5% - average:19.6 mm Max:19.8 Min:19.5
	1.3 Side straightness (surface side)	Highest deviation from straightness relative to work sizes	±0.3% - average: 0.07mm Max:0.1mm Min: 0.04mm
	1.4 Angularity	Highest deviation from right angle relative to work sizes	±0.3% - average: 0.11mm Max:0.15mm Min:0.05 mm
	1.5 surface leveling	Highest deviation from surface leveling	
	A- Tile center convexity	Expressed as a percentage of the diagonal calculated form the work size	±0.4% - average:1.23mm Max:1.65mm Min:0.68mm
	B-Edge convexity	expressed as percentage of the length of working	±0.4% - average:0.91mm Max:1.19mm Min:0.22mm
	C-Warpage	Expressed as a percentage of the diagonal calculated from the working size	±0.4% - average: 0.72 mm Max: 0.95mm Min:0.22mm
	1.6 Nature of the surface	At least 95 % of the tiles shall be free of clear visible defects that cause a disfiguration of large surfaces of the tiles	OK
2. Physical Properties	2.1 Water Absorption (%) by mass	E≤0.5on average - Individual maximum 0.6 %	avarage:0.45 Max:0.8 Min:0.09
	2.2.1 Breakage index (N/mm ²)	Not less than or equal to 35on average	Average:38< Max:38< Min:38<
	2.2.2 Breaking strength(N)	Not less than 1300	Average:9000< Max:9000< Min:9000<
	2.3 Surface resistance to scratching (Mohs)		
	A- Glazed tile	Minimum 5	≥6 - Average:7
	B- Unglazed tile	Minimum 6	-
	2.4 Resistance to abrasion by rubbing (wear) Resistance of unglazed tiles to deep abrasion (volume remove / mm ³)	175 Maximum	Class 4 - Cycles 2100 - R11
	2.5 Linear thermal dilatation index with ambient temperature rise to 100 °C	9 × 10 ⁻⁶ per Kelvin max	6.7 × 10 ⁻⁶
	2.6 Resistance to thermal shock	No defense or visible changes shall appear when examined with the naked eye or with the help of eyeglasses in case they are used	OK
2.7 Resistance of glazed tile to crazing *	No crazing (meaning the appearance of capillary cracks) shall occur	OK	
3. Chemical Properties	3.1 Resistance to staining glazed tiles type 1 to type 3	Shall be lease of Type 3 where stains can be removed using detergents	Class 3
	3.2 Resistance to domestic chemicals and swimming pool detergents except detergents containing hydrofluoric acid or its composites		
	A- Glazed tiles	Shall be at least of type B	Type A
	B- Unglazed tiles	No changes on the surface of the tiles shall appear when examined with the naked eye or with eyeglasses in case they are used	-
	3.3 Resistance to acids and bases except hydrofluoric acid and its composites		resistant
Unglazed tiles	No changes on the surface of the tiles shall appear when examined with the naked eye or with eyeglasses in case they are used	-	

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