

Linfa

SPECIFICATION


MATERIAL

Porcelain stoneware - Classified in GrOUP BIa UGL con $ev \leq 0,5\%$.

Complies with all the requirements of UNI EN 14411 ISO 13006 APP. G standards.



Download
Catalog

	COLORS	SIZES	THICKNESS
	Chiaro V2	MATTE RECTIFIED (9 mm) 20x120 (8"x47 ^{1/4} ") 26,5x160 (10 ^{3/8} "x62 ^{7/8} ") ANTISLIP RECTIFIED (9 mm) 20x120 (8"x47 ^{1/4} ") DEHORS ANTISLIP RECTIFIED (20 mm) 30x120 (11 ^{7/8} "x47 ^{1/4} ")	9 mm
	Miele V2		
	Caldo V2		20 mm
	Tortora V2		

PROCESS certified according to the ISO 9001 quality standard

Product obtained from exceptionally pure, choice quality raw materials, including light-coloured clays, feldspar fluxes, kaolins, sands and coloured ceramic pigments. Pressing in hydraulic presses allows a pressure of over 500kg/cm² to be applied to the product, guaranteeing dimensional precision, planarity and high mechanical strength. The product's colours and patterns are achieved with the innovative Digital Technology. The materials are fired in single-layer roller kilns at temperatures of over 1,220°C.

GREEN BUILDING: CERTIFIED ENVIRONMENTAL SUSTAINABILITY

The tiles in the Linfa collection are ideal for eco-sustainable building:

- They are produced in plants which have an EMAS-ISO 14001 certified environmental management system.
- They help to obtain credits for the construction of buildings in accordance with the LEED certification programme.

Size

Finishes

Colors Type





Linfa



FLOORS



WALLS



FACING SYSTEMS



RESIDENTIAL INDOOR



RESIDENTIAL OUTDOOR



PUBLIC INDOOR














PUBLIC OUTDOOR



HEAVY TRAFFIC

TECHNICAL TABLE PORCELAIN STONEWARE

Conforming to standards EN 14411 ISO 13006 APPENDIX G GROUP B1a UGL con $E_v \leq 0,5\%$

PHYSICAL PROPERTIES	TESTING METHOD	REFERENCE STANDARD	PRODUCT VALUES																													
 Sizes	EN ISO 10545-2																															
			<table border="1"> <thead> <tr> <th></th> <th>7cm ≤ N < 15 cm (mm)</th> <th>N ≥ 15 cm (%) (mm)</th> <th></th> </tr> </thead> <tbody> <tr> <td>Length and width</td> <td>±0.9</td> <td>±0.6 ±2.0</td> <td>±0.2 %</td> </tr> <tr> <td>Thickness</td> <td>±0.5</td> <td>±5.0 ±0.5</td> <td>±5 %</td> </tr> <tr> <td>Linearity</td> <td>±0.75</td> <td>±0.5 ±1.5</td> <td>±0.2 %</td> </tr> <tr> <td>Wedging</td> <td>±0.75</td> <td>±0.5 ±2.0</td> <td>±0.2 %</td> </tr> <tr> <td>Warpage</td> <td>±0.75</td> <td>±0.5 ±2.0</td> <td>±0.2 %</td> </tr> <tr> <td>Appearance: percentage of acceptable tiles, per lot</td> <td>95 % min.</td> <td>95 % min.</td> <td>-</td> </tr> </tbody> </table>		7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)		Length and width	±0.9	±0.6 ±2.0	±0.2 %	Thickness	±0.5	±5.0 ±0.5	±5 %	Linearity	±0.75	±0.5 ±1.5	±0.2 %	Wedging	±0.75	±0.5 ±2.0	±0.2 %	Warpage	±0.75	±0.5 ±2.0	±0.2 %	Appearance: percentage of acceptable tiles, per lot	95 % min.	95 % min.	-	Rectified
			7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)																												
		Length and width	±0.9	±0.6 ±2.0	±0.2 %																											
		Thickness	±0.5	±5.0 ±0.5	±5 %																											
		Linearity	±0.75	±0.5 ±1.5	±0.2 %																											
		Wedging	±0.75	±0.5 ±2.0	±0.2 %																											
Warpage	±0.75	±0.5 ±2.0	±0.2 %																													
Appearance: percentage of acceptable tiles, per lot	95 % min.	95 % min.	-																													
 Water absorption %	EN ISO 10545-3	$E_v \leq 0,5\%$	< 0,1 %																													
 Modulus of rupture  Breakage resistance	EN ISO 10545-4	Average value 35 N/mm ² min. sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N	45 N/mm ² 2300 N (9 mm)																													
 Scratch resistance	EN ISO 10545-6	175 mm ³ max.	Average < 150 mm ³																													
 Thermal expansion coefficient	EN ISO 10545-8	Declared Value	6,8 MK-1																													
 Thermal shock resistance	EN ISO 10545-9	Test passed according to ISO 10545-1	* Resistant																													
 Frost resistance	EN ISO 10545-12	Test passed according to ISO 10545-1	* Resistant																													
Resistance to low concentration of acids and alkali		Declared Value	* Resistant																													
 Resistance to high concentration of acids and alkali	EN ISO 10545-13	Declared Value	* Resistant																													
Resistance to domestic chemicals and additives for swimming pools		UB min.	UA																													
 Stain resistance of unglazed matte porcelain	EN ISO 10545-14	Declared Value	* Resistant																													
 Friction coefficient (slipperiness)	DIN 51130		Declared Value																													
	DIN 51097		Declared Value																													
	B.C.R.A. - D.M.236/ 89	If needed	> 0,40 Dry / > 0,40 Wet																													
	ANSI A326.3		≥ 0,42 Wet																													



Products of IMPRONTA contribute to major green building rating systems and GPP criteria (Criteri Ambientali Minimi).

For more info visit Ongreening.com



*Product compliance mapping by Ongreening

Technical details available on:
www.italgranitigroup.com