

NORDIC STONE

SPECIFICATION

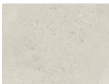

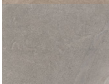


PORCELAIN STONEWARE

MATERIAL

Porcelain stoneware.

Classified in GROUP BIa UGL CON Ev ≤ 0,5%.

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

COLOR		SIZES	SURFACE	THICKNESS
	ISLANDA	V2	MATTE ANTISLIP OPEN ANTISLIP (20MM)	9 MM
	DANIMARCA	V2		
	NORVEGIA	V2		
	SVEZIA	V2		
	FINLANDIA	V2		
		MATTE RECTIFIED 80x160 (32"x64") . 60x120 (23 ^{5/8} "x64") . 60x60 (23 ^{5/8} "x23 ^{5/8} ") . 30x60 (11 ^{7/8} "x23 ^{5/8} ")		
		ANTISLIP NOT RECTIFIED 30x60 (11 ^{7/8} "x23 ^{5/8} ")		
		OPEN ANTISLIP RECTIFIED (20 MM) 60x120 (23 ^{5/8} "x23 ^{5/8} ")		20MM

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 Nordic Stone 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

Color Type



NORDIC STONE



FLOOR



WALL



FACING SYSTEMS



RESIDENTIAL INDOOR



RESIDENTIAL OUTDOOR



PUBLIC INDOOR



PUBLIC OUTDOOR



HEAVY TRAFFIC

TECHNICAL TABLE PORCELAIN STONEWARE

CONFORMING TO STANDARDS

EN 14411 ISO 13006 ANNEX G GROUP BIa UGL CON Ev ≤ 0,5%

PHYSICAL PROPERTIES	TESTING METHOD	REFERENCE STANDARD	PRODUCT VALUES		
			7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)	
Sizes	EN ISO 10545-2		Length and width	±0.9 ±0.6 ±2.0	Rectified ±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	Ev ≤ 0,5%		< 0,1%	
Modulus of rupture		Valore medio 35 N/mm ² min.		45 N/mm ²	
Breakage resistance	EN ISO 10545-4	sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N		2500 N (9 mm)	
Scratch resistance	EN ISO 10545-6	175 mm3 max.		Average < 150 mm3	
Thermal expansion coefficient	EN ISO 10545-8	Declared value		6,8 MK ⁻¹	
Thermal shock resistance	EN ISO 10545-9	Pass according to iso 10545-1		* Resistant	
Frost resistance	EN ISO 10545-12	Pass according to iso 10545-1		* Resistant	
Resistance to low concentrations of acids and alkali		Declared value		* Resistant	
Resistance to high concentrations 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	If needed		Declared value	
	B.C.R.A. - D.M.236/ 89			> 0,40 Dry / > 0,40 Wet	
	ANSI A326.3			≥ 0,42 Wet	



Assessed by Ongreening, this product can potentially contribute to major green rating systems.
For more info visit Ongreening.com

