

Limestone

SPECIFICATION

Porcelain Stoneware | Rectified





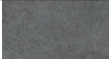
MATERIAL

Porcelain stoneware.

Classified in GrOUP Bla UGL con $ev \leq 0,5\%$.

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

Limestone is a ceramic stone with an elegantly natural and essential texture, created to meet the need for comfortable and regenerating environments. The collection is made with the innovative StrideUp technology and features a unique surface softness and high slip resistance: a winning combination that meets all requirements for safety and ease of maintenance.

COLORS		SIZES		FINISH	THICKNESS
WHITE		V2	STRIDE UP - MATTE RECTIFIED 160x80 120x120 80x80 80x40 120x60 60x60 60x30	STRIDE UP - MATTE	9 MM
BEIGE		V2			
GREY		V2			
TAUPE		V2			
DARK		V2			
			ANTISLIP RECTIFIED 80x80	ANTISLIP	20 MM
			DEHORS 20 MM 80x80 120x60	DEHORS 20 MM	

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 Limestone 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



Limestone



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 BIa UGL con $E_v \leq 0,5\%$

PHYSICAL PROPERTIES	TESTING METHOD	REFERENCE STANDARD	7 cm ≤ N < 15 cm		N ≥ 15 cm		PRODUCT VALUES
			(mm)	(%)	(mm)	(mm)	
 Sizes	EN ISO 10545-2	Length and width Thickness Linearity Wedging Warpage Appearance: percentage of acceptable tiles, per lot	±0.9	±0.6	±2.0	±0.2 %	
			±0.5	±5.0	±0.5	±5 %	
			±0.75	±0.5	±1.5	±0.2 %	
			±0.75	±0.5	±2.0	±0.2 %	
			±0.75	±0.5	±2.0	±0.2 %	
			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 2500 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	