

Range Name:

Natural

Ref: PE-TDS-Natural-26H1.1

Technical specification of dry pressed ceramic wall tiles manufactured in accordance with the EN 14411 standard, Blll group.

Physical Properties		Result
Group		Bl _a
Values According To		EN14411
Material		Porcelain
Colours		White, Beige, Ivory, Flax, Greige, Argil, Moka, Dark
Finish		Mega Matte, Matte, Antislip , Stripe
Size Formats (mm)		6mm, 9mm, 20mm
Thickness (mm)		1200x2800 (6mm) 1200x1200, 800x1600, 600x1200, 600x600, 300x600 (9mm) 600x1200 (20mm)
Shade Variation		V2
Rectified		Yes
Technical Properties	Testing To Standard	Values
Size Tolerances		
Length and width	EN ISO 10545-2	±0.2%
Thickness	EN ISO 10545-2	±5%
Linearity	EN ISO 10545-2	±0.2%
Wedging	EN ISO 10545-2	±0.2%
Warpage	EN ISO 10545-2	±0.2%
Appearance: percentage of acceptable tiles, per lot	EN ISO 10545-2	95% Min
Water absorpton	EN ISO 10545-3	<0,1%
Modulus of rupture	EN ISO 10545-4	45 N/mm2
Breakage resistance		
9mm Tile	EN ISO 10545-4	2300 N (9 mm)
20mm Tile	EN ISO 10545-4	12500 N (20 mm)
Scratch resistance	EN ISO 10545-6	Average < 150 mm3
Thermal expansion coefficient	EN ISO 10545-8	6,8 MK-1
Thermal shock resistance	EN ISO 10545-9	Resistant
Frost resistance	EN ISO 10545-12	Resistant
Chemical Resistance		
Low concentrations of acids and alkali	EN ISO 10545-13	Resistant
High concentrations of acids and alkali	EN ISO 10545-13	Resistant
Domestic chemicals and additives for swimming pools	EN ISO 10545-13	UA
Stain resistance of unglazed matte porcelain	EN ISO 10545-14	Resistant
Slipperiness		
European Standard Annex A	EN 16165 - Annex A	Declared value
European Standard Annex B	EN 16165 - Annex B	Declared value
British Ceramic Research Association	B.C.R.A. - D.M.236/ 89	> 0,40 Dry / > 0,40 Wet
American National Standards Institute	ANSI A326.3	≥ 0,42 Wet

