TECHNICAL

Range Name:

Macchia Vecchia

Ref: PE-TDS-Macchia Vecchia-26H1.2

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
Finish		Natural / Polished / Silky
Size Formats (mm)		3000x1500mm, 1500x1500mm, 1500x750mm, 750x750mm, 750x375mm
Thickness (mm)		6mm
Technical Properties	**Testing To Standard**	**Values**
Tolerances		
Length and Width	ISO 10545-2	± 0.1%
Thickness	ISO 10545-2	± 5.0%
Linearity	ISO 10545-2	± 0.1%
Rectangularity	ISO 10545-2	± 0.1%
Surface Flatness	ISO 10545-2	± 0.2%
Surface Quality	ISO 10545-2	Compliant
Water Absorption	ISO 10545-3	<= 0.1%
Modulus of Rupture (R)	ISO 10545-4	49 N/mm^2
Resistance to deep abrasion	ISO 10545-6	$140mm^3$
Thermal expansion coefficient	ISO 10545-8	$6.5x10^{-6}$ °C^{-1}
Thermal Shock Resitance	ISO 10545-9	Resistant
Frost Resistance	ISO 10545-12	Compliant
Chemical Resistance		
Household Chemicals / Swimming Pool Salts	ISO 10545-13	Compliant
High Concetration of acid and alkalis	ISO 10545-13	Compliant
Stain Resistance	ISO 10545-14	Class 5
Color resistance to light	DIN 51094	No change in brightness or colour
Reaction to fire	Decision 96/603 CE	$A1\text{-}A1_{FL}$

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