

TECHNICAL SHEET

SERIES: Laminam 3+
PRODUCT: I Naturali
SIZE: 1000x3000 mm

Technical Characteristics
Dry Pressed Ceramic tiles with low water absorption – ($E_b \leq 0,5\%$) UGL

	Technical Characteristics	Measurement Method	LAMINAM Value
SURFACE DIMENSIONS AND QUALITY	LENGTH & WIDTH Acceptable average deviation (%) of the actual size of each tile from the manufacturing size.	Laminam	Max. deviation on the side +/- 0,5 mm
	DIAGONAL	Laminam	Difference between diagonals 2 mm
	SURFACE QUALITY	EN ISO 10545-2	Minimum 95% of the tiles tested must be free from visible defects
PHYSICAL PROPERTIES	WATER ABSORPTION	EN ISO 10545-3	$\leq 0,3 \%$
	MODULUS OF RUPTURE (R)	EN ISO 10545-4	Average value 50 N/mm ² (samples 200x300 mm)
	FROST RESISTANCE	EN ISO 10545-12	COMPLIANT
	THERMAL SHOCK RESISTANCE	EN ISO 10545-9	COMPLIANT
	DEEP ABRASION RESISTANCE	EN ISO 10545-6	$\leq 175 \text{ mm}^3$
	DENSITY OF THE MATERIAL	LAMINAM	8,2 Kg/sqm
	COEFFICIENT OF LINEAR THERMAL EXPANSION	EN ISO 10545-8	Average value $6,6 \cdot 10^{-6} \text{ }^\circ\text{C}$
	FIRE REACTION	EN 13501 (rev. 2005)	A2- s1, d0
CHEMICAL PROPERTIES	RESISTANCE TO HOUSEHOLD CHEMICALS AND SWIMMINGPOOL SALTS	EN ISO 10545-13	UA
	RESISTANCE TO HIGH OR LOW CONCENTRATION OF ACIDS OR BASES		ULB UHB
	RESISTANCE TO STAINING	EN ISO 10545-14	Min Class 4