

TECHNICAL SHEET

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