

TECHNICAL SHEET

**Laminam 3+**  
**1000x3000 mm**

**Technical Characteristics - ISO 13006:2018**  
**Dry Pressed Porcelain tiles with low water absorption – ( $E_v \leq 0,5\%$ ) UGL**

	Technical Characteristics	Measurement Method	LAMINAM Average Value
SURFACE DIMENSIONS AND QUALITY	<b>LENGTH &amp; WIDTH</b> Acceptable average deviation (%) of the actual size of each tile from the manufacturing size.	EN ISO 10545-2	Max. deviation on the side $\pm 0,5$ mm
	<b>DIFFERENCE BETWEEN DIAGONALS</b>	LAMINAM	Max $\pm 1,5$ 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	$E \leq 0.1\% * B_{la}$
	<b>MODULUS OF RUPTURE (R)</b>	EN ISO 10545-4	50 N/mm <sup>2</sup> * (samples 200x300 mm)
	<b>COEFFICIENT OF LINEAR THERMAL EXPANSION / <math>10^{-6}/^{\circ}C</math></b>	ISO 10545-8	6,6 *
	<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	$\leq 175$ mm <sup>3</sup>
	<b>WEIGHT</b>	LAMINAM	8,2 Kg/m <sup>2</sup>
CHEMICAL PROPERTIES	<b>RESISTANCE TO HOUSEHOLD CHEMICALS AND SWIMMINGPOOL SALTS</b>	EN ISO 10545-13	A
	<b>RESISTANCE TO HIGH OR LOW CONCENTRATION OF ACIDS OR BASES</b>		Min LB Min HB
	<b>RESISTANCE TO STAINING</b>	EN ISO 10545-14	Min. Class 4

\*value relating to the ceramic part only

