

TECHNICAL SHEET

**Laminam 12+**

**FULL SIZE 1620x3240 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	LENGTH & WIDTH	LAMINAM	Minimum size: $\geq 1630 \times 3250$ mm (full size untrimmed)	
	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	$E \leq 0.1\% * B_{Ia}$	
	MODULUS OF RUPTURE (R)	EN ISO 10545-4	50 N/mm <sup>2</sup> * (samples 400x800 mm)	
	BREAKING STRENGTH (S)	EN ISO 10545-4	$> 4.000$ N * (samples 400x800 mm)	
	COEFFICIENT OF LINEAR THERMAL EXPANSION / $10^{-6}/^{\circ}C$	ISO 10545-8	6,6 *	
	FROST RESISTANCE	EN ISO 10545-12	COMPLIANT *	
	THERMAL SHOCK RESISTANCE	EN ISO 10545-9	COMPLIANT *	
	DEEP ABRASION RESISTANCE	EN ISO 10545-6	$\leq 175$ mm <sup>3</sup>	
	WEIGHT	LAMINAM	30 Kg/m <sup>2</sup>	
	FIRE REACTION	EN 13501	A2-s1, d0	
CHEMICAL PROPERTIES	RESISTANCE TO HOUSEHOLD CHEMICALS	EN ISO 10545-13	<b>MATTE</b>	<b>POLISHED</b>
			A	A
	RESISTANCE TO HIGH OR LOW CONCENTRATION OF ACIDS OR BASES		Min LB	Min LC
			Min HB	Min HC
RESISTANCE TO STAINING	EN ISO 10545-14	Min Class 4	Min Class 2	

\*value relating to the ceramic part only

