



**HAPPY FLOORS**

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# PASADENA

TECHNICAL CHARACTERISTICS		REFERENCE STANDARD	REQUIRED VALUE	AV. MANUFACTURE VALUE	
	DIMENSIONS	ISO 10545-2	Compliant	Compliant	
	WATER ABSORPTION	ISO 10545-3	≤0,5 %	<0,1%	
	MODULUS OF RUPTURE	ISO 10545-4	MODULUS OF RUPTURE R ≥ 35 N/mm <sup>2</sup> BREAKING STRENGTH S ≥ 1300 N	R > 50 N/mm <sup>2</sup> S > 2500 N	
	SCRATCH RESISTANCE	ISO 10545-7	0 - V	IV	
	LINEAR THERMAL EXPANSION	ISO 10545-8	≤ 9x10 <sup>-5</sup> °C <sup>-1</sup>	6x10 <sup>-5</sup> °C <sup>-1</sup>	
	THERMAL SHOCK RESISTANCE	ISO 10545-9	Resistant	Resistant	
				MANUFACTURE	
	FROST RESISTANCE	ISO 10545-12	Resistant	Resistant	
	ACID AND ALKALI RESISTANCE	ISO 10545-13	CLASS GB MIN.	Low concentration GLA High concentration GHA	
	CHEMICAL RESISTANCE	ISO 10545-13	CLASS GB MIN.	GA	
	STAIN RESISTANCE	ISO 10545-14	CLASS MIN.	5	
	FRICTION COEFFICIENT (SLIPPERINESS)	CTE - Spain UNE-EN 12635-2003		ASTM - USA ASTM C1028	DIN - Germania DIN 51130
		Clase 1	15 < Rd ≤ 35	Dry neolythe 0,65	Wet neolythe 0,60
THE PRODUCTS HA THE UNI CEN STANDARDS "FULL WITRIFIED TILES"		< 0,5% ARE CLASSIFIED ACCORDING ASTM STANDARDS "IMPERVIOUS			



MADE IN SPAIN

