

TECHNICAL SHEET

REFERENCED RULES:

ISO-13006:2012 and UNE EN 14411:2013

TYPE OF PRODUCT:

DRY-PRESSED CERAMIC TILES, WITH WATER ABSORPTION
Eb ≤ 0,5% TYPE POCELAIN

GROUP:

B1a – GL

USE:

FOR WALLS AND FLOORING, INTERNAL AND EXTERNAL



PRODUCTION BATCH:

26/10/18

	Characteristics	Test Method	Requirements	Values Compliance By APAVISA
DIMENSIONAL AND SURFACE QUALITY				
	LENGTH AND WHIDTH	EN ISO 10545-2	± 0,6% ó ± 2,0 mm	±0,2%
	STRAIGHTNESS OF SIDES	EN ISO 10545-2	± 0,5% ó ± 1,5 mm	±0,2%
	RECTANGULARITY	EN ISO 10545-2	± 0,5% ó ± 2,0 mm	±0,2%
	SURFACE FLATNESS	EN ISO 10545-2	± 0,5% ó ± 2,0 mm	±0,2%
	THICKNESS	EN ISO 10545-2	± 5,0% ó ± 0,5 mm	±5,0%
PHYSICAL PROPERTIES				
	WATER ABSORPTION	EN ISO 10545-3	E _b < 0,5%	E _b < 0,1%
	BREAKING STRENGTH	EN ISO 10545-4	Mínimum 700 N	≥ 1200 N
	FLESURAL TENSILE STRENGTH	EN ISO 10545-4	Mínimum 35 N/mm ²	≥ 44 N/mm ²
	LINEAR THERMAL EXPANSION	EN ISO 10545-8	Declared Value	6.1-6.9x10 ⁻⁶ (°C ⁻¹)
	THERMAL SHOCK RESISTANCE	EN ISO 10545-9	Required	PASS
	FROST RESISTANCE (Internal and external use)	EN ISO 10545-12	Required	PASS
	BOND STRENGTH / ADHESION (Cementitious adhesives)	EN 12004:2007 + A1:2012, 4.1	Declared Value	Type C2 >1 N/mm ²
	REACTION TO FIRE		Class A1 FL/A1	A1FL/A1
CHEMICAL PROPERTIES				
	CHEMICAL RESISTANCE - household chemicals and swimming pool slats	EN ISO 10545-13	Mínimum GB	GA
	RESISTANCE TO STAINING - Glazed tiles	EN ISO 10545-14	Mínimum 3	5

It is advisable to follow the instructions for fixing and cleaning maintenance published by APAVISA PORCELANICO, S.L, fulfilling the legal or regulatory requirements that may exist for each area of use in any case. Tests values on the indicated production batch.