

PORCELAIN TILES TECHNICAL PROPERTIES

DRY PRESSED CERAMIC TILES WITH WATER ABSORPTION LOWER THAN 0,5 %

GROUP BIa, Annexe G

ISO 13006, UNE-EN 14411

Products: Slimtop 12mm slabs
Slimtop 6mm slabs
Slimtop 4mm slabs

TEST	STANDARD	REQUIREMENTS	RESULTS*
Water absorption	EN-ISO 10545-3	$E \leq 0,5\%$	$E \leq 0,5\%$
Modulus of rupture (N/mm ²)	EN-ISO 10545-4	Min.35	Resists
Breaking strength (N) Thickness & 7mm	EN-ISO 10545-4	Min. 700	Resists
Breaking strength (N) Thickness > 7mm	EN-ISO 10545-4	Min. 1.300	Resists
Resistance to surface abrasion	EN-ISO 10545-7	De 1 a 5	3 to 5
Scratch hardness of surface according to Mohs	EN 101	Min.5	5 to 9
Crazing resistance	EN-ISO 10545-11	Required	Resists
Frost resistance	EN-ISO 10545-12	Required	Resists
Resistance to low concentrations of acids and alkalis	EN-ISO 10545-13	Manufacturer to state classification	GLA
Resistance to household chemicals and swimming pool salts	EN-ISO 10545-13	Min.GB	GA
Resistance to staining	EN-ISO 10545-14	Min.Class 3	5
Reaction to fire	UNE-EN 13501-1:2007 +A1:2010	Manufacturer to state classification	**A1 – A1_{FL}
Reaction to fire	AS / ISO 9705-2003	Manufacturer to state classification	**Group I
Dimensions	EN-ISO 10545-2		
Length and width:			
- Deviation of the average size for each tile from the work size		$\pm 0'6\% / \pm 2,0 \text{ mm}$	$\pm 0'6\% / \pm 2,0 \text{ mn}$
- Straightness of sides		$\pm 0'5\% / \pm 1,5 \text{ mm}$	$\pm 0'5\% / \pm 1,5 \text{ mn}$
- Rectangularity		$\pm 0'6\% / \pm 2,0 \text{ mm}$	$\pm 0'6\% / \pm 2,0 \text{ mn}$
- Surface flatness		$\pm 0'5\% / \pm 2,0 \text{ mm}$	$\pm 0'5\% / \pm 2,0 \text{ mn}$

GResults obtained from the checked samples

** Not combustible, does not contribute to the spread of fire