

Product Data Sheet

Porcelain Stoneware Slabs – UGL – Group Bla according to EN 14411 Encl. G/ISO13006 Encl. G

Collection: SapienStone

Porcelain stoneware classifiable for interior/exterior both commercial and residential applications, according to standard EN14411, as group Bla.

Frost-proof slabs that resists chemical attacks, achieved through dry forming of high-quality bodies made up of natural raw materials (kaolin minerals, feldspars), spray-dried, mixed.

The slabs are made mechanically resistant through a sintering process at very high temperatures.

PHYSICAL PROPERTIES	TEST METHOD	Required Standards according to ISO 13006 Encl. G	Average values of production
Water absorption	ISO 10545-3	$\leq 0,5 \%$	$\leq 0,1\%$
Thickness	ISO 10545-2	$\pm 5 \%$	$\pm 5 \%$
Surface flatness		$\pm 0,5 \%$	$\pm 0,2\%$
Modulus of rupture (R)	ISO 10545-4	$\geq 35 \text{ N/mm}^2$	48 N/mm^2
Resistance to deep abrasion	ISO 10545-6	Max 175 mm^3	140 mm^3
Coefficient of linear thermal expansion	ISO 10545-8	$\leq 9 \times 10^{-6} \text{ K}^{-1}$	$6,5 \times 10^{-6} \text{ K}^{-1}$
Thermal shock resistance	ISO 10545-9	Test method available	Resistant
Frost resistance	ISO 10545-12	Requested	Compliant
Chemical resistance ** - Household Chemical - Swimming Pool Salts	ISO 10545-13	Min. Class B	Compliant
Stain resistance	ISO 10545-14	Test method available $1 < X \leq 5$	Compliant
Reaction to fire	Decision 96/603 CE	Test absent	Class A1 – A1 _{FL}

(**) With the exception of HYDROFLUORIC acid (HF) or its derivatives and compounds.

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