
















TECNICAL FEATURES-COMPLIANT WITH STANDARDS EN 14411 (ISO 13006) ANNEX G GROUP BLA

TECHNICAL FEATURE		TEST METHOD	REQUIRED STANDARDS	09315 PORCELAIN TILE SHINE
Fire Resistance		CEE DECISION 96/603 AND ITS AMENDEMENTS	Fireproof	CLASS A1
Nontoxic Determination of the sale of lead and cadmium		ISO 10545/15-00	Test method available	Conforms
Index of radioactivity		UNI 10797:1999	Class A $I \leq 1,3 - I \leq 1,0$ Class B $I \leq 1,9 - I \leq 1,3$	Non-radioactive
Size characteristics		ISO 10545-2	Length and width $\pm 0,6\%$ Thickness $\pm 5\%$ Wedging $\pm 0,6\%$ Flatness $\pm 0,5\%$	$\pm 0,3\%$ $190\text{cm}^2 - \text{Super} 410\text{cm}^2$ $\pm 0,3\%$ $\pm 3\%$ $\pm 2\%$ Ground to size $\pm 0,15\%$ $\pm 0,3\%$
Water absorption		ISO 10545-3	$E \leq 0,5\%$	$E \leq 0,2\%$
Breaking strength		ISO 10545-4	$\geq 35 \text{ N/mm}^2 \text{ min.}$ $\geq 355 \text{ kg/cm}^2$	$\geq 50 \text{ N/mm}^2$ $\geq 510 \text{ kg/cm}^2$
Impact resistance - Coefficient of restitution		ISO 10545-5	Test method available	$> 0,80$
Frost proof		ISO 10545-12	Request	Resistant
Linear thermal expansion coefficient		ISO 10545-8	Test method available	$\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
Resistance to thermal shocks		ISO 10545-9	Test method available	Resistant
Moisture expansion: in mm/m		ISO 10545-10	Test method available	$\leq 0,06\%$
Crazing resistance (glazed tiles)		ISO 10545-11	Request	Resistant
Resistance to chemicals		ISO 10545-13	Glazed Tiles According to manufacturer's classification	Class GLC
Resistance to household chemicals		ISO 10545-13	Glazed tiles $\geq \text{GB}$	UA Resistant
Stain resistance		ISO 10545-14	Glazed tiles Class ≥ 3	≥ 4







TYPE	GLAZED PORCELAIN
SIZES	THICKNESS.
17 ^{7/16} x34 ^{15/16}	7 ^{7/16}
23 ^{1/4} x23 ^{1/4}	7 ^{7/16}
17 ^{7/16} x17 ^{7/16}	7 ^{3/8}
8 ^{11/16} x34 ^{15/16}	7 ^{7/16}
11 ^{5/8} x23 ^{1/4}	7 ^{7/16}



Member



TECHNICAL CHARACTERISTICS GLAZED PORCELAIN ANSI 137.1

TECHNICAL CHARACTERISTICS		TEST METHOD	ANSI 137.1 Values required for glazed impervious porcelain tiles	VALUES GLAZED PORCELAIN
Water absorption (E)		ASTM C373	$E \leq 0,5\%$	Conforms
Breaking strength (S)		ASTM C648	$\geq 250 \text{ Lbs}$	Conforms
Linear thermal expansion coefficient		ASTM C372	Not required	$\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4,4 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
Frost proof		ASTM C1026	No alterations	Resistant
Resistance to chemicals		ASTM C650	Not required	Resistant
Stain resistance		CTI 81-7 Annex D	Not required	Resistant

All Novabell products meet or exceed all standards in ANSI A 137.1

Due to the inherent nature of fired porcelain tile, it is important to note that the coefficient of friction may vary within and between product runs.

Frost-resistant

Made in Italy



NovaBell
Ceramiche Gruppo Bellei

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