

Tender specifications | REVEL collection - Zero.3

Technical features

Product type: laminated porcelain stoneware (UGL)

According to: ISO 13006-G (Group Bla), EN 14411-G (Group Bla)

Technical features		Test method	Required values EN 14411-G / ISO 13006-G Bla-UGL Group	Average values REVEL Zero.3 6mm
Water absorption		ISO 10545-3	≤ 0,5%	0,1%
Modulus of rupture		ISO 10545-4	≥ 35 N/mm ²	45 N/mm ²
Deep abrasion resistance		ISO 10545-6	≤ 175 mm ³	COMPLIANT
Linear thermal expansion		ISO 10545-8	No provision	$\alpha \leq 7 \cdot 10^{-6} \text{ }^{\circ}\text{C}^{-1}$
Stain resistance		ISO 10545-14	Class 3 Min.	5 RESISTANT
Chemical resistance (*)		ISO 10545-13	As indicated by manufacturer	LA, HA RESISTANT
Frost resistance		ISO 10545-12	No alteration	RESISTANT
Dimensions	Lenght and width	ISO 10545-2	RECT ± 0,3%, max ± 1 mm	COMPLIANT
	Straightness of sides	ISO 10545-2	RECT ± 0,3%, max ± 0,8 mm	COMPLIANT
	Rectangularity	ISO 10545-2	RECT ± 0,3%, max ± 1,5 mm	COMPLIANT
	Warpage	ISO 10545-2	RECT ± 0,4%, max ± 1,8 mm	COMPLIANT
	Thickness	ISO 10545-2	± 5% ± 0,5 mm	COMPLIANT
Slip resistance		DIN EN 16165 - Annex B	-	R9 (NATURALE)
		BCR-TORTUS	-	μ > 0,40 (NATURALE)
		ANSI A326.3	-	ID - DCOF ≥ 0.42 (Dry): NATURALE IW - DCOF ≥ 0.42 (Wet): NATURALE
Shade variation		ANSI A137.3	As indicated by manufacturer	V3
Fire reaction		EN 13823	CPR (UE) 305/2011, 2000/147/CE, UNI EN 13501-1	Class A1 (wall)
		EN 9239-1		Class A1 _n (floor)
Thermal conductivity		EN 12524	-	λ = 1,3 W/m °K
Recommended minimum joint (**)		Indoor	-	1 mm (wall) 2 mm (floor)
		Outdoor	-	5 mm (wall)

(*) Excluding hydrofluoric acid and its derivatives.

(**) The width of grout joints must be established by the installation supervisor, unless grout widths are regulated by national laying standards.