

Ceramica Faetano SpA Technical Characteristics

ESPRESSIONE Collection

EN 14411:2016 Annex L Required for BIII

Ceramic wall tiles

Reference		Characteristics	Standard	Required values		CdC Values:
Dimensional standard		Length and width	ISO 10545-2	± 0.5%	± 2.0 mm	Comply
		Straightness of sides	ISO 10545-2	± 0.3%	± 1.5 mm	Comply
		Rectangularity	ISO 10545-2	± 0.5%	± 2.0 mm	Comply
		Flatness-Centre curvature	ISO 10545-2	+0.5% -0.3%	+ 2.0 mm -1.5 mm	Comply
		Flatness - Edge curvature	ISO 10545-2	+0.5% -0.3%	+ 2.0 mm -1.5 mm	Comply
		Flatness - Warpage	ISO 10545-2	± 0.5%	± 2.0 mm	Comply
		Thickness	ISO 10545-2	± 10%	± 0.5 mm	Comply
		Surface quality	ISO 10545-2	Minimum 95%		Comply
Mechanical Standard		Water absorption	ISO 10545-3	>10%.		Comply
		Modulus of rupture	ISO 10545-4	≥ 12 N/mm ²		Comply
		Breaking Strength	ISO 10545-4	≥ 600 N		Comply
		Thermal shock resistance	ISO 10545-9	Pass		Comply
		Crazing Resistance	ISO 10545-11	Pass		Comply
		Chemical resistance	ISO 10545-13	Minimum class GB		Comply
		MOHS	Declared value			Mohs ≥5
Safety Standard	International requirements	Stain resistance	ISO 10545-14	Minimum class 3		Comply
		Fire reaction - wall	EN 13823	Not Required		A1 class (No reaction)
		VOC				No VOC



Values reflect an average among test performed in our laboratory according to the standard requirements and/or through third party laboratory.

Test are performed on actual production, first choice material. Values may vary between single individual production run.

Ceramica del Conca Technical team will be pleased to integrate and answer specific questions.



Ceramica Faetano S.p.a.

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