

THE MOSAIC FACTORY

Certificate of Conformity

Product: Glazed porcelain mosaic TMF® Barcelona collection, Rectangle
Country of Origin: CN
Type designation: AF45xxx / AM45xxx

Technical Data: Dry-pressed ceramic tiles for floorings and wall finishes, interior and exterior, with low water absorption $E_b < 0.5\%$, Group B I a, flat, Rough, glazed 195mm x 48mm

Name of product	Glazed Mosaic	Nominal size (N)	45x145mm
Nature of the surface	Glazed (GL)	Work size	45x145x 6,5mm
Group	B I a	Intended use	Floorings and wall finishes Interior and exterior

Image:



The above product has been tested for CE marking according to:

EN 14411:2016 *Ceramic tiles – Definition, classification, characteristics, assessment and verification of constancy of performance and marking*

Clause	Properties	Test Method	Requirements	Results	Verdicts
A	Dimensions and surface quality				
	Length	EN ISO 10545-2:2018	±0,5mm	0,31 + 0,1mm	Pass
	Width	EN ISO 10545-2:2018	±0,5mm	0,11mm - 0mm	Pass
	Thickness	EN ISO 10545-2:2018	±0,5mm	0 - 0,1mm	Pass
B	Physical properties				
	Water absorption	EN ISO 10545-3:2018	<0,5%	<0,21%	Pass
	Breaking strength in N	EN ISO 10545-4:2019	>700	1225	Pass
	Modulus of rupture, in Mpa	EN ISO 10545-4: 2019	Minimum 35	65	Pass
	Thermal shock resistance	EN ISO 10545-9:2013	Pass	Fully resistance	Pass
	Crazing resistance Glazed tiles	EN ISO 10545-11:1996	Pass	Fully resistance	Pass
C	Chemical properties				
	Frost resistance	EN ISO 10545-12:1997	Pass	Fully resistance	Pass
	Resistance to staining	EN ISO 10545-14:2015	Minimum Class 3	Class 5	Pass
	Resistance to chemicals	EN ISO 10545-13:2016	Minimum Class B	Class A	Pass