THE MOSAIC FACTORY

Certificate of Conformity

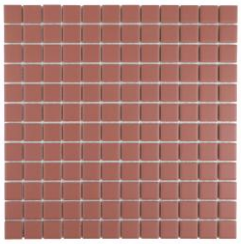
Product: Glazed porcelain mosaic TMF® Patterns collection
Country of Origin: CN
Type designation: SM23xxx

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, smooth, glazed 23 mm x 23mm

Name of product	Glazed Mosaic
Nature of the surface	Glazed (GL)
Group	B I a

Nominal size (N)	23x23mm
Work size	23x23x5,5mm
Intended use	Flooring 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	±0,5mm	-0,2 mm - 0	Pass
	Width	EN ISO 10545-2	±0,5mm	-0,2mm - 0	Pass
	Thickness	EN ISO 10545-2	±0,5mm	0,0~+0,1mm	Pass
B	**Physical properties**				
	Water absorption	EN ISO 10545-3	<0,5%	<0,15%	Pass
	Breaking strength in N	EN ISO 10545-4	>700	989	Pass
	Modulus of rupture, in Mpa	EN ISO 10545-4	Minimum 35	55	Pass
	Resistance to abrasion	EN ISO 10545-7	Pass	600	Pass
	Thermal shock resistance	EN ISO 10545-9	Pass	Fully resistance	Pass
	Crazing resistance Glazed tiles	EN ISO 10545-11	Pass	Fully resistance	Pass
	Frost resistance	EN ISO 10545-12	Pass	Fully resistance	Pass
	Slipperiness	DIN 51130		22,3º	R11
		DIN 51097		>24º	C
		BS 7976	PTV Slider 96 dry	~62	
			PTV Slider 96 wet	~48	
			PTV Slider 55 dry	~95	
			PTV Slider 55 wet	~42	
C	**Chemical properties**				
	Resistance to staining	EN ISO 10545-14	Minimum Class 3	Class 5	Pass
	Resistance to chemicals	EN ISO 10545-13	Minimum Class B	Class A	Pass

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