

# KERAMA MARAZZI

Limited Liability Company "Kerama Marazzi"  
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## TECHNICAL SPECIFICATION

Collection	Trade mark	Size (cm)	Thickness (mm)
MATRIX	KERAMA MARAZZI	9,9x9,9	7

<b>Nominal size (N):</b> 9,9x9,9 cm assembled in sheet of 30x40 cm (12 pieces)	
<b>Work size (W) :</b> 99 x 99 mm	
1316	Matrix light
1317	Matrix light beige
1320	Matrix grey
1321	Matrix dark grey
1322	Matrix anthracite

**Corresponds with standard EN 14411:2016 group BIa**

**Corresponds with standard Technical Conditions TC 23.31.10-012-04693313-2017**

**Intended for internal and external floorings & wall finishes**

Technical Features	Testing Method	Meas. unit	Standard	Actual average values
<b>PHISICAL PROPERTIES</b>				
Water absorption	EN ISO 10545-3	(%)	$E_b \leq 0.5$	0.2
Breaking strength	EN ISO 10545-4	(N)	not less 700	1400
Modulus of rupture	EN ISO 10545-4	(N/mm <sup>2</sup> )	min 35	42
Resistance to surface abrasion	EN ISO 10545-7	(class)	1 min – 5 max	4
Thermal shock resistance	EN ISO 10545-9		withstand	satisfy
Crazing resistance	EN ISO 10545-11		withstand	satisfy
Frost resistance	EN ISO 10545-12	(cycles)	not less 100	150
<b>CHEMICAL PROPERTIES</b>				
Resistance to chemicals for household use and swimming pool salts	EN ISO 10545-13		min GB	GA
Resistance to low concentration acids and bases	EN ISO 10545-13		specified by the manufacturer	GLA
Stain resistance	EN ISO 10545-14		min class 3	satisfy
<b>ANTISLIPPERY PROPERTIES</b>				
Slipperiness Resistance	DIN 51130		specified by the manufactureer	R10
Slipperiness Resistance	DIN 51097		specified by the manufactureer	B

**Manufactured by the company LLC "Kerama Marazzi"**

5, Italienskaya st., Orel, Russia, 302024



Certification and standardization engineer

Krylova O.V.