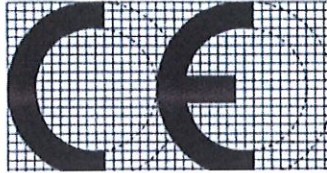




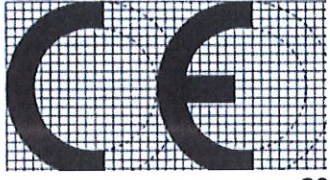
# MARMOSIM

Address: 24 Cuza Vodă Str., 335900, Simeria (HD) - România  
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 Web: www.marmosim.ro ■ VAT no.: RO2150373 ■ Bank: RAIFFEISEN BANK Deva ■ IBAN: R089 RZBR 0000 0600 0226 6554

 2013	Reference Standard: <b>EN 1469</b>	
	Product: <b>Slabs and tiles</b>	
Denomination: <b>RUȘCHIȚA, Marble</b> <i>Rușchița Quarry, Rusca - Montană, Caraș – Severin, România</i>		
Source of data: <b>i-Stone Report</b>		
End Uses: : <b>Internal / External Wall and Ceiling Finishes</b>		
MARMOSIM SA, 24 Cuza Vodă Str., 335900, Simeria (HD) - România		
Characteristics	Declared values	Test method
Apparent density	Mean: 2704 kg/m <sup>3</sup> E+: x E-: x Standard Deviation: 4	EN 1936 (1999)
Porosity	Mean: 0.3 V% E+: x E-: x Standard Deviation: 0.0	EN 1936 (1999)
Capillarity C <sub>1</sub> (⊥)	Mean: 0.514 g/m <sup>2</sup> .vs E+: x E-: x Standard Deviation: 0.218	EN 1925 (1999)
Capillarity C <sub>2</sub> (//)	Mean: 0.000 g/m <sup>2</sup> .vs E+: x E-: x Standard Deviation: 0.000	EN 1925 (1999)
Flexural strength	Mean: 16.4 MPa E+: x E-: 13.2 Standard Deviation: 1.6	EN 12372 (1999)
Rupture energy	Mean: 5 J E+: x E-: 4 Standard Deviation: 0	EN 14158 (2004)
Abrasion - Capon	Mean: 21.8 mm E+: 23.0 E-: x Standard Deviation: 0.5	EN 14157 (2004)
Abrasion - Böhme	Mean: 17.9 cm <sup>3</sup> /50cm <sup>2</sup> E+: 18.4 E-: x Standard Deviation: 0.2	EN 14157 (2004)
Abrasion - Amsler	Mean: 4.26 mm/1000m E+: 5.47 E-: x Standard Deviation: 0.38	EN 14157 (2004)
Salt crystallisation	Mean: 0.1 m%	EN 12370 (1999)



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MARMOSIM SA, 24 Cuza Vodă Str., 335900, Simeria (HD) - România		
Characteristics	Declared values	Test method
	E+: 0.0 E-: 0.0 Standard Deviation: 0.0	
Resistance to SO <sub>2</sub> - Sol. A	Mean: -0.1m% E+: x E-: 0.0 Standard Deviation: 0.0	EN 13919 (2003)
Resistance to SO <sub>2</sub> - Sol. B	Mean: 0.0 m% E+: x E-: 0.0 Standard Deviation: 0.0	EN 13919 (2003)
Thermal shocks - Mass	Mean: 0.0 m% E+: x E-: 0.0 Standard Deviation: 0.0	EN 14066 (2003)
Thermal shocks - E-mod	Mean: -62.9 % E+: x E-: 0.0 Standard Deviation: 11.6	EN 14066 (2003)
Frost resistance - DIN	Mean: 0.0 m% E+: x E-: x Standard Deviation: 0.0	DIN 52 104 (1976)
Frost resistance (650 mmHg)- NBN	Resistant	NBN 27-009 (1983)
Frost resistance (400 mmHg)- NBN	-	NBN 27-009 (1983)
Frost resistance - EN	Nc = 28	EN 12371 (2001)