

RUIVINA LIGHT



GENERAL INFO

Material Type:	Marble
Country of Origin:	PORTUGAL
Other Names:	
Petrografic Description:	N/A
Macroscopic Description:	N/A

PHISICAL-MECHANICAL PROPERTIES

Compression Breaking Load:	930 Kg/cm ²
Compression B.L. after Freezing Test:	952 Kg/cm ²
Bending Strength:	270 Kg/cm ²
Volumetric Weigth:	2715 Kg/m ³
Water Absorption:	0,05 %
Apparent Porosity:	0,14 %
Thermal Linear Expansion Coefficient:	5,4 10 ⁶ per °C
Abrasion Test:	2,6 mm
Impact Test:	50 cm
Freeze-Defreeze cycles (no alteration after):	48 cycles

MICROSCOPIC PROPERTIES

Calcite:	~98 %	Quartz:	< 1%
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CHEMICAL ANALYSIS

Al₂O₃:	0,36%
CaO:	55,07%
Fe₂O₃:	0,09%
K₂O:	0,12%
MgO:	0,18%
Na₂O:	0,05%
P.R.:	43,42%
SiO₂:	1,07%
CO₂:	43,42%
P₂O₅:	0,03%