



dimpomar
ROCHAS PORTUGUESAS, LDA.



ROSA AURORA CLARO
(light marble)

GENERAL INFO

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

PHISICAL-MECHANICAL PROPERTIES

Compression Breaking Load:	870 Kg/cm ²
Compression B.L. after Freezing Test:	950 Kg/cm ²
Bending Strength:	124 Kg/cm ²
Volumetric Weigth:	2720 Kg/m ³
Water Absorption:	0,1 %
Apparent Porosity:	0,2 %
Thermal Linear Expansion Coefficient:	7,3 10 ⁶ per °C
Abrasion Test:	3,7 mm
Impact Test:	50 cm
Freeze-Defreeze cycles (no alteration after):	25 cycles

MICROSCOPIC PROPERTIES

Calcite: ~ 99 %

CHEMICAL ANALYSIS

Al₂O₃:	0,56%
CaO:	54,37%
Fe₂O₃:	0,12%
K₂O:	0,15%
MgO:	0,62%
Na₂O:	0,05%
P.R.:	43,15%
SiO₂:	0,89%
CO₂:	43,35%