



dimpomar
ROCHAS PORTUGUESAS, LDA.



ROSA AURORA CLASSIC
(light marble with pink veins)

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:	970 Kg/cm ²
Compression B.L. after Freezing Test:	950 Kg/cm ²
Bending Strength:	243 Kg/cm ²
Volumetric Weigth:	2718 Kg/m ³
Water Absorption:	0,07 %
Apparent Porosity:	0,2 %
Thermal Linear Expansion Coefficient:	7,3 10 ⁶ per °C
Abrasion Test:	2,0 mm
Impact Test:	50 cm
Freeze-Defreeze cycles (no alteration after):	25 cycles

MICROSCOPIC PROPERTIES

Calcite: ~ 99 %

CHEMICAL ANALYSIS

Al₂O₃:	0,29%
CaO:	43,81%
Fe₂O₃:	0,11%
K₂O:	0,08%
MgO:	0,89%
Na₂O:	0,05%
P.R.:	43,36%
SiO₂:	0,60%
CO₂:	43,81%