



dimpomar
ROCHAS PORTUGUESAS, LDA.



ROSAL FLEURI
(beige limestone)

GENERAL INFO

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

PHISICAL-MECHANICAL PROPERTIES

Compression Breaking Load:	930 Kg/cm ²
Compression B.L. after Freezing Test:	870 Kg/cm ²
Bending Strength:	126 Kg/cm ²
Volumetric Weigth:	2520 Kg/m ³
Water Absorption:	2,3 %
Apparent Porosity:	5,9 %
Thermal Linear Expansion Coefficient:	5,3 10 ⁶ per °C
Abrasion Test:	4,0 mm
Impact Test:	40 cm
Freeze-Defreeze cycles (no alteration after):	48 cycles

MICROSCOPIC PROPERTIES

Calcite: ~100 %

CHEMICAL ANALYSIS

Al₂O₃:	0,54%
CaO:	55,86%
CO₂:	43,95%
Fe₂O₃:	0,06%
K₂O:	0,07%
MgO:	0,10%
Na₂O:	0,06%
P.R.:	43,60%
SiO₂:	0,07%