



dimpomar
ROCHAS PORTUGUESAS, LDA.



ROSAL CD
(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:	490 Kg/cm ²
Compression B.L. after Freezing Test:	440 Kg/cm ²
Bending Strength:	94 Kg/cm ²
Volumetric Weigth:	2310 Kg/m ³
Water Absorption:	5,5 %
Apparent Porosity:	12,6 %
Thermal Linear Expansion Coefficient:	3,3 10 ⁶ per °C
Abrasion Test:	9,3 mm
Impact Test:	25 cm
Freeze-Defreeze cycles (no alteration after):	48 cycles

MICROSCOPIC PROPERTIES

Calcite: ~100 %

CHEMICAL ANALYSIS

Al₂O₃:	0,25%
CaO:	55,37%
CO₂:	43,82%
Fe₂O₃:	0,05%
K₂O:	Vest
MgO:	0,34%
Na₂O:	0,07%
P.R.:	43,88%
SiO₂:	0,07%