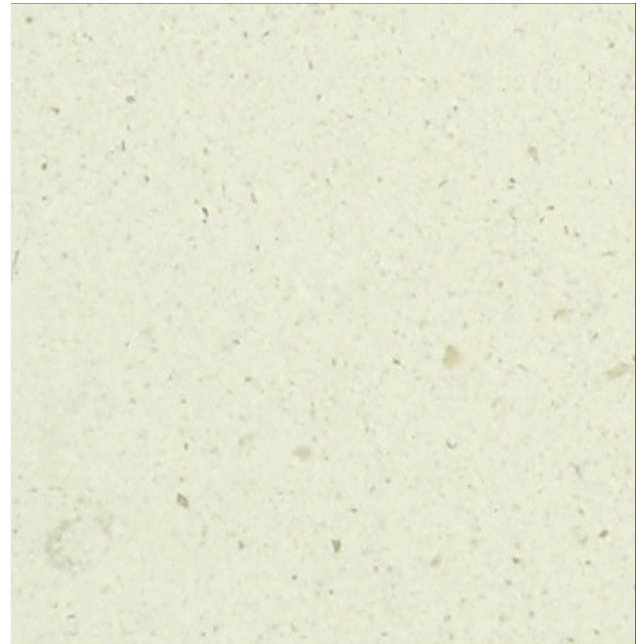




dimpomar
ROCHAS PORTUGUESAS, LDA.



ROSAL AR
(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:	550 Kg/cm ²
Compression B.L. after Freezing Test:	560 Kg/cm ²
Bending Strength:	70 Kg/cm ²
Volumetric Weigth:	2350 Kg/m ³
Water Absorption:	5,1 %
Apparent Porosity:	12,0 %
Thermal Linear Expansion Coefficient:	5,7 10 ⁶ per °C
Abrasion Test:	5,9 mm
Impact Test:	35 cm
Freeze-Defreeze cycles (no alteration after):	25 cycles

MICROSCOPIC PROPERTIES

Calcite: ~100 %

CHEMICAL ANALYSIS

Al₂O₃:	0,49%
CaO:	55,46%
CO₂:	43,81%
Fe₂O₃:	0,06%
K₂O:	0,01%
MgO:	0,27%
Na₂O:	0,06%
P.R.:	43,85%
SiO₂:	0,06%

