



dimpomar
ROCHAS PORTUGUESAS, LDA.



BRANCO DO MAR
(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:	660 Kg/cm ²
Compression B.L. after Freezing Test:	700 Kg/cm ²
Bending Strength:	136 Kg/cm ²
Volumetric Weigth:	2370 Kg/m ³
Water Absorption:	4,8 %
Apparent Porosity:	11,4 %
Thermal Linear Expansion Coefficient:	3,8 10 ⁶ per °C
Abrasion Test:	6,4 mm
Impact Test:	30 cm
Freeze-Defreeze cycles (no alteration after):	25 cycles

MICROSCOPIC PROPERTIES

Calcite: ~100 %

CHEMICAL ANALYSIS

Al₂O₃:	0,10%
CaO:	55,91%
CO₂:	43,99%
Fe₂O₃:	0,05%
K₂O:	0,05%
MgO:	0,10%
Na₂O:	0,08%
P.R.:	43,82%
SiO₂:	0,22%