



dimpomar
ROCHAS PORTUGUESAS, LDA.



ENCARNADO NEGRAIS
(reddish marble)

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:	1430 Kg/cm ²
Compression B.L. after Freezing Test:	1150 Kg/cm ²
Bending Strength:	124 Kg/cm ²
Volumetric Weigth:	2700 Kg/m ³
Water Absorption:	0,2 %
Apparent Porosity:	0,4 %
Thermal Linear Expansion Coefficient:	4,3 10 ⁶ per °C
Abrasion Test:	2,0 mm
Impact Test:	55 cm
Freeze-Defreeze cycles (no alteration after):	60 cycles

MICROSCOPIC PROPERTIES

Calcite: ~ 100 %

CHEMICAL ANALYSIS

Al₂O₃:	0,00%
CaO:	54,70%
Fe₂O₃:	0,14%
K₂O:	0,02%
MgO:	0,74%
Na₂O:	0,07%
P.R.:	43,75%
SiO₂:	0,62%