



dimpomar
ROCHAS PORTUGUESAS, LDA.



GASCOIGNE BLUE
(blueish-grey 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:	1690 Kg/cm ²
Compression B.L. after Freezing Test:	1650 Kg/cm ²
Bending Strength:	147 Kg/cm ²
Volumetric Weigth:	2650 Kg/m ³
Water Absorption:	0,8 %
Apparent Porosity:	2,1 %
Thermal Linear Expansion Coefficient:	3,9 10 ⁶ per °C
Abrasion Test:	3,7 mm
Impact Test:	25 cm
Freeze-Defreeze cycles (no alteration after):	60 cycles

MICROSCOPIC PROPERTIES

Calcite: 100 %

CHEMICAL ANALYSIS

Al₂O₃:	0,51%
CaO:	55,58%
CO₂:	43,63%
Fe₂O₃:	0,60%
K₂O:	0,00%
MgO:	0,06%
Na₂O:	0,06%
P.R.:	41,87%
SiO₂:	0,50%