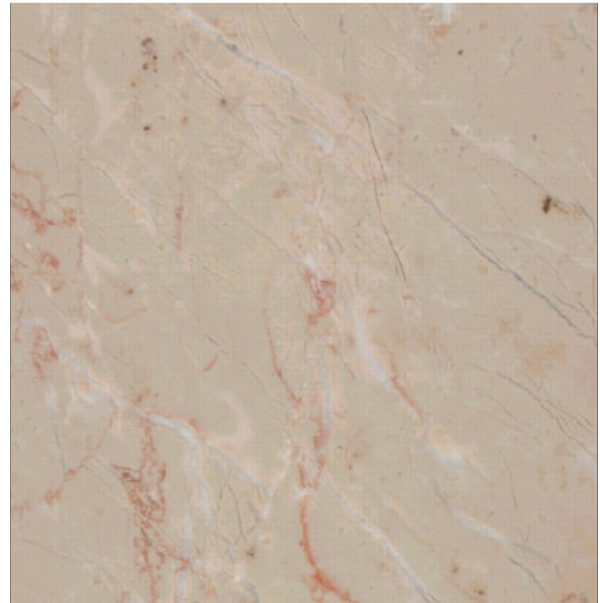




dimpomar
ROCHAS PORTUGUESAS, LDA.



ALPININA
(beige marble with calcite lines)

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:	1150 Kg/cm ²
Compression B.L. after Freezing Test:	960 Kg/cm ²
Bending Strength:	127 Kg/cm ²
Volumetric Weigth:	2700 Kg/m ³
Water Absorption:	0,2 %
Apparent Porosity:	0,5 %
Thermal Linear Expansion Coefficient:	4,3 10 ⁶ per °C
Abrasion Test:	1,9 mm
Impact Test:	45 cm
Freeze-Defreeze cycles (no alteration after):	48 cycles

MICROSCOPIC PROPERTIES

Calcite: ~ 100 %

CHEMICAL ANALYSIS

Al₂O₃:	0,67%
CaO:	54,79%
Fe₂O₃:	0,08%
K₂O:	0,12%
MgO:	0,52%
Na₂O:	0,05%
P.R.:	43,50%
SiO₂:	0,10%