

MARÍTIMA

(grey-brown marble with gold shades)



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:	1360 Kg/cm ²
Compression B.L. after Freezing Test:	1210 Kg/cm ²
Bending Strength:	112 Kg/cm ²
Volumetric Weigth:	2620 Kg/m ³
Water Absorption:	1,8 %
Apparent Porosity:	4,7 %
Thermal Linear Expansion Coefficient:	7,1 10 ⁻⁶ per °C
Abrasion Test:	1,8 mm
Impact Test:	45 cm
Freeze-Defreeze cycles (no alteration after):	48 cycles

MICROSCOPIC PROPERTIES

Dolomite:	~ 72 %	Calcite:	~ 28 %
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CHEMICAL ANALYSIS

Al ₂ O ₃ :	0,62%
CaO:	37,35%
Fe ₂ O ₃ :	0,11%
K ₂ O:	0,07%
MgO:	15,60%
Na ₂ O:	0,08%
P.R.:	46,05%
SiO ₂ :	0,07%