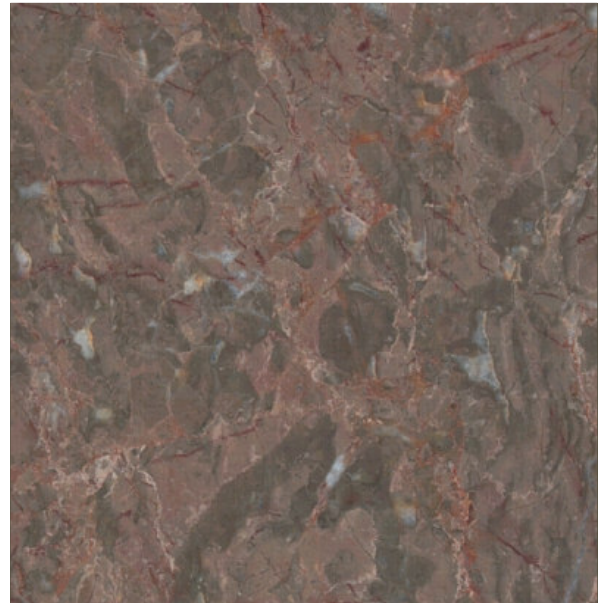




dimpomar
ROCHAS PORTUGUESAS, LDA.



BRECHA TAVIRA
(reddish-brown 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:	1166 Kg/cm ²
Compression B.L. after Freezing Test:	1225 Kg/cm ²
Bending Strength:	191 Kg/cm ²
Volumetric Weigth:	2704 Kg/m ³
Water Absorption:	0,24 %
Apparent Porosity:	0,65 %
Thermal Linear Expansion Coefficient:	5,9 10 ⁶ per °C
Abrasion Test:	2,2 mm
Impact Test:	35 cm
Freeze-Defreeze cycles (no alteration after):	60 cycles

MICROSCOPIC PROPERTIES

Calcite:	~ 58 %	Dolomite:	~ 42 %
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CHEMICAL ANALYSIS

Al₂O₃:	0,60%
CaO:	48,71%
Fe₂O₃:	0,35%
K₂O:	0,16%
MgO:	5,12%
Na₂O:	0,08%
P.R.:	43,90%
SiO₂:	0,90%
CO₂:	43,82%