

Comercial Name	BLANCO MACAEL
Category	marble



Properties

TEST	UNIT	NORM	RESULT
Flexural strength under concentrated load	MPa	UNE-EN 12.372	14.6
Slip resistance in wet	SRV	UNE-EN 14.231	1
Slip resistance in dry	SRV	UNE-EN 14.231	38
Abrasion resistance	mm	UNE-EN 14.157	17
Apparent density	Kg/m ³	UNE-EN 1.936	2710
Open porosity	%	UNE-EN 1.936	0.2
Water absorption	%	UNE-EN 13.755	0.1
Frost Resistance	%	UNE-EN 12.371	30.8
Frost Resistance	MPa	UNE-EN 12.371	9.9
Breaking load at dowel hole	N	UNE-EN 14.066	1650
Thermal shock resistance (change in mass)	%	UNE-EN 13.364	-0.01
Thermal shock resistance	%	UNE-EN 13.364	-21.0
Reaction to fire		UNE-EN 13501-1	A1,A1 _{fl}
Water vapour permeability (μ) dry		UNE-EN 12524	10000
Water vapour permeability (μ) wet		UNE-EN 12524	10000

Description

Calcitic marble with homogeneous structure in meso-scale. Any crystals that are present feature as a light patina. Its texture is grainblastic and inequigranular (crystals of 0,1 to 1,5 mm) with a xenotopic texture (anhedrals crystals).

Principal component is calcite 100% with opaques, quartz, mica and dolomite as incidental components.

Special Aspect

Blanco Macael is a marble from the Cosentino quarries in Almeria. It is a medium grained calcific marble, pure white, with a slight presence of grey marbling depending on the cut. It is renowned for its homogenous qualities.