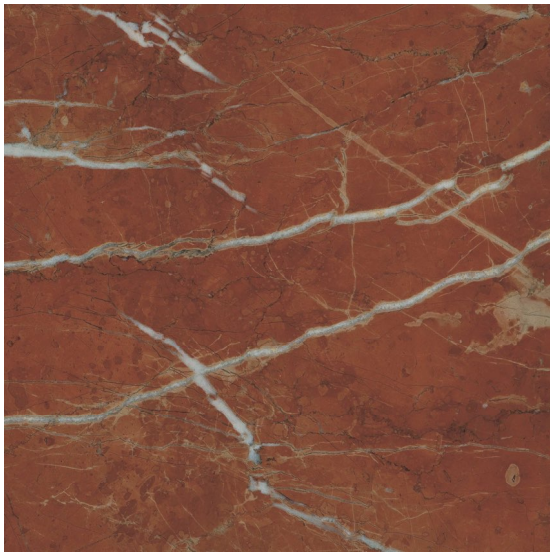


Trade Name	ROJO ALICANTE
Category	marble



Properties

TEST	UNIT	REGULATION	VALUES
Flexural strength under concentrated load	MPa	UNE-EN 12.372	12.6
Slip resistance in wet	SRV	UNE-EN 14.231	11
Slip resistance in dry	SRV	UNE-EN 14.231	41
Abrasion resistance	mm	UNE-EN 14.157	19
Apparent density	Kg/m ³	UNE-EN 1.936	2690
Open Porosity	%	UNE-EN 1.936	0.3
Water absorption	%	UNE-EN 13.755	*
Frost Resistance	%	UNE-EN 13.755	43
	MPa	UNE-EN 12.371	7.5
Thermal shock resistance (change in mass)	%	UNE-EN 14066	-0.03
Thermal shock resistance	%	UNE-EN 14066	-5.2
Breaking load at dowel hole	N	UNE-EN 13364	1700
Reaction to fire		UNE-EN 13501-1	A1,A1 _{fl}
Water vapour permeability (μ) dry		UNE-EN 12524	250
Water vapour permeability (μ) wet		UNE-EN 12524	200

*Pending test

Description:

Biomicrocritic. It contains ammonites and other unidentified macrofossils. Abundant red stylolites and any white calcite veins of centrimetric size. Carbonate sedimentary rock, mudstone texture mainly composed of micrite (90%), sparite (5-10%) with average grain size of 0.2 mm (<0,01-0,5) xenomorph, bioclasts (2-3 %) mainly calpionelids and filaments with an average size of 0.1 mm (<0,05-1 mm). Relatively abundant cracks filled with esparite of size <0,01-7 mm.

Special Aspect:

ROJO ALICANTE is a red coloured marble, with a fine grain and variable light reddish tones. Some occasional white veinage and some fossil remains including ammonites are presented. Its main variations depend normally on the intensity of the red colour, the abundance and varying sizes of the white veinage and the possibility of having greenish or yellowish coloured spots. Rojo Alicante is quarried in Murcia and is considered a hard natural stone.