

Commercial name: **TRUFFLE marble**

Indicative material's picture

Country of origin: Greece

Mineralogical composition:
Calcite 100%



Physico-mechanical properties - Indicative lab test results (*):

Apparent density	2660 kg/m ³		EN 1936
Open porosity	1,2 % vol.		EN 1936
Water absorption	At atmospheric pressure	0,2 % wt.	EN 13755
	Due to capillarity	0,595 g / (m ² x sec ^{0,5})	EN 1925
Flexural strength	11,2 MPa Minimum value expected: 6,5 MPa		EN 12372
Uniaxial compressive strength	195 MPa		EN 1926
Abrasion resistance	11 cm ³ / 50 cm ² (volume loss)		EN 14157-method B
Freeze-thaw resistance	Flexural strength after 48 freeze-thaw cycles	9,2 MPa	EN 12371 & EN 12372
Slip resistance	Mat surface	Polished	
	SRV _{DRY} = 53 SRV _{WET} = 13	SRV _{DRY} = 39 SRV _{WET} = 7	EN 14231
Resistance to ageing by thermal shock	Δρ (%): -14,3 (change in open porosity) ΔF (%): -17,4 (change in flexural strength)		EN 14066
Breaking load at dowel hole	1900 N Standard deviation: 800 N Minimum value expected: 433 N		EN 13364

(*): This information is based on our present knowledge out of laboratory tests and other information sources. However, this shall not constitute a guarantee for any specific batch of stone and shall not establish a legally valid contractual relationship.

Halandri, 30/7/2021