



## TECHNICAL DATA SHEET



Stone commercial name: **DIONYSSOS WHITE marble**

Country of origin: Dionyssos /Attica /Greece

Mineralogical composition: Calcite 97-98%, dolomite 2% (calcitic marble)

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

Apparent density	2710 - 2730 kgr/m <sup>3</sup>	(EN 1936)
Open porosity	0.3 % vol.	(EN 1936)
Flexural strength	15 - 20 MPa	(EN 12372)
Compressive strength	80 - 100 MPa	(EN 1926)
Water absorption at atmospheric pressure	0.1% wt.	(EN 13755)
Water absorption coefficient by capillarity	0.17 g / (m <sup>2</sup> x sec <sup>0.5</sup> )	(EN 1925)
Abrasion resistance	20000 - 22000 mm <sup>3</sup> (loss in volume)	(EN 14157 -method B)
Resistance to fixings	1950 N	(EN 13364)
Slip resistance	Non-polished: Polished: SRV <sub>dry</sub> : 72 SRV <sub>dry</sub> : 60 SRV <sub>wet</sub> : 69 SRV <sub>wet</sub> : 15	(EN 14231)
Frost resistance	Flexural strength after 48 cycles: About 14 % decrease of strength	(EN 12371& EN 12372)
Thermal shock resistance	After 20 cycles, Mean change in mass: -0.02%	(EN 14066 & EN 14146)

(\*). This information is based on our present knowledge and laboratory test results. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

February 12, 2013