



## FMC-GR

### FOUSEKIS MARBLE CONSULTING P.C.

NEAS ELBETIAS 2, 16232 BYRONAS, ATTICA GREECE

EN 1469: SLABS FOR CLADDING

EN 12058: SLABS OF NATURAL STONE FOR FLOOR AND STAIRS

EN 12057: MODULAR TILES

### NATURAL STONE: VOLAKAS FMC

LIST OF CHARACTERISTICS	Declared Values	TEST METHOD
BREAKING LOAD AT DOWEL HOLE	950N	EN 13364
WATER ABSORPTION AT	0,2wt%	EN 13755
APPARENT DENSITY	2810KG/m <sup>3</sup> (MEAN VALUE)	EN 1936
OPEN POROSITY	0,6wt%	EN 1936
UNIAXIAL COMPRESSIVE STRENGTH	178MPa	EN 1926
RUPTURE ENERGY	6 Jouie	EN 14158
ABRASION RESISTANCE	21779mm <sup>3</sup>	EN 14157
FROST RESISTANCE	Flexural strength under concentrated load, after 48 cycles of freeze -5,5 Mpa	EN 12372

### MINERALOGICAL COMPOSTITION

DOLOMITE	98%
CALCITE	2%
TYPE ACCORDING TO EN12407/ EN 12670: DOLOMITE MARBLE	

### CHEMICAL ASSAY (% IN DRY SUBSTANCE)

SiO <sub>2</sub>	Al <sub>2</sub> O <sub>2</sub>	Fe <sub>2</sub> O <sub>2</sub>	CaO	MgO	MnO	TiO <sub>2</sub>
<0,10	<0,10	<0,10	31.2	19.45	<0,05	<0,10
K <sub>2</sub> O	Na <sub>2</sub> O	LOI				
0.11	1.29	46.13				