



**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: KAVALA**

LIST OF CHARACTERISTICS	Declared Values		TEST METHOD
WATER ABSORPTION AT	0,1wt%		EN 13755
APPARENT DENSITY	2710KG/m3 (MEAN VALUE)		EN 1936
OPEN POROSITY	0,3wt%		EN 1936
UNIAXIAL COMPRESSIVE STRENGTH	85MPa		EN 1926
RUPTURE ENERGY	4 Joule		EN 14158
ABRASION RESISTANCE	16691mm3		EN 14157
REISTANCE TO BENDING	13,9MPa		EN 12372
FROST RESISTANCE	12,4MPa		EN 12371&EN 12372
SLIP RESISTANCE	POLISHED SRV <sub>WET</sub> :6 SRV <sub>DRY</sub> :42	UNPOLISHED SRV <sub>WET</sub> :12 SRV <sub>DRY</sub> :55	EN 14231
THERMAL SHOCK REACTION	-0.01%		EN 14066&EN 14164

**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>
0.8	0.15	0.1	53.8	0.5	0.01	<0,05
K <sub>2</sub> O	Na <sub>2</sub> O	LOI				
0.18	0.88	42.75				