



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: ELBA WHITE

LIST OF CHARACTERISTICS	Declared Values	TEST METHOD
APPARENT SPECIFIC WEIGHT	2846 kg/m ³	DIN 52102
POROSITY & WATER ACCESIBLE	0,49wt%	DIN 52102
ABSORPTION COEFFICIENT	0,17 wt%	DIN 52103
MODULUS OF ELASTICITY	30 Gpa	ASTM C-170
COMPRESSIVE STRENGTH - DRY CONDITION	124,50 kg/cm ³	DIN 52105
COMPRESSIVE STRENGTH - WET CONDITION	139,10 kg/cm ³	DIN 52105
MODULUS OF RAPTURE - DRY CONDITION	14,18 Mpa	DIN 5212
MODULUS OF RAPTURE - WET CONDITION	10,92 Mpa	DIN 5212
COMPRESSIVE STRENGTH AFTER FREEZING AND THAW CYCLES	66,25 N/mm ²	DIN 52105&DIN 52104
ABRASSION RESISTANCE	3,51 mm	DIN 52108
IMPACT STRENGHT	55 cm	UNI-U

MINERALOGICAL COMPOSTITION

DOLOMITE	83%
CALCITE	15%
QUARTZ	2%

CHEMICAL ANALYSIS (WEIGHT %)

CaO	MgO	SiO ₂				
34.0	18.40	0.52				