



T. C.
DOKUZ EYLÜL ÜNİVERSİTESİ
TORBALI MESLEK YÜKSEKOKULU



SAYI : B.30.2.DEÜ.076.02.00-070/ 270

Torbalı-İZMİR
20/03/2007

LABORATORY TEST REPORT

Owner :Bati Ege Marble Industry Trade Co.
Description of Rock :Light fosilliferous limestone
Commerial Name :Bati Ege Myra Limestone


PHYSICAL PROPERTIES

Unit Weight (gr/cm ³) (Dry)	2.563 ± 0.009
Unit Weight (gr/cm ³) (Saturated)	2.594 ± 0.006
Porosity (%)	3.097 ± 0.368
Woit Ratio (%)	3.198 ± 0.393
Water Absorption (%)	1.208 ± 0.147
Weight Lost After Freezing (%)	0.012 ± 0.004

MECHANICAL PROPERTIES

Uniaxial Compressive Strength (kg/cm ²)	690 ± 94
Uniaxial Compressive Strength After Freezing and Thawing (kg/cm ²)	659 ± 37
Bending Tensile Strength (kg/cm ²)	93 ± 6
Bohme Surface Abrasion Values (cm ³ /50 cm ²)	28.08 ± 0.64
Impact Strength (kg cm/cm ³)	6.75 ± 2.12

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The Laboratory of Torbalı Vocation School has a "Subcontractor Laboratory Certificate" given by Turkish Standart Institute
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The experiments are determined following the procedures given in Turkish Standarts TS 699

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