

**Istanbul Technical University
Mining Engineering Faculty
Department of Geological Engineering**

The Study Group of Applied Geology
Engineering Geology and Rock Mechanics Laboratories

The Results of the Experiment for Bending Resistance

Company	Bloktaş Madencilik Ltd. Şti.
The trade name of the stone	Soğucak Küfeki
The receive date of the sample	8 April 2011
The date of the report	4 May 2011
Sample type	Slab
Sample Form	Slab
The name of the laboratory	Rock Mechanics
The standard of the experiment	TS 699 (2000)

Sample Number	Width (cm)	Length (cm)	Thickness (cm)	Cracking Load (kgf)	Bending Resistance (kgf/cm ²)
1	10,0	20,0	2,0	270	182,3
2	10,0	20,0	2,0	280	189,0
3	10,0	20,0	2,0	280	189,0
4	10,0	20,0	2,0	280	189,0
5	10,0	20,0	2,0	280	189,0
Average Bending Resistance (kgf/cm ²)					187,7
Standard Deviation					± 3,018

The experiment made by
Technician Yüksel İLGAR

controlled by
Ass. Prof. Yılmaz Mahmutoğlu