

Stone commercial name: **ALIVERI GREY** (name according to EN 12440:2000)

Country of origin: Greece

Description: calcitic marble

Mineral and chemical composition (% weight):

MINERALOGICAL COMPOSITION		CHEMICAL ANALYSIS	
Calcite	93.0	CaO	54.30
Dolomite	4.0	MgO	0.90
Quartz	2.0	SiO ₂	0.13
Chlorite	1.0	Fe ₂ O ₃	0.28
		Al ₂ O ₃	0.60
		K ₂ O	0.12
		Na ₂ O	0.03
		MnO	0.02
		LOI	43.00

Some typical lab test results:

Apparent Density, (ASTM C-97)	2714 Kg/m ³
Water absorption, (ASTM C-97)	0.12 %
Compressive strength, (ASTM C-170)	99.0 Mpa
Modulus of Rupture (ASTM C-99)	19
Abrasion resistance, (DIN 52108/ 20 cycles)	7.54 mm

The above information, provided by LITHOS LABORATORY of the Institute of Geology and Mineral Exploration (IGME), were presented in edition "HELLENIC MARBLE DIRECTORY" of the Hellenic Foreign Trade Board (HEPO) - fourth edition 2006