



HELLENIC SURVEY OF GEOLOGY AND MINERAL EXPLORATION (H.S.G.M.E.)

Legal Entity of Public Law supervised by the MINISTRY OF ENVIRONMENT AND ENERGY
(Law 4602/2019 - Government Gazette 45/A/09-03-2019)
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Our Ref.: 455/ 18.03.2020

LABORATORY TESTS RESULTS FOR THE CALCITIC MARBLE UNDER THE COMMERCIAL NAME "NESTOS SILVER" *, (Quarry: Komnina, Xanthi, Greece)*

**Stone denomination and quarry location, as quoted by the client*

Apparent density (EN 1936) **	2700 kg/m ³
Water absorption at atmospheric pressure (EN 13755) **	0,1 % wt.
Flexural strength under concentrated load (EN 12372) **	12,8 MPa
Flexural strength under constant moment (EN 13161)	11,5 MPa
Abrasion resistance (EN 14157 – Method B) **	19 cm ³ / 50 cm ² (volume loss)
Uniaxial compressive strength (EN 1926)	100 MPa

**Data from the report with Ref. No. 443/22.01.2020 of LITHOS Laboratory

PERSONS RESPONSIBLE FOR THE LABORATORY TESTS

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Laboratory tests were carried out by: I. Kouseris (Technician)