

TEST REPORT N° 0130/2014-D

Results of the flexural strength testing after freeze / thaw testing carried on 12/02/2014, on natural stone samples received on 06/02/2014.

Customer : MORELLI MARMI – Rome –

DECLARED DETAILS

Geological name : TRAVERTINO ROMANO CLASSICO

Origin : Loc. "Le Fosse" – Guidonia M. - (Rome) Italy

TEST METHODS

The test was performed, as required by the Customer, according to UNI EN 12372, on 180x80x30 mm samples after freeze / thaw according to UNI EN 12371.

TEST RESULTS

At the end of the 48 cycles of freezing and thawing, no relevant permanent alteration was observed on the samples.

Load perpendicular to anisotropic planes

Sample	n°	1	2	3	4	5	6	7	8	9	10
Flexural strength	(MPa)	11.7	11.1	11.3	9.3	13.6	10.2	11.9	10.1	11.1	12.0

Mean flexure resistance (R_{tf}) = 11.2 MPa Standard deviation (δ) = 1.2 MPa

Note: Fracture always occurred within 15 % of point § 8 of the standard

TESTER
Mr. Antonio Liberatore



MANAGEMENT
Mr. Fabrizio Olini


