

TEST REPORT N° 0310/2014

Results of the resistance to freeze / thaw testing carried on 25/02/2014, 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.

TEST RESULTS

Load perpendicular to anisotropic planes

Sample	n°	1	2	3	4	5	6	7	8	9	10
Flexural strength	(MPa)	14.5	15.1	15.5	15.5	12.2	15.5	13.3	13.4	14.3	13.6

Mean flexure resistance (R_{tf}) = 14.9 MPa Standard deviation (δ) = 1.1 MPa

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

Load perpendicular to corners of anisotropic planes

Sample	n°	1	2	3	4	5	6	7	8	9	10
Flexural strength	(MPa)	12.7	11.8	13.3	11.6	12.7	11.3	12.2	10.3	12.0	13.5

Mean flexural strength (R_{tf}) = 12.1 MPa Standard deviation (δ) = 1.0 MPa

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

TESTER
 Mr. Antonio Liberatore



MANAGEMENT
 Mr. Fabrizio Ombra


