



MODENA CENTRO PROVE s.r.l.
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C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 C.F. e P. IVA n. 01592020364



TEST REPORT: 20201960/3

Modena, 26/03/20

CUSTOMER

**FLORIM CERAMICHE SPA - - VIA CANALETTO 24 - 41042 - FIORANO
MODENESE - MO**

MATERIAL and/o SAMPLE to be tested

PORCELAIN TILES;

Denomination

Serie Buildtech 2.0 articolo Mud CE soft formato 60x60 cm spessore 10 mm marchio Floor gres;

Date of sample reception

07/02/2020;

Date of sample acceptance

07/02/2020;

Kind of test executed

Determination of Modulus of rupture and Breaking strenght

Referring standards

UNI EN ISO 10545-4:2019

Shifting from standards

No one

Equipment

Flexural test machine cod. MCP C98 - Gauge cod. MCP C145 - Metric band-mill cod. MCP C56

Subcontracted phases

No one

Sampling made by

Customer

*The test results showing in this Report are only referred to the sample taken by our staff or supplied by the Customer. He commits himself to reproduce integrally this document. Partial reproduction is forbidden.
The times of retain of the samples was indicated in the offer related to the test report.*

Examiner

p.i. Nassetti Luca

MODENA CENTRO PROVE

Ceramic Dept. Responsible
P.I. De Pasquale Roberto

MODENA CENTRO PROVE

Director
Sant'Unione dr. Giuseppe



DETERMINATION OF MODULUS OF RUPTURE AND BREAKING STRENGTH

Beginning date : 18/02/2020

Analysis ending date : 19/02/2020

SAMPLE : Ceramic tiles, marked « **Serie Buildtech 2.0 articolo Mud CE soft formato 60x60 cm spessore 10 mm marchio Floor gres** »

RESULTS

The test has been performed on entire samples

Width of the test specimen **b** 600 mm
 Dimension of tile **L** 600 mm
 Diameter of rod **d** 20 mm
 Thickness of rubber **t** 5 mm
 Overlap of tile beyond the edge supports **l₁** 10 mm

PARAMETER	Unit of measure	Tile n°						
		1	2	3	4	5	6	7
Span between the support rods l₂	mm	580	580	580	580	580	580	580
Width of the test specimen b	mm	600	600	600	600	600	600	600
Minimum thickness of the specimen h	mm	8,8	8,8	8,9	8,8	8,9	8,8	8,9
Breaking load F	N	3299	3079	3445	3318	3422	3215	3364
Breaking strength S	N	3189	2976	3330	3207	3308	3108	3252
Modulus of rupture R	N/mm ²	61,8	57,7	63,1	62,1	62,6	60,2	61,6

Breaking load **F** average value (N) = 3306
 Breaking strength **S** average value (N) = 3196
 Modulus of rupture **R** average value (N/mm²) = 61,3

Examiner p.i. Nassetti Luca	MODENA CENTRO PROVE Ceramic Dept. Responsible P.I. De Pasquale Roberto	MODENA CENTRO PROVE Director Sant'Unione dr. Giuseppe
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