

SEDE

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CERTI.CER.

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Part. IVA 0094778-0375

Bologna, 27/01/15

TEST REPORT N° 2171/15

concerning ceramic tiles according to  
EN 14411 (ISO 13006)

Requested by:	FLORIM CERAMICHE S.p.A. - Via Canaletto 24 – 41042 FIORANO MODENESE (MO)
On (date):	21/01/15
For the sample marked:	Glazed ceramic tiles 60 x 120 x 1,0 cm marked "Brand CERIM – Serie MATERIAL STONES OF CERIM".

### EN ISO 10545-4 - Determination of modulus of rupture and breaking strength

d - diameter of rods (mm):

20

t - thickness of rubber (mm):

5

l - overlap of tile beyond the edge supports (mm):

8,5

L - span of the support rods (mm):

1180

Test specimens	1	2	3	4	5	6	7
F – Breaking load (N)	1587	1536	1661	1702	1539	1551	1567
S – Breaking strength (N)	3138	3037	3283	3365	3042	3066	3098
R – Modulus of rupture (N/mm <sup>2</sup> )	50,0	49,4	52,3	53,6	48,5	49,9	50,4

F – Average Breaking load (N):

1592

S – Average Breaking strength (N):

3147

R – Average Modulus of rupture (N/mm<sup>2</sup>):

50,6

Prof. Maria Chiara Bignozzi  
Director



The results reported relate only to the samples tested. No responsibility is taken for the accuracy of the sampling unless it is done under our own supervision. The reproduction of this test report is only authorized in the form of a complete photographic facsimile. Our written approval is necessary for any partial reproduction. This test report consists of 1 pages, this cover included.



Consorzio universitario per la gestione del «Centro di ricerca e sperimentazione per l'industria ceramica».  
D.P.R. 10-4-1978 n. 806  
(G.U. 20-12-1978 n. 353)

Laboratorio autorizzato ad effettuare il servizio di rilevamento dell'inquinamento atmosferico.  
Decreto MINISTERO SANITÀ 10-8-1974  
(G.U. 14-9-1974 n. 240)

Laboratorio iscritto nell'albo dei «Laboratori Esterni Pubblici e Privati Altamente Qualificati».  
Decreto MINISTERO RICERCA SCIENTIFICA 6-6-1983  
(G.U. 6-7-1983 n. 183)

Membro ASTM  
American Society for  
Testing and Materials.