

**SEDE**

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**CERTI.CER.**

**LABORATORIO DI ZONA**

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Part. IVA 0094778-0375

Bologna, 09/05/08

Spett.le  
FLORIM CERAMICHE S.p.A.  
Via Canaletto, 24  
41042 FIORANO MODENESE (MO)

## TEST LABORATORY

### TEST REPORT N° 4502/08

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):	07/05/08
For the sample marked:	"Serie CHROMTECH - Articolo COOL 2.0 30x60 - Tono A50".

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.

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This test report consists of 3 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.

## DESCRIPTION OF THE SAMPLE:

Unglazed ceramic tiles 30 x 60 x 1,0 cm marked  
 "Serie CHROMTECH - Articolo COOL 2.0 30x60 -  
 Tono A50".

MANUFACTURER: FLORIM CERAMICHE S.p.A.  
 Marchio FLOOR GRES

## SAMPLING DETAILS:

- Where: STABILIMENTO DI FIORANO MODENESE  
 - Date: 07/05/08  
 - By whom: CENTRO CERAMICO BOLOGNA  
 - How (methods): UNI EN ISO 10545-1

DATE OF RECEIVAL IN LABORATORY: 07/05/08

## TEST PERFORMED:

		Date of starting	Date of ending	
<input checked="" type="checkbox"/>	UNI EN ISO 10545 - 4	Determination of modulus of rupture and breaking strength	08/05/08	08/05/08

**UNI 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

L - span between the support rods (mm):

580

Test specimens	1	2	3	4	5	6	7	8
F- Breaking load (N)	1413	1420	1672	1573	1502	1472	1481	1476
S - Breaking strength (N)	2759	2773	3265	3072	2933	2875	2891	2883
R- Modulus of rupture (N/mm <sup>2</sup> )	54,7	59,0	64,7	63,8	60,9	53,2	54,8	55,8

F - Average breaking load (N):

1501

S - Average breaking strength (N):

2932

R - Average modulus of rupture (N/mm<sup>2</sup>):

58,4



 Prof. Eng. Giorgio Timellini  
 Director
 
