



CENTRO DI RICERCA E SPERIMENTAZIONE
PER L'INDUSTRIA CERAMICA

Bologna, 21/09/2016

OOO NKSI/ESTIMA
Betonnaya n. 1, Noghinsk
142410 MOSCOW Region
RUSSIA

TEST LABORATORY

TEST REPORT No. 5009/16

concerning ceramic tiles according to EN 14411 : 2012

Requested by:	OOO NKSI/ESTIMA Betonnaya n. 1, Noghinsk 142410 MOSCOW Region RUSSIA
On (date):	21/06/16
For the sample marked:	"LF-01".

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.



Description of the sample:	Unglazed ceramic tiles 60 x 120 x 1.1 cm marked "LF-01".
Manufacturer:	-----
Sampling details	
- Where:	-----
- Date:	-----
- By whom:	CUSTOMER
- How (methods):	-----
Date of receipt in laboratory:	28/06/16

TESTS PERFORMED :

		Date of starting	Date of ending
<input checked="" type="checkbox"/>	EN ISO 10545 – 4 :2014 Determination of modulus of rupture and breaking strength	31/08/16	05/09/16



EN ISO 10545 - 4 : 2014 - Determination of modulus of rupture and breaking strength

d - diameter of rods (mm):

T - thickness of rubber (mm):

l₁ - overlap of tile beyond the edge supports (mm):

l₂ - span between the support rods (mm):

	1	2	3	4	5	6	7
F - Breaking load (N)	1473	1468	1472	1427	1490	1413	1472
S - Breaking strength (N)	2897	2887	2895	2806	2930	2779	2895
R - Modulus of rupture (N/mm ²)	42,6	43,3	43,4	43,0	44,8	41,7	44,3

F - Average breaking load (N):

S - Average breaking strength (N):

R - Average modulus of rupture (N/mm²):

Pietro Bruzzi
Technical verification



Prof. Maria Chiara Bignozzi

Director