



Main Laboratory Sassuolo

Centro di Ricerca, Sperimentazione, Consulenza e Controllo Qualità



LAB N° 1170

Scandiano, 02/05/2014



Messrs **CASA DOLCE CASA S.p.A.**

Via Viazza II° tronco, 45
42042 FIORNANO MODENESE
(MO)

Confidential Test Report N. 0525/2014 /I
on ceramic tiles defined by UNI EN 14411:2012

Our ref.num.: 11372

Date of request: 01/22/2014

Test Specimen

"Unglazed paver tile 30x60 cm marked:
Serie Stone & More, articolo Burlington white naturale, superficie UGL, formato 30x60,
spessore 10 mm, marchio casa dolce casa"

Source

Submitted to Laboratory by Client

Date Received

01/23/2014

Time of test execution

start: 02/04/2014

end: 02/05/2014

Test detail / method description / test procedure

" Determination of modulus of rupture and breaking strength -
Standard UNI EN ISO 10545 - 4:2012"

*The report relates only to the sample(s) tested. This report must not be reproduced in part
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Date 02/05/2014

CASA DOLCE CASA S.p.A.

Test specimen

"Un glazed paver tile 30x60 cm marked:

Serie Stone & More, articolo Burlington white naturale, superficie UGL, formato 30x60, spessore 10 mm, marchio casa dolce casa"

DETERMINATION OF MODULUS OF RUPTURE AND BREAKING STRENGTH
(Standard UNI EN ISO 10545 - 4:2012)

Principle: determination of the breaking load, breaking strength and modulus of rupture of tile by applying a force at a definite rate to centre of the tile, the point of application being in contact with the proper surface of the tile.

Operative features

d (diameter of rods), mm: 20
t (thickness of rubber), mm: 5
l₁ (overlap of tile beyond the edge supports), mm: 10,0
l₂ (span of the support rods), mm: 577
b (width of the test specimen), mm: 297
Number of tiles in the sample: 7

Results

F_{bl} (breaking load), N:

1938 2041 1974 1904 1804 1922 1982

F_{bl} average (breaking load), N: 1938

F_{bs} (breaking strength), N:

3765 3965 3835 3699 3505 3734 3851

F_{bs} average (breaking strength), N: 3765

σ_{Fbl} (modulus of rupture), N/mm²:

65,3 67,3 65,1 64,2 60,8 63,4 65,4

σ_{Fbl} average (modulus of rupture), N/mm²: 64,5

Mod. P053/1 rev.01



THE DIRECTOR
(M. Simioli)