

TEST REPORT

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REPORT OF TESTS ON TILES

Your Reference TILE: BLEZZ / BLEZZ – GLAZED CLAY TILE
Colour/Details: White/4 x 4"
MTEC Samples 1101448 - 1101454

Date Reported 12-07-2011 Order/Job No. TL10-0057/13
Date Received 08-07-2011 Dates of Test 08-07-2011 to 11-07-2011

DETERMINATION OF MODULUS OF RUPTURE AND BREAKING STRENGTH ISO 10545-4: 2004

Test Specimens

Seven test specimens were used for determination. Group BI_b, 0.5% < E ≤ 3 %. Size 100 x 100 mm.

Standard used

ISO 13006 is used for showing compliance.

Results

Sample No.	Thickness (mm)	Breaking Load (N)	Breaking Strength (N)	Modulus of Rupture (N/mm ²)
1	6.3	110.1	889.6	33.6
2	6.3	141.8	1,134.4	42.9
3	6.3	117.3	947.8	35.8
4	6.3	114.9	928.4	35.1
5	6.2	127.8	1,022.4	39.9
6	6.3	130.4	1,053.7	39.8
7	6.3	103.2	833.9	31.5
Mean	6.3	120.8	972.9	36.9

Thickness of Rubber = 5 mm.
Overlap = 10 mm.

Diameter of Rod = 20 mm.
Span = 80 mm.

The average modulus of rupture was 36.9 N/mm².
The stipulation is that no individual value should be less than 27 N/mm² and that average should be ≥ 30 N/mm². The tiles therefore comply with the requirements.
The average breaking strength was 972.9 N.
The stipulation is that the value should not be less than 700 N.
The tiles therefore comply with the requirements.

End of Test Report



Savitree Kongkeatvanit
Authorised Signatory

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