

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	1101428 - 1101437		
Date Reported	12-07-2011	Order/Job No.	TL10-0057/11
Date Received	08-07-2011	Dates of Test	08-07-2011 to 11-07-2011

DETERMINATION OF DIMENSIONS AND SURFACE QUALITY ISO 10545-2: 1995

Test Specimens

Ten test specimens were used for determination. Group BI_b, 0.5% < E ≤ 3 Size 99 x 99 mm.

Standard used

ISO 13006 is used for showing compliance.

Results

Dimensions and Deviations

Actual measurements contained in Appendix 1.

Length and Width

Because of the wedge-shaped spacer sides the accurate measurement of the work size is impossible and instead the co-ordinating size is used.

Work (co-ordinating) size 99 x 99 mm.

Maximum deviation from work average size (co-ordinating) size, 0.4%.
The permissible deviation is ± 1.0% and so the ties comply with the requirements.

Average size of 10 tiles, 98.9 x 98.9 mm.

Maximum deviation from average size, 0.4%.
The permissible deviation is ± 0.5% and so the tiles comply with the requirements.

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Ceramic Testing Laboratory (CTL)

Your Reference TILE: BLEZZ / BLEZZ – GLAZED CLAY TILE
MTEC Samples 1101428 - 1101437

Thickness

The work size was assumed to be 7.0 mm. as there was no work size supplied.

Maximum deviation from work size, -2.9%.

The permissible deviation is $\pm 10\%$ and so the tiles comply with the requirements.

Straightness of Sides

Maximum deviation from straightness, -0.2%.

The permissible deviation is $\pm 0.5\%$ and so the tiles comply with the requirements.

Rectangularity

Maximum deviation from rectangularity, 0.4%.

The permissible deviation is $\pm 0.6\%$ and so the tiles comply with the requirements.

Centre Curvature

Maximum deviation from flatness, 0.1%, related to the diagonal.

The permissible deviation is $\pm 0.5\%$ and so the tiles comply with the requirement.

Edge Curvature

Maximum deviation from flatness, -0.2%.

The permissible deviation is $\pm 0.5\%$ and so the tiles comply with the requirement.

Warpage

Maximum warpage, -0.2%, related to the diagonal.

The permissible deviation is $\pm 0.5\%$ and so the tiles comply with the requirements.

Surface Quality

When examined under the standard condition of the test, more than 95% of the tiles tested were acceptable and so they comply with the requirements.

End of Test Report



Savitree Kongkeatvanit
Authorised Signatory

Ceramic Testing Laboratory (CTL)
Appendix 1

Order Job. Number: TL11-0057/11
Sample Number: 1101428 - 1101437
Size: 100 x 100 mm.

	THICKNESS				
	A	B	C	D	AVE
1	6.8	7.0	6.9	6.9	6.9
2	6.7	6.9	6.8	6.7	6.8
3	6.7	6.8	6.9	6.7	6.8
4	6.8	6.9	6.9	6.8	6.9
5	6.8	6.9	6.9	6.8	6.9
6	6.8	6.8	7.0	6.8	6.9
7	6.8	6.9	7.0	6.8	6.9
8	6.8	6.9	7.0	6.9	6.9
9	6.8	6.8	7.0	6.9	6.9
10	6.9	7.0	7.1	6.9	7.0

LENGTH AND WIDTH				
AB	BC	CD	DA	AVERAGE
99.5	99.3	98.8	99.4	99.3
98.7	98.6	98.6	98.8	98.7
98.7	99.0	98.6	98.7	98.8
98.9	98.7	98.9	99.4	99.0
99.0	98.7	98.9	99.3	99.0
98.7	98.7	98.7	99.5	98.7
98.5	98.3	98.7	98.8	98.6
99.0	98.8	98.7	98.8	98.8
98.8	99.0	98.8	99.0	98.9
99.2	98.9	98.6	98.9	98.9
Average				98.9

	RECTANGULARITY			
	A	B	C	D
1	-0.3	0.4	0.3	-0.4
2	0.0	0.3	-0.1	-0.1
3	-0.2	0.0	0.2	0.2
4	0.3	0.4	-0.3	-0.3
5	0.3	0.4	-0.3	-0.3
6	-0.1	0.0	0.1	0.2
7	0.3	0.1	-0.3	-0.1
8	-0.2	0.2	0.0	0.0
9	0.0	0.0	0.0	0.1
10	-0.3	0.3	0.3	-0.3

STRAIGHTNESS OF SIDES			
AD	BA	CB	DC
0.0	0.1	0.0	0.0
0.0	0.0	0.1	0.1
0.0	0.0	0.1	0.0
0.0	-0.1	0.1	0.0
0.0	0.0	0.0	0.1
0.0	0.0	0.0	0.1
0.0	0.0	0.0	0.0
0.0	0.1	0.0	0.0
0.1	0.0	0.1	0.0
-0.2	0.2	-0.1	0.1

	EDGE CURVATURE			
	AD	BA	CB	DC
1	-0.2	0.1	0.1	0.1
2	0.0	0.0	0.0	0.0
3	-0.1	0.0	0.0	0.1
4	-0.1	0.1	0.0	0.0
5	0.0	0.1	0.0	0.0
6	0.0	0.0	0.1	0.0
7	0.0	0.1	0.0	-0.1
8	0.0	0.0	0.0	0.1
9	-0.1	0.1	-0.1	0.0
10	-0.1	0.0	0.0	0.0

CENTER CURVATURE			
ABD	BCA	CDB	DAC
0.1	0.1	0.1	0.1
0.1	0.1	0.1	0.1
0.1	0.1	0.1	0.1
0.1	0.1	0.1	0.1
0.1	0.1	0.1	0.1
0.1	0.0	0.0	0.1
0.1	0.1	0.1	0.1
0.0	0.1	0.0	0.1
0.1	0.1	0.1	0.1
0.1	0.0	0.1	0.0

WARPAGE			
AD	BA	CB	DC
0.1	-0.1	-0.1	0.0
-0.1	-0.1	-0.1	-0.1
0.0	-0.1	-0.1	0.0
-0.1	0.1	0.0	-0.1
-0.1	0.0	-0.1	-0.1
-0.1	-0.1	0.0	-0.1
0.1	0.0	0.2	0.0
-0.2	-0.1	-0.1	-0.1
-0.1	-0.1	-0.1	0.0
-0.2	0.0	-0.2	-0.1