

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 1101455 - 1101494

Date Reported 14-07-2011 Order/Job No. TL10-0057/14
Date Received 08-07-2011 Dates of Test 08-07-2011 to 14-07-2011

DETERMINATION OF CHEMICAL RESISTANCE

ISO 10545-13: 1995

Sample description and preparation

Five test specimens of glazed tile were used with each test solution. The surface was cleaned with methanol before testing.

Standard used

ISO 13006 is used for showing compliance.

Results Chemical Resistance for Glazed Tiles

TEST Solutions	Sample Number				
	1	2	3	4	5
1. Ammonium Chloride solution 100 g/l	GA	GA	GA	GA	GA
2. Sodium Hypochlorite solution 20mg/l	GA	GA	GA	GA	GA
3. Hydrochloric Acid solution 3% v/v	GLA	GLA	GLA	GLA	GLA
4. Citric Acid solution 100g/l	GLA	GLA	GLA	GLA	GLA
5. Potassium Hydroxide solution 30g/l	GLA	GLA	GLA	GLA	GLA
6. Hydrochloric Acid solution 18% v/v	GHA	GHA	GHA	GHA	GHA
7. Lactic Acid solution 5% v/v	GHA	GHA	GHA	GHA	GHA
8. Potassium Hydroxide solution 100g/l	GHA	GHA	GHA	GHA	GHA

For household chemicals and swimming pool salts (1 and 2) the Class is GA.
The stipulation is for a minimum of Class GB and so the tiles comply with the requirements.

For low concentration acids and alkalis (3, 4 and 5) the Class is GLA.
For high concentration acids and alkalis (6, 7 and 8) the Class is GHA.

End of Test Report



Savitree Kongkeatvanit
Authorised Signatory

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