

Requested by:	VITREX S.r.L. – Via Moncenisio, 5 – 41049 SASSUOLO (MO)
On (date):	27/02/07
For the sample marked:	Glass mosaic of different sizes marked "Serie FASHION".

EN ISO 10545-13 § 8 - Determination of chemical resistance - Glazed tiles

Test solutions	Class of resistance				
	Test specimen 1	Test specimen 2	Test specimen 3	Test specimen 4	Test specimen 5
Household Chemicals: Ammonium Chloride 100g/l	GA(V)	GA(V)	GA(V)	GA(V)	GA(V)
Swimming pool salts: Sodium hypochlorite 20mg/l	GA(V)	GA(V)	GA(V)	GA(V)	GA(V)
Acids: Hydrochloric acid 3% V/V Citric acid 100g/l	GLA(V) GLA(V)	GLA(V) GLA(V)	GLA(V) GLA(V)	GLA(V) GLA(V)	GLA(V) GLA(V)
Alkali: Potassium Hydroxide 30g/l	GLA(V)	GLA(V)	GLA(V)	GLA(V)	GLA(V)
Acids: Hydrochloric acid 18%V/V Lactic acid 5% V/V	GHA(V) GHA(V)	GHA(V) GHA(V)	GHA(V) GHA(V)	GHA(V) GHA(V)	GHA(V) GHA(V)
Alkali: Potassium Hydroxide 100g/l	GHA(V)	GHA(V)	GHA(V)	GHA(V)	GHA(V)

CLASSIFICATION (Pencil test and/or reflexion test are not applicable:)

U: Unglazed tiles

G: Glazed tiles

L: Low concentration chemicals

H: High concentration chemicals

Class A(V): no visible effect

Class B(V): definitive change in appearance

Class C(V): partial or complete loss of the surface

Prof. Ing. Giorgio Timellini

Director

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LABORATORIO DI ZONA

Via Valle d'Aosta, 1 - 41049 Sassuolo
Tel. 0536 802154

Part. IVA 0094778-0375

Bologna, 11/04/07

TEST REPORT N° 3404/07

(translation of test report Nr. 3403/07 of 11/04/07)

Requested by:	VITREX S.r.L. – Via Moncenisio, 5 – 41049 SASSUOLO (MO)
On (date):	27/02/07
For the sample marked:	Glass mosaic of different sizes marked "Serie FASHION".

EN ISO 10545-9 - Determination of resistance to thermal shocks

Water absorption (% according to ISO 10545-3):

0,12

Type of test performed:

testing with immersion

☒

testing without immersion

☐

Number of test specimens with visible defects:

5

Description of the visible defect:

Cracks.

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Part. IVA 0094778-0375

Bologna, 11/04/07

TEST REPORT N° 3399/07

(translation of test report Nr. 3398/07 of 11/04/07)

Requested by:	VITREX S.r.L. – Via Moncenisio, 5 – 41049 SASSUOLO (MO)
On (date):	27/02/07
For the sample marked:	Glass mosaic of different sizes marked "Serie FASHION".

EN ISO 10545-3 Determination of water absorption by boiling method

Water absorption (%) of each individual tile:

Test specimens	1	2	3	4	5	6	7	8	9	10
E(b)	0,14	0,12	0,09	0,13	0,10	0,13	0,10	0,13	0,12	0,14

E (b) absorption (%):

0,12

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Part. IVA 0094778-0375

Bologna, 05/04/07

TEST REPORT N° 3409/07

(translation of test report Nr. 3408/07 of 05/04/07)

Requested by:	VITREX S.r.L. – Via Moncenisio, 5 – 41049 SASSUOLO (MO)
On (date):	27/02/07
For the sample marked:	Glass mosaic of different sizes marked "Serie FASHION".

EN ISO 10545-12 - Determination of frost resistance

Number of tiles in the test sample:

10

Water content before the freeze-thaw test (%):

0,12

Water content after the freeze-thaw test (%):

0,13

Description of defects before the test:

Damages on the glaze or proper surface and the edges of tiles after the freeze-thaw test:

Number of damaged tiles after 100 cycles from -5°C to +5°C:

0

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