

**MODENA CENTRO PROVE s.r.l.**

Sede legale e Laboratori: 41123 Modena (Italy) - Via Sallustio, 78
Tel. 059 822417 r.a. - Fax 059380281 - e-mail : info@modenacentroprove.it - www.modenacentroprove.com
C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 - C.F. e P. IVA n. 01592020364

MECCANICA

ECOLOGIA

CERAMICA

ALIMENTARE

Modena, 22/02/18

To **FLORIM CERAMICHE SPA**
VIA CANALETTO 24
41042 FIORANO MODENESE MO

Attn. **sig. Turrini**

MATERIAL and/or SAMPLE to be tested	Denomination of the Sample	Client Reference – Your delivery	date
porcelain tiles	Serie Artwork articolo Basic 01 Glossy formato 80x80 cm spessore 10 mm marchio Casa Dolce casa	Vs. consegna	08/02/2018

Here attached, you will receive the Test Report of Serial No. **20180966**/n, which shows the results of tests required.

MODENA CENTRO PROVE

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Director
Sant'Unione dr. Giuseppe



TEST REPORT: 20180966/1

Modena, 22/02/18

CUSTOMER	FLORIM CERAMICHE SPA - - VIA CANALETTO 24 - 41042 - FIORANO MODENESE - MO
MATERIAL and/o SAMPLE to be tested	porcelain tiles;
Denomination	Serie Artwork articolo Basic 01 Glossy formato 80x80 cm spessore 10 mm marchio Casa Dolce casa;
Date of sample reception	08/02/2018;
Kind of test executed	Determination of Chemical Resistance
Referring standards	UNI EN ISO 10545-13:2017
Shifting from standards	No one
Equipment	Forced ventilation stove cod. MCP C43
Calibration	C43: LAT 011 272-SE-17 of 23/05/2017
Subcontracted phases	No one
Sampling made by	Customer

*The test results showing in this Report are only referred to the sample taken by our staff or supplied by the Customer. He commits himself to reproduce integrally this document. Partial reproduction is forbidden.
The times of retain of the samples was indicated in the offer related to the test report.*

Examiner

p.i. Bortolai Alberto

MODENA CENTRO PROVE

Ceramic Dept. Responsible
P.I. De Pasquale Roberto

MODENA CENTRO PROVE

Director
Sant'Unione dr. Giuseppe



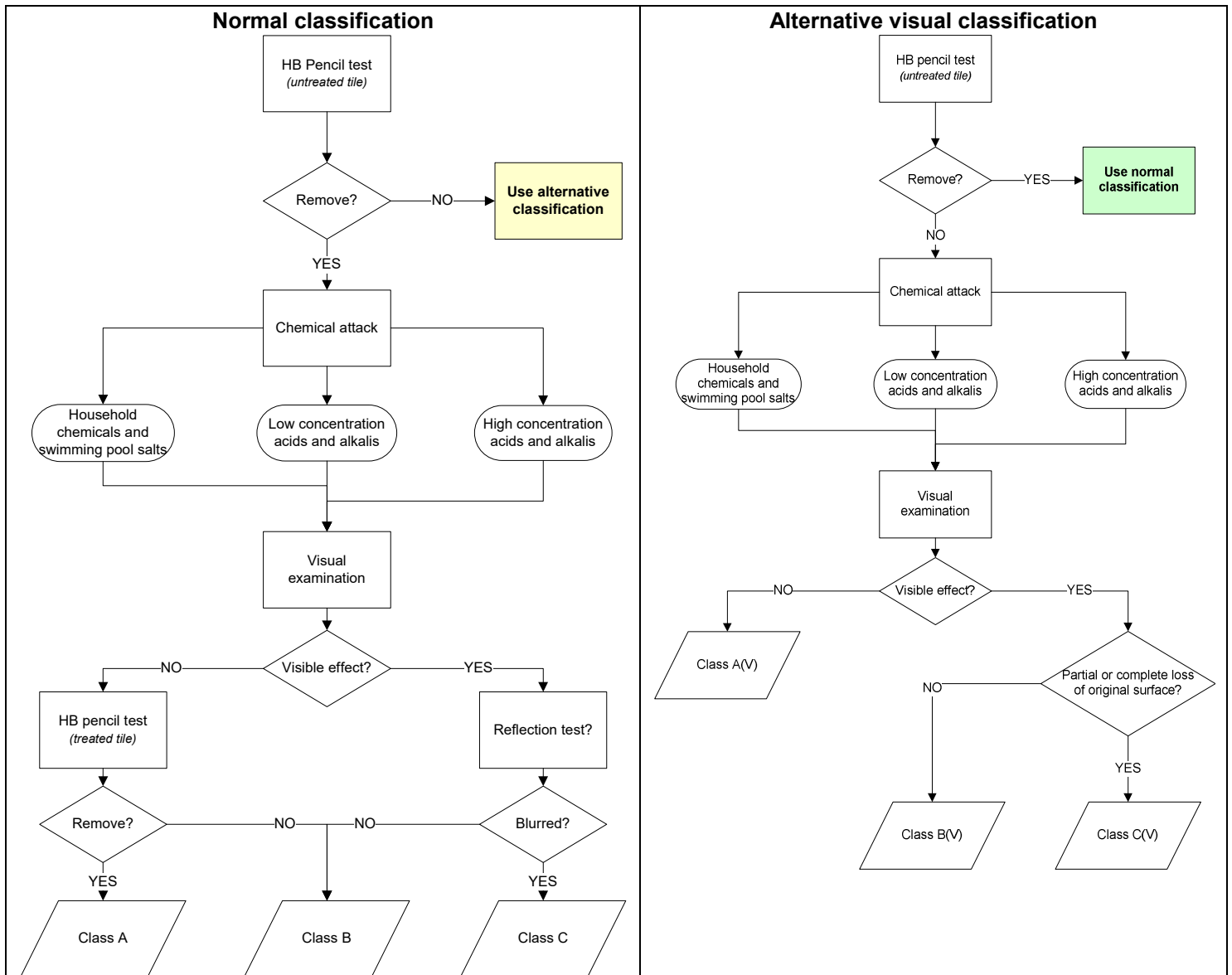
DETERMINATION OF CHEMICAL RESISTANCE

Beginning date : 08/02/2018

Analysis ending date : 12/02/2018

SAMPLE : Ceramic tiles, marked « Serie Artwork articolo Basic 01 Glossy formato 80x80 cm spessore 10 mm marchio Casa Dolce casa »

CLASSIFICATION



Examiner

 p.i. Bortolai Alberto

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LAB N°1018
 Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
 Signatory of EA, IAF and ILAC Mutual Recognition Agreements

RESULTS

TEST SOLUTIONS	Period of Test	CLASS OF RESISTANCE Sample 1	CLASS OF RESISTANCE Sample 2	CLASS OF RESISTANCE Sample 3
Ammonium chloride 100 g/l	24 hours	A	A	A
Sodium hypochlorite solution 20 mg/l	24 hours	A	A	A
Citric acid solution 100 g/l	24 hours	LA	LA	LA
Hydrochloric acid solution 3% (V/V)	(96±1) hours	LB	LB	LB
Potassium hydroxide 30 g/l	(96±1) hours	LA	LA	LA
Hydrochloric acid solution 18% (V/V)	(96±1) hours	HB	HB	HB
Lactic acid 5% (V/V)	(96±1) hours	HA	HA	HA
Potassium hydroxide 100 g/l	(96±1) hours	HA	HA	HA

REQUIREMENTS UNI EN 14411:2016

GROUP: Bla

UNI EN 14411:2016 Annex: G

		REQUIREMENT
CHEMICAL RESISTANCE	Testing with household chemicals, swimming pool salt	minimum classe B
	Testing with products at low acid and alkalis concentration	declared value
	Testing with products at high acid and alkalis concentration	declared value

Type of chemical attack: contact on proper surface

 Examiner p.i. Bortolai Alberto	 MODENA CENTRO PROVE Ceramic Dept. Responsible P.I. De Pasquale Roberto	 MODENA CENTRO PROVE Director Sant'Unione dr. Giuseppe
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