

**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, 16/01/20

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 Marble articolo Grey glossy spessore 6 mm marchio Florim stone	-	06/12/2019

Here attached, you will receive the Test Report of Serial No. **20200205**/n, which shows the results of tests required.

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Director
Sant'Unione dr. Giuseppe

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LAB N°1018L

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

TEST REPORT: 20200205/1

Modena, 16/01/20

CUSTOMER**FLORIM CERAMICHE SPA - - VIA CANALETTO 24 - 41042 - FIORANO
MODENESE - MO****MATERIAL and/o SAMPLE to be tested**

porcelain tiles;

Denomination

serie Marble articolo Grey glossy spessore 6 mm marchio Florim stone;

Date of sample reception

06/12/2019;

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

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



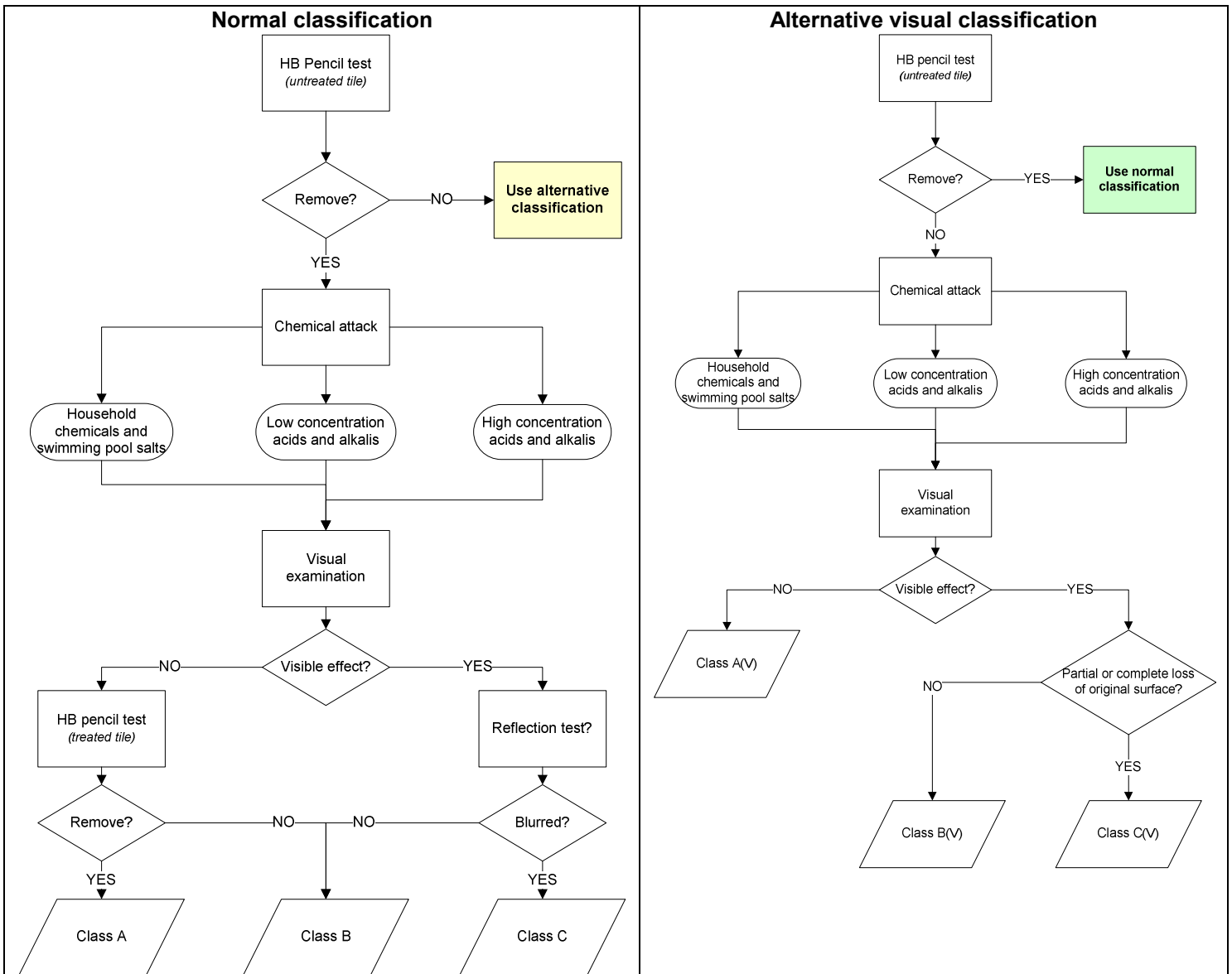
DETERMINATION OF CHEMICAL RESISTANCE

Beginning date : 13/12/2019

Analysis ending date : 17/12/2019

SAMPLE : Ceramic tiles, marked « serie Marble articolo Grey glossy spessore 6 mm marchio Florim stone »

CLASSIFICATION



Examiner

 p.i. Bortolai Alberto

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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	LA	LA	LA
Potassium hydroxide 30 g/l	(96±1) hours	LA	LA	LA
Hydrochloric acid solution 18% (V/V)	(96±1) hours	HA	HA	HA
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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