

**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](mailto:info@modenacentroprove.it) -  
[www.modenacentroprove.com](http://www.modenacentroprove.com)  
C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 C.F. e P. IVA n. 01592020364



LAB N°1018L

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

**TEST REPORT: 20198604/6**

Modena, 11/12/19

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

porcelain tiles;

**Denomination**

serie Onyx &amp; More articolo White porphyry superficie strutturato spessore 6 mm marchio casa Dolce casa;

**Date of sample reception**

18/11/2019;

**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



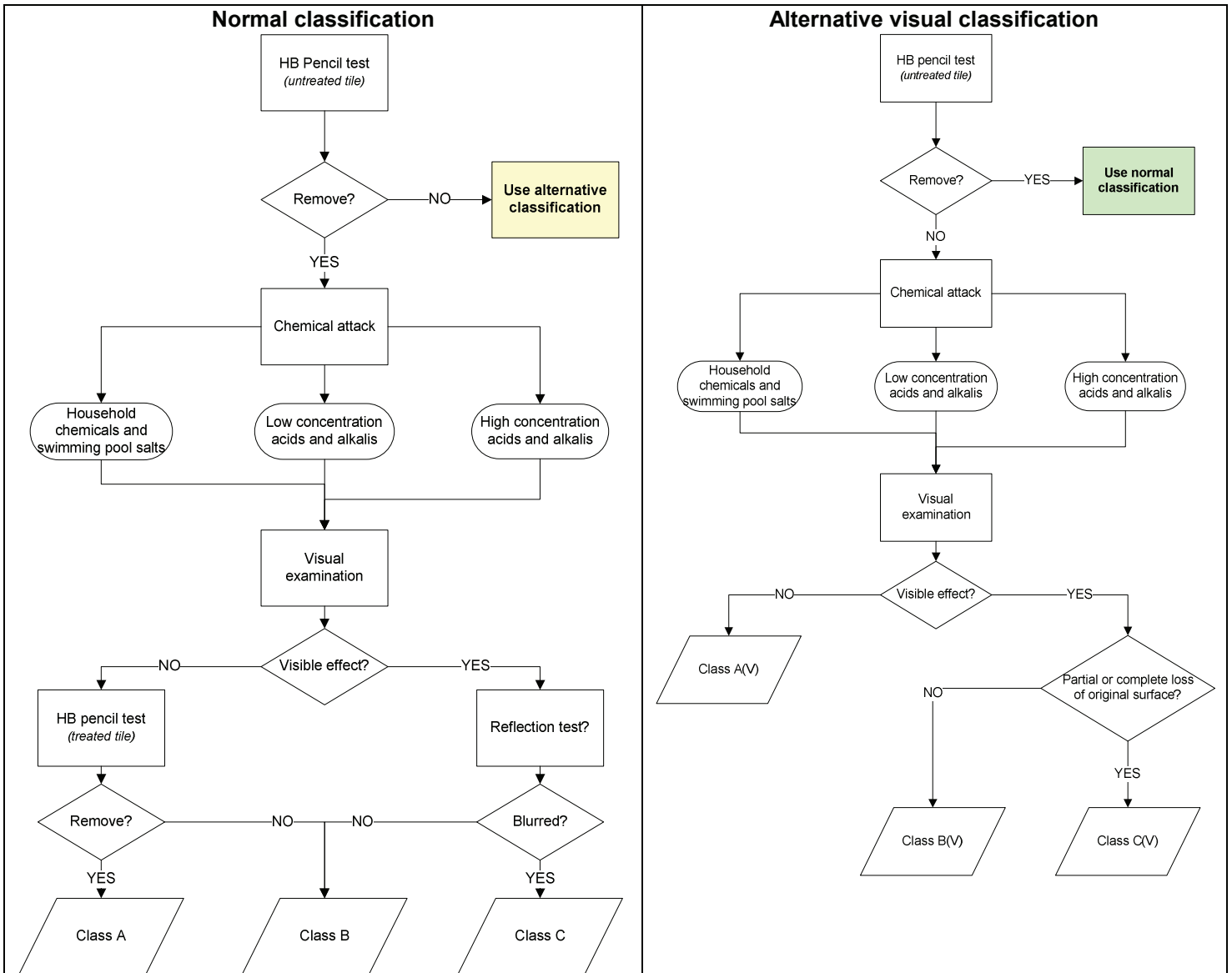
**DETERMINATION OF CHEMICAL RESISTANCE**

Beginning date : 02/12/2019

Analysis ending date : 06/12/2019

**SAMPLE** : Ceramic tiles, marked « serie Onyx & More articolo White porphyry superficie strutturato spessore 6 mm marchio casa Dolce casa »

**CLASSIFICATION**



**Examiner**  
  
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**RESULTS****Type of chemical attack:** contact on proper surface

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

		REQUIREMENTS
<b>CHEMICAL RESISTANCE</b>	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

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