

**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, 08/08/19

To **GRUPPO ROMANI S.P.A.**
VIA A.VOLTA 9
23/25
42013 CASALGRANDE RE

Attn. **sig. Marastoni**

MATERIAL and/or SAMPLE to be tested	Denomination of the Sample	Client Reference – Your delivery	date
PORCELAIN TILES	1066578 FOSSIL BRUNO RET 60X60	NS RITIRO	15/7/19

Here attached, you will receive the Test Report of Serial No. **20195779**/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: 20195779/1

Modena, 08/08/19

CUSTOMER	GRUPPO ROMANI S.P.A. - - VIA A.VOLTA 9 23/25 - 42013 - CASALGRANDE - RE
MATERIAL and/o SAMPLE to be tested	PORCELAIN TILES;
Denomination	1066578 FOSSIL BRUNO RET 60X60;
Date of sample reception	15/07/2019;
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. Fili Thomas

MODENA CENTRO PROVE

Ceramic Dept. Responsible
P.I. De Pasquale Roberto

MODENA CENTRO PROVE

Director
Sant'Unione dr. Giuseppe



DETERMINATION OF CHEMICAL RESISTANCE

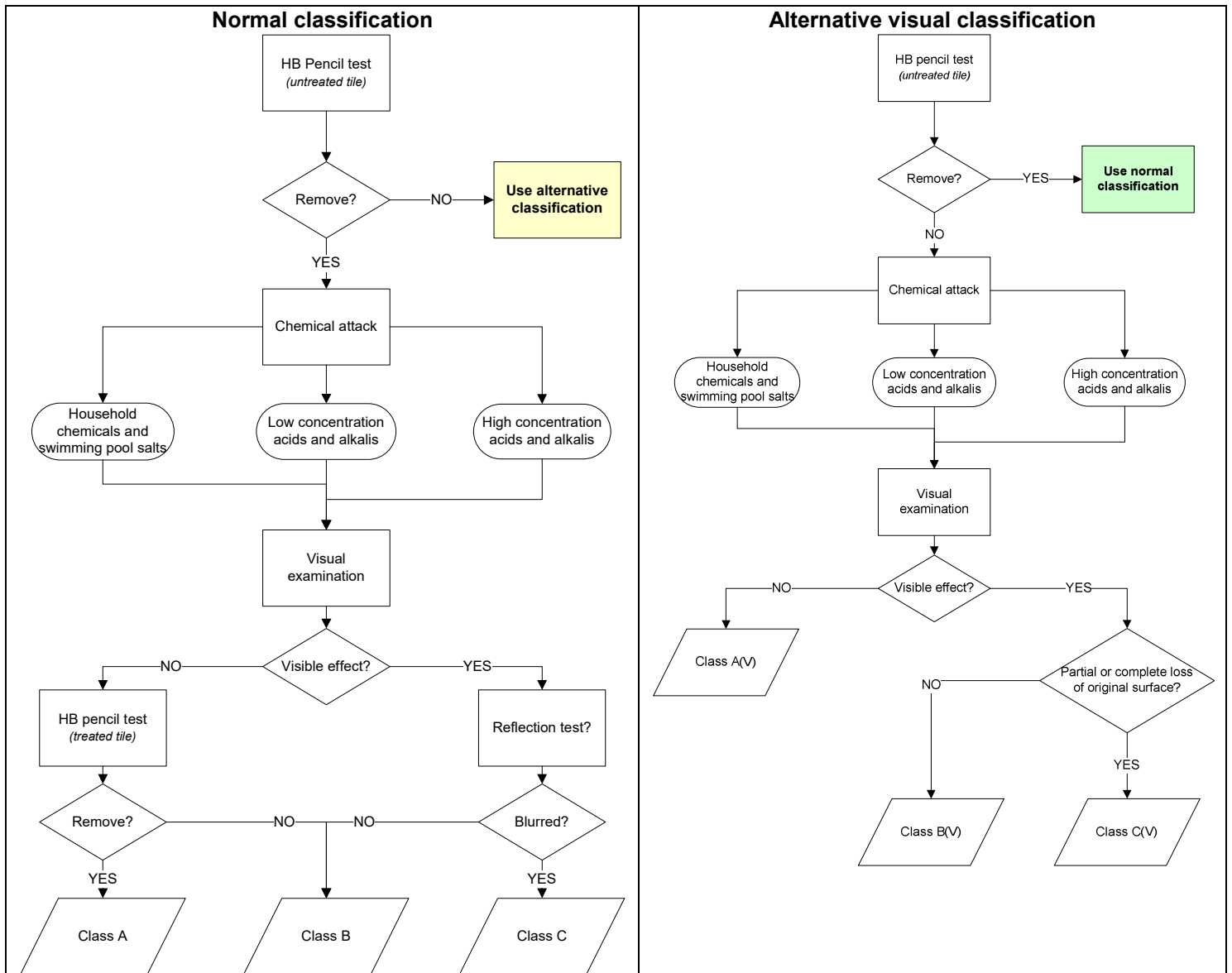
Beginning date : 02/08/2019

02/08/2019

Analysis ending date : 06/08/2019

SAMPLE : Ceramic tiles, marked «1066578 FOSSIL BRUNO RET 60X60 »

CLASSIFICATION



Examiner
Thomas
 P.I. Fili Thomas

MODENA CENTRO PROVE
Roberto De Pasquale
 Ceramic Dept. Responsible
 P.I. De Pasquale Roberto

MODENA CENTRO PROVE
Giuseppe Sant'Unione
 Director
 Sant'Unione dr. Giuseppe



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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. Fili Thomas	MODENA CENTRO PROVE Ceramic Dept. Responsible P.I. De Pasquale Roberto	MODENA CENTRO PROVE Director Sant'Unione dr. Giuseppe
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