

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

Sede legale e Laboratori: 41123 Modena (Italy) - Via Sallustio, 78  
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C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 - C.F. e P. IVA n. 01592020364

MECCANICA

ECOLOGIA

CERAMICA

AUTOMOTIVE

Modena, 28/06/21

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

Attn. **Dott. Davide Turrini**

| MATERIAL and/or SAMPLE to be tested | Denomination of the Sample   | Client Reference – Your delivery | date       |
|-------------------------------------|--|----------------------------------|------------|
| Porcelain tiles                     | serie Earthtech<br>articolo Pumice ground nat<br>superficie Comfort<br>formato 60x60<br>spessore 10 mm<br>brand Floor gres | Ns ritiro                        | 08/06/2021 |
|                                     |  |                                  |            |

Here attached, you will receive the Test Report of Serial No. **20214615**/n, which shows the results of tests required.

**MODENA CENTRO PROVE**

MODENA CENTRO PROVE  
  
Director  
Sant'Unione dr. Giuseppe



## TEST REPORT: 20214615/1

Modena, 28/06/21

### CUSTOMER

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

### MATERIAL and/o SAMPLE to be tested

Porcelain tiles;

### Denomination

serie Earthtech, articolo Pumice ground nat, superficie Comfort, formato 60x60, spessore 10 mm, brand Floor gres;

### Date of sample reception

08/06/2021;

### 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 C108

### Subcontracted phases

No one

### Sampling made by

Customer

*The test results reported in this Test Report refer only to the sample sampled by our staff and / or given by the Customer as received.*

*The sample identification data were provided by the customer. Further additional information provided by the Customer will be reported in the Test Report in blue color. If the information provided by the customer influences the validity of the results, MCP declines all responsibility.*

*Any changes / additions made to the Test Report after its first issue will be identified by underlining the text.*

*The Customer undertakes to reproduce this document in its entirety. Any form of partial reproduction is prohibited.*

*The storage times of the samples are indicated on the offer or contract to which this Test Report refers.*

|   |   |  |
|---|---|--|
| <p><b>Examiner</b><br/><br/>p.i. Bortolai Alberto</p> | <p><b>MODENA CENTRO PROVE</b><br/><br/>Ceramic Dept. Responsible<br/>P.I. De Pasquale Roberto</p> | <p><b>MODENA CENTRO PROVE</b><br/><br/>Director<br/>Sant'Unione dr. Giuseppe</p> |
|---|---|--|



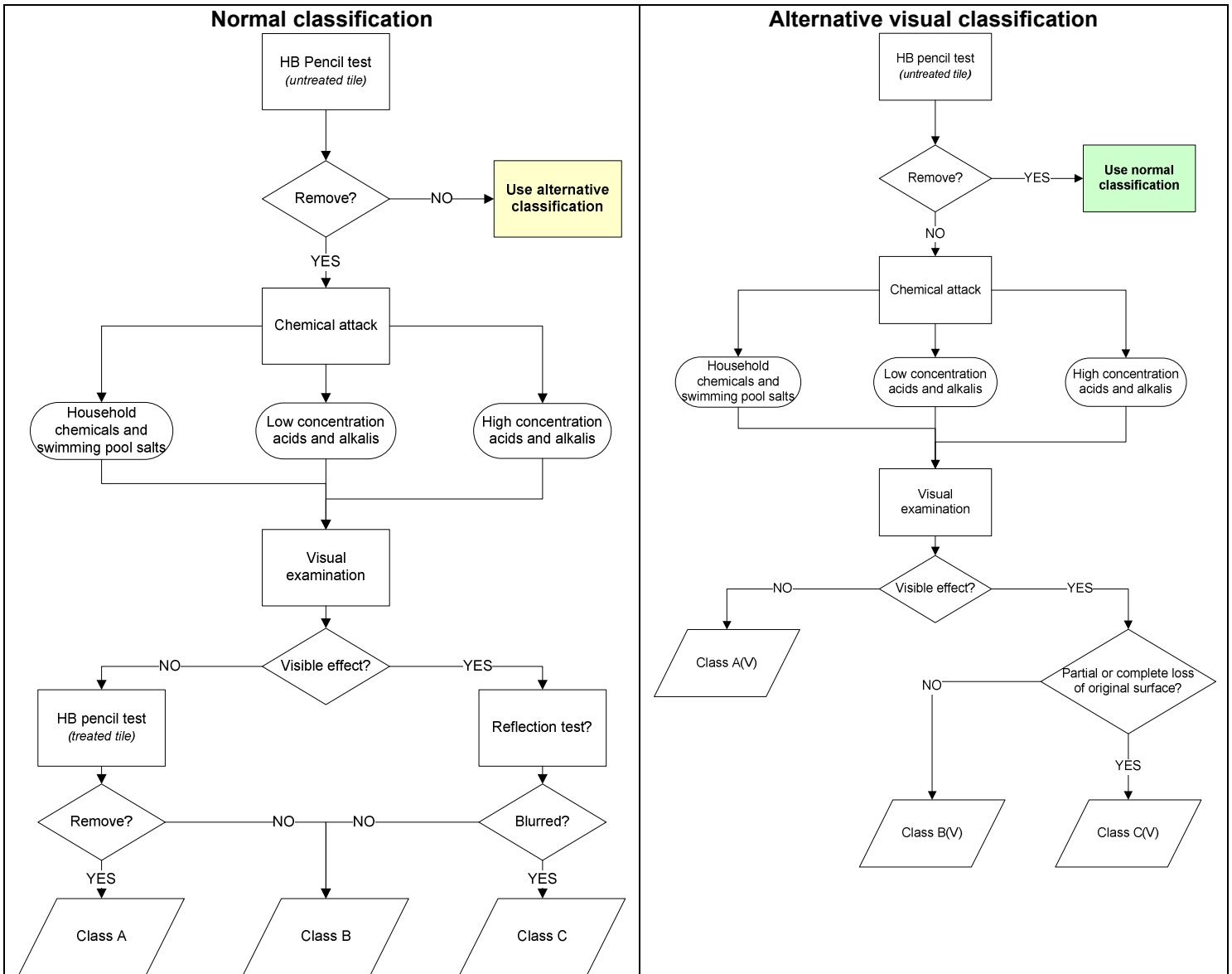
**DETERMINATION OF CHEMICAL RESISTANCE**

Beginning date : 24/06/2021

Analysis ending date : 28/06/2021

**SAMPLE** : Ceramic tiles, marked « serie Earthtech, articolo Pumice ground nat, superficie Comfort, formato 60x60, spessore 10 mm, brand Floor gres »

**CLASSIFICATION**



**Examiner**  
  
 p.i. Bortolai Alberto

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

**MODENA CENTRO PROVE**  
  
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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

## 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                           |

Examiner

  
p.i. Bortolai Alberto

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