TEST REPORT: 20207029/1

Modena, 10/12/20

CUSTOMER
FLORIM CERAMICHE SPA - - VIA CANALETTO 24 - 41042 - FIORANO MODENASE - MO

MATERIAL and/o SAMPLE to be tested
Porcelain tiles;

Denomination
Serie Les origines de Rex - Articolo Argent magnum matt - spessore 6 mm - formato 160x320 cm - marchio Rex;

Date of sample reception
10/11/2020;

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 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.
DETERMINATION OF CHEMICAL RESISTANCE

Beginning date : 16/11/2020
Analysis ending date : 20/11/2020

SAMPLE : Ceramic tiles marked « Serie Les origines de Rex - Articolo Argent magnum matt - spessore 6 mm - formato 160x320 cm - marchio Rex »

CLASSIFICATION

Normal classification

HB Pencil test (untreated tile)

Remove?  NO → Use alternative classification

YES → Chemical attack

Household chemicals and swimming pool salts
Low concentration acids and alkalis
High concentration acids and alkalis

Visual examination

NO → Visible effect?

YES → HB pencil test (treated tile)

Remove?  NO → NO → Blurred?

YES → Class A

Class B

Class C

Alternative visual classification

HB pencil test (untreated tile)

Remove?  YES → Use normal classification

NO → Chemical attack

Household chemicals and swimming pool salts
Low concentration acids and alkalis
High concentration acids and alkalis

Visual examination

NO → Visible effect?

YES → Class A(V)

Class B(V)

Class C(V)
<table>
<thead>
<tr>
<th>Test Solutions</th>
<th>Period of Test</th>
<th>Class of Resistance Sample 1</th>
<th>Class of Resistance Sample 2</th>
<th>Class of Resistance Sample 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium chloride 100 g/l</td>
<td>24 hours</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Sodium hypochlorite solution 20 mg/l</td>
<td>24 hours</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Citric acid solution 100 g/l</td>
<td>24 hours</td>
<td>LA</td>
<td>LA</td>
<td>LA</td>
</tr>
<tr>
<td>Hydrochloric acid solution 3% (V/V)</td>
<td>(96±1) hours</td>
<td>LA</td>
<td>LA</td>
<td>LA</td>
</tr>
<tr>
<td>Potassium hydroxide 30 g/l</td>
<td>(96±1) hours</td>
<td>LA</td>
<td>LA</td>
<td>LA</td>
</tr>
<tr>
<td>Hydrochloric acid solution 18% (V/V)</td>
<td>(96±1) hours</td>
<td>HA</td>
<td>HA</td>
<td>HA</td>
</tr>
<tr>
<td>Lactic acid 5% (V/V)</td>
<td>(96±1) hours</td>
<td>HA</td>
<td>HA</td>
<td>HA</td>
</tr>
<tr>
<td>Potassium hydroxide 100 g/l</td>
<td>(96±1) hours</td>
<td>HA</td>
<td>HA</td>
<td>HA</td>
</tr>
</tbody>
</table>