Modena, 11/12/20

To

FLORIM CERAMICHE SPA
VIA CANALETTO 24
41042 FIORANO MODENENSE MO

Attn. Dott. Turrini

<table>
<thead>
<tr>
<th>MATERIAL and/or SAMPLE to be tested</th>
<th>Denomination of the Sample</th>
<th>Client Reference – Your delivery</th>
<th>date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Porcelain tiles</td>
<td>Serie Reves de Rex - Articolo Bleu Magnum glossy - spessore 6 mm - formato 160x320 cm - marchio Rex</td>
<td>Ns ritiro</td>
<td>10/11/2020</td>
</tr>
</tbody>
</table>

Here attached, you will receive the Test Report of Serial No. 20207368/n, which shows the results of tests required.

MODENA CENTRO PROVE
TEST REPORT: 20207368/1

Modena, 11/12/20

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

MATERIAL and/o SAMPLE to be tested
Porcelain tiles;

Denomination
Serie Reves de Rex - Articolo Bleu Magnum glossy - spessore 6 mm - formato 160x320 cm - marchio Rex;

Date of sample reception
10/11/2020;

Date of sample acceptance
10/11/2020;

Kind of test executed
Determination of Water Absorption

Referring standards
UNI EN ISO 10545-3:2018

Shifting from standards
No one

Equipment
Scales cod. MCP A241 - Vacuum meter cod. C128 - 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 WATER ABSORPTION

Beginning date : 25/11/2020
Analysis ending date : 26/11/2020

SAMPLE : Ceramic tiles, marked « Serie Reves de Rex - Articolo Bleu Magnum glossy - spessore 6 mm - formato 160x320 cm - marchio Rex »

RESULTS

Original tile dimensions (cm): 160X320
Tested specimen dimensions (cm): 20X20
N° specimens tested: 12

<table>
<thead>
<tr>
<th>Sample n°</th>
<th>Water Absorption $E_r$ (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.17%</td>
</tr>
<tr>
<td>2</td>
<td>0.21%</td>
</tr>
<tr>
<td>3</td>
<td>0.15%</td>
</tr>
<tr>
<td>4</td>
<td>0.10%</td>
</tr>
<tr>
<td>5</td>
<td>0.21%</td>
</tr>
<tr>
<td>6</td>
<td>0.15%</td>
</tr>
<tr>
<td>7</td>
<td>0.14%</td>
</tr>
<tr>
<td>8</td>
<td>0.14%</td>
</tr>
<tr>
<td>9</td>
<td>0.14%</td>
</tr>
<tr>
<td>10</td>
<td>0.17%</td>
</tr>
<tr>
<td>11</td>
<td>0.16%</td>
</tr>
<tr>
<td>12</td>
<td>0.15%</td>
</tr>
</tbody>
</table>

Average value 0.16%
TEST REPORT: 20207368/2

Modena, 11/12/20

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

MATERIAL and/o SAMPLE to be tested
Porcelain tiles;

Denomination
Serie Reves de Rex - Articolo Bleu Magnum glossy - spessore 6 mm - formato 160x320 cm - marchio Rex;

Date of sample reception
10/11/2020;

Date of sample acceptation
10/11/2020;

Kind of test executed
Determination of modulus of rupture and breaking strengh

Referring standards
UNI EN ISO 10545-4:2019

Shifting from standards
No one

Equipment
Flexural test machine cod. MCP C152 - Gauge cod. MCP C145 - Metric bandmill cod. MCP C56

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 MODULUS OF RUPTURE AND BREAKING STRENGTH

Beginning date : 26/11/2020  Analysis ending date : 27/11/2020

SAMPLE : Ceramic tiles, marked « Serie Reves de Rex - Articolo Bleu Magnum glossy - spessore 6 mm - formato 160x320 cm - marchio Rex »

The test has been performed applying a load on three points, with the central load to contact with the centre line of the does superior of the tile.

RESULTS

The test has been performed on cut samples

| Width of the test specimen b | 200 mm |
| Dimension of tile L | 200 mm |
| Diameter of rod d | 20 mm |
| Thickness of rubber t | 5 mm |
| Overlap of tile beyond the edge supports l_r | 10 mm |

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>Unit of measure</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tile n°</td>
<td>mm</td>
<td>180</td>
<td>180</td>
<td>180</td>
<td>180</td>
<td>180</td>
<td>180</td>
<td>180</td>
<td>180</td>
<td>180</td>
</tr>
<tr>
<td>Minimum thickness of the specimen h</td>
<td>mm</td>
<td>5,8</td>
<td>5,8</td>
<td>5,8</td>
<td>5,7</td>
<td>5,8</td>
<td>5,8</td>
<td>5,7</td>
<td>5,8</td>
<td>5,8</td>
</tr>
<tr>
<td>Breaking load F</td>
<td>N</td>
<td>1232</td>
<td>1235</td>
<td>1326</td>
<td>1201</td>
<td>1294</td>
<td>1303</td>
<td>1265</td>
<td>1259</td>
<td>1280</td>
</tr>
<tr>
<td>Breaking strength S</td>
<td>N</td>
<td>1109</td>
<td>1112</td>
<td>1193</td>
<td>1081</td>
<td>1165</td>
<td>1173</td>
<td>1139</td>
<td>1133</td>
<td>1152</td>
</tr>
<tr>
<td>Modulus of rupture R</td>
<td>N/mm²</td>
<td>49,8</td>
<td>49,6</td>
<td>53,2</td>
<td>49,9</td>
<td>51,9</td>
<td>52,3</td>
<td>52,6</td>
<td>50,9</td>
<td>51,4</td>
</tr>
</tbody>
</table>

Breaking load F average value (N) = 1266
Breaking strength S average value (N) = 1140
Modulus of rupture R average value (N/mm²) = 51,3
TEST REPORT: 20207368/3

Modena, 11/12/20

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

MATERIAL and/o SAMPLE to be tested
Porcelain tiles;

Denomination
Serie Reves de Rex - Articolo Bleu Magnum glossy - spessore 6 mm - formato 160x320 cm - marchio Rex;

Date of sample reception
10/11/2020;

Kind of test executed
Determination of Chemical Resistance

Reffring 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.

Examiner
p.i. Bortolari Alberto

MODENA CENTRO PROVE

P.I. De Pasquale Roberto

Sant'Unione dr. Giuseppe
Determination of Chemical Resistance

Beginning date: 30/11/2020
Analysis ending date: 04/12/2020

Sample: Ceramic tiles, marked «Serie Reves de Rex - Articolo Bleu Magnum glossy - 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

Visible effect? NO → HB pencil test (treated tile)

YES → Reflection test?

Remove? NO NO → Blurred?

YES → Class C

Class A

Class B

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

Visible effect? NO → Partial or complete loss of original surface?

YES → Class A(V)

Class B(V)

Class C(V)
### RESULTS

<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>LB</td>
<td>LB</td>
<td>LB</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>HB</td>
<td>HB</td>
<td>HB</td>
</tr>
</tbody>
</table>
TEST REPORT: 20207368/4

Modena, 11/12/20

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

MATERIAL and/or SAMPLE to be tested
Porcelain tiles;

Denomination
Serie Reves de Rex - Articolo Bleu Magnum glossy - spessore 6 mm - formato 160x320 cm - marchio Rex;

Date of sample reception
10/11/2020;

Date of sample acceptance
10/11/2020;

Kind of test executed
Determination of the Resistance to Abrasion

Referring standards
UNI EN ISO 10545-7:2000

Shifting from standards
No one

Equipment
Abrasion tester cod. MCP C127

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 THE RESISTANCE TO ABRASION

Beginning date :  09/12/20  
Analysis ending date :  10/12/20

SAMPLE : Ceramic tiles, marked « Serie Reves de Rex - Articolo  Bleu Magnum glossy - spessore  6 mm - formato 160x320 cm - marchio Rex »

RESULTS

Stage of abrasion with visible variation (n° revolutions):  > 12000
Abrasion class:  5

CLASSIFICATION

1. Classification PEI

<table>
<thead>
<tr>
<th>Abrasion Stage: abrasion visible at n° of turn</th>
<th>Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>0</td>
</tr>
<tr>
<td>150</td>
<td>1</td>
</tr>
<tr>
<td>600</td>
<td>2</td>
</tr>
<tr>
<td>750 - 1500</td>
<td>3</td>
</tr>
<tr>
<td>2100 – 6000 – 12000</td>
<td>4</td>
</tr>
<tr>
<td>&gt;12000 and is in accordance with the stain resistance test UNI EN ISO 10545-14</td>
<td>5</td>
</tr>
</tbody>
</table>

2. Stain Classification of Abraded Tiles

<table>
<thead>
<tr>
<th>Test Solution</th>
<th>Standing Time</th>
<th>Resistance Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chrome green in light oil 40%</td>
<td>24 h</td>
<td>4</td>
</tr>
<tr>
<td>Iodine alcohol solution 1.3%</td>
<td>24 h</td>
<td>5</td>
</tr>
<tr>
<td>Olive oil T.Q.</td>
<td>24 h</td>
<td>5</td>
</tr>
</tbody>
</table>

3. Stain Classification

- Class 1 : stain not removed
- Class 2 : stain removed with the procedure D (immersion 24h in special solvent)
- Class 3 : stain removed with the procedure C (mechanical action with strong cleaning agent)
- Class 4 : stain removed with the procedure B (weak cleaning agent)
- Class 5 : stain removed with the procedure A (running water, 5’)

Examiner
p.i. Bortolari Alberto  
P.I. De Pasquale Roberto  
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

Page 2 di 2 di Test Report n° 20207368/4