LA ROCHE
GRAY
slate-hammered
24”x24” cod. 744680
16”x48” cod. 744632
V3-HIGH

On the cover:
VISIONS
WHITE
16”x48” cod. 744738
V2-MODERATE
2CM OUTDOOR
MADE IN FLORIM

FLORIM
3/4 INCH EXTRA THICK PORCELAIN SURFACES
MADE IN ITALY

2CM | 3/4IN
ADVANTAGES

The new solution made in 3/4” extra thick porcelain stoneware for outdoor tiling made by high-class quartzes and metal oxides pressed at 882lb/3/4” sintered at 2228°F

HARDER AND STRONGER THAN WOOD, CONCRETE, AND NATURAL STONES

RESISTANT TO THERMAL SHOCKS

CONTROLLED COLOR VARIATION AND QUALITY

THROUGH-BODY COLOR

HIGHLY RESISTANT TO CHEMICALS, MOLD & MILDEW, SALT & CORROSION, AND STAINS

SQUARED

EASY TO REMOVE

QUICK AND EASY TO INSTALL

EASY TO CLEAN

ENDLESS DESIGN OPTIONS

GREEN CERTIFIED BY

Greenguard, Greenguard Gold, Uureau Veritas, Certified for export to China, CE, TÜV SÜD
FIELDS OF APPLICATION

OUTDOOR TILING IN PRIVATE DWELLINGS

- Gardens
- Terraces
- Patios
- Entrance footpaths
- Pools

OUTDOORS AND HI-TRAFFIC INDOORS

- Industrial areas
- Urban spaces
- Public parks
- Wellness and hospitality areas
ICON OUTDOOR
LIGHT GRAY
slate-hammered
24”x24” cod. 740400
V3·HIGH
DIRECT INSTALLATION ON GRASS

The 2CM Florim porcelain tile can be easily positioned on grass, removed and repositioned, allowing maximum flexibility in creating different configurations. 2CM Florim porcelain tiles can be installed either with a minimum joint, or with a 1/2” joint or larger (called Japanese joint).

Installation steps

Remove 2” of soil in the area where you want to place the 2CM Florim tiles;

Apply and compact evenly 1” of gravel into the area you have cleared;

Directly lay the Florim porcelain tile on the gravel bed and tap it with a rubber hammer to eliminate any unevenness.

Warnings: always check that the surface of the slab is level with the surface of the grass, in order to avoid damage when the grass is mowed mechanically. The system cannot be used in cases where motor vehicles and/or high dynamic loads transit in the selected area.

LAYING ON GRAVEL AND SAND

The materials can be laid easily on sand or gravel; the system is also easy to remove and reposition, thereby allowing maximum creativity in laying the materials; the system can also be applied either with minimum joint or with the slabs arranged with a joint of at least 1 cm between the slabs.

Installation steps

Level and compact the surface (sand or gravel);

Position the 2CM Florim porcelain tile on the gravel/sand bed;

Tap the tiles with a rubber hammer to eliminate any unevenness and fill the joints between the tiles with gravel/sand to add stability to the surface.

Warnings: always check that the surface of the slab is level with the surface of the grass, in order to avoid damage when the grass is mowed mechanically. The system cannot be used in cases where motor vehicles and/or high dynamic loads transit in the selected area.
Mainly, there are three raised floor systems that the customers can adopt to install the 2CM Florim porcelain tiles: fixed support, adjustable support, and self-leveling support.

Installation steps

Ensure that the area where the raised system will be installed is flat, compact, rigid, and make sure it can support the weight of the new floor;

Choose the raised floor system that best suits your use. Remember that the raised floor has to be installed to provide adequate drainage of rain water.

Warnings: these systems cannot be used when high dynamic loads transit in the area.

There are no special instructions regarding the adhesive installation of the 2CM Florim porcelain tiles.

Reminders: It is always worthwhile to verify the consistency and flatness of the existing bed before starting the gluing process. When laying the porcelain tiles in environments that are subject to strong static or dynamic loads we recommend gluing them using a Class C2 improved adhesive and double coating (on the bed and on the back of the porcelain tile). If various sizes of tiles are being laid to create modular patterns, remember that Florim modular systems are designed to be installed with 1/8” joints.
COLORS AND FINISHES

STONE

WALKS/1.0
WHITE MATTE
16"x48" cod. 740560
24"x24" cod. 740558
V4-RANDOM

MATERIAL STONES
MATERIAL 03
bush-hammered
24"x24" cod. 744288
16"x32" cod. 744294
V3-HIGH

MATERIAL STONES
MATERIAL 09
bush-hammered
24"x24" cod. 744291
16"x32" cod. 744297
V3-HIGH

BUILDTECH
CLAY TU
slate-hammered
24"x24" cod. 749135
V1-LOW

BUILDTECH
CLAY GG
slate-hammered
24"x24" cod. 749139
V1-LOW

BUILDTECH
CLAY SA
slate-hammered
24"x24" cod. 749143
V1-LOW

LA ROCHE
ECRU
slate-hammered
24"x24" cod. 744629
16"x48" cod. 744631
V3-HIGH

BUILDTECH
BONE TU
slate-hammered
24"x24" cod. 749133
V1-LOW

BUILDTECH
BONE GG
slate-hammered
24"x24" cod. 749137
V1-LOW

BUILDTECH
BONE SA
slate-hammered
24"x24" cod. 749141
V1-LOW

MATERIAL STONES
MATERIAL 08
bush-hammered
24"x24" cod. 744290
16"x32" cod. 744296
V3-HIGH

MATERIAL STONES
MATERIAL 01
bush-hammered
24"x24" cod. 744287
16"x32" cod. 744293
V3-HIGH

MATERIAL STONES
MATERIAL 03
bush-hammered
24"x24" cod. 744288
16"x32" cod. 744294
V3-HIGH

MATERIAL STONES
MATERIAL 09
bush-hammered
24"x24" cod. 744291
16"x32" cod. 744297
V3-HIGH

MATERIAL STONES
MATERIAL 01
bush-hammered
24"x24" cod. 744287
16"x32" cod. 744293
V3-HIGH
BUILDTECH
SAND GG
slate-hammered
24”x24” cod. 749138
V1-LOW

BUILDTECH
SAND TU
slate-hammered
24”x24” cod. 749134
V1-LOW

BUILDTECH
SAND SA
slate-hammered
24”x24” cod. 749142
V1-LOW

MATERIAL STONES
MATERIAL 07
bush-hammered
24”x24” cod. 744289
16”x32” cod. 744295
V3-HIGH

BUILDTECH
MUD GG
slate-hammered
24”x24” cod. 749140
V1-LOW

TECH #2CM
LIGHT GRAY
slate-hammered
16”x48” cod. 740413
24”x24” cod. 740411
V4-RANDOM

LA ROCHE
GRAY
slate-hammered
24”x24” cod. 744630
16”x48” cod. 744632
V3-HIGH

BUILDTECH
MUD SA
slate-hammered
24”x24” cod. 749144
V1-LOW

WALKS/1.0
GRAY MATTE
16”x48” cod. 740561
24”x24” cod. 740559
V4-RANDOM

TECH #2CM
GRAY
slate-hammered
16”x48” cod. 740412
24”x24” cod. 740034
V4-RANDOM

PIETRA DEL NORD
NERO
24”x24” cod. 743128
16”x48” cod. 741621
V2-MODERATE
WOOD

DETAILS WOOD
WHITE
24"x24" cod. 744317
16"x32" cod. 744320
V3-HIGH

ICON OUTDOOR
WHITE
slate-hammered
24"x24" cod. 740401
16"x48" cod. 740407
V3-HIGH

DETAILS WOOD
GRAY
24"x24" cod. 744318
16"x32" cod. 744321
V3-HIGH

ICON OUTDOOR
GRAY
slate-hammered
24"x24" cod. 745697
16"x48" cod. 745690
V3-HIGH

ICON OUTDOOR
BEIGE
slate-hammered
24"x24" cod. 745699
16"x48" cod. 745691
V3-HIGH

ICON OUTDOOR
GRAY
slate-hammered
24"x24" cod. 740033
16"x48" cod. 740405
V3-HIGH

ICON OUTDOOR
BEIGE GRIP
24"x24" cod. 744319
16"x32" cod. 744322
V3-HIGH

ICON OUTDOOR
LIGHT GRAY
slate-hammered
24"x24" cod. 740400
16"x48" cod. 740406
V3-HIGH

ICON OUTDOOR
AMBER
slate-hammered
24"x24" cod. 744633
16"x48" cod. 744635
V3-HIGH

ICON OUTDOOR
GRAY
slate-hammered
24"x24" cod. 744634
16"x48" cod. 744636
V3-HIGH

ICON OUTDOOR
LIGHT GRAY
slate-hammered
24"x24" cod. 745697
16"x48" cod. 745690
V3-HIGH

ICON OUTDOOR
BEIGE GRIP
24"x24" cod. 745699
16"x48" cod. 745691
V3-HIGH

ICON OUTDOOR
BEIGE
slate-hammered
24"x24" cod. 745699
16"x48" cod. 745691
V3-HIGH

ICON OUTDOOR
AMBER
slate-hammered
24"x24" cod. 744633
16"x48" cod. 744635
V3-HIGH

ICON OUTDOOR
GRAY
slate-hammered
24"x24" cod. 744634
16"x48" cod. 744636
V3-HIGH

ICON OUTDOOR
LIGHT GRAY
slate-hammered
24"x24" cod. 745697
16"x48" cod. 745690
V3-HIGH

ICON OUTDOOR
BEIGE GRIP
24"x24" cod. 745699
16"x48" cod. 745691
V3-HIGH

ICON OUTDOOR
BEIGE
slate-hammered
24"x24" cod. 745699
16"x48" cod. 745691
V3-HIGH
CEMENT

VISIONS
WHITE
24”x24” cod. 744735
16”x48” cod. 744738
V2-MODERATE

INDUSTRIAL
IVORY
bush-hammered
24”x24” cod. 738961
V2-MODERATE

VISIONS
SAND
24”x24” cod. 744581
16”x16” cod. 744737
V2-MODERATE

VISIONS
SILVER
24”x24” cod. 744580
16”x48” cod. 744736
V2-MODERATE

INDUSTRIAL
TAUPE
bush-hammered
24”x24” cod. 738964
V2-MODERATE

INDUSTRIAL
SAGE
bush-hammered
24”x24” cod. 738962
V2-MODERATE

INDUSTRIAL
STEEL
bush-hammered
24”x24” cod. 738963
V2-MODERATE

INDUSTRIAL
MOKA
bush-hammered
24”x24” cod. 738965
V2-MODERATE

INDUSTRIAL
PLOMB
bush-hammered
24”x24” cod. 738966
V2-MODERATE
PIETRA DEL NORD
NERO
24"x24" cod. 743128
V2-MODERATE
WALKS/1.0
WHITE MATTE
16"x48" cod. 740560
V4-RANDOM
WALKS/1.0
WHITE MATTE
24”x24” cod. 740558
V4-RANDOM

WALKS/1.0
GRAY MATTE
24”x24” cod. 740559
V4-RANDOM
LA ROCHE
ECRU
slate-hammered
24" x 24" cod. 744629
V3-HIGH
TECH #2CM
GRAY
slate-hammered
24”x24” cod. 746034
V4-RANDOM
WOOD LOOKS
ICON OUTDOOR
LIGHT GRAY
slate-hammered
24”x24” cod. 740400
V3-HIGH
ICON OUTDOOR
LIGHT GRAY
slate-hammered
24"x24" cod. 740400
V3-HIGH
CEMENT LOOKS
VISIONS
SAND
16”x16” cod. 744737
V2-MODERATE
VISIONS
WHITE
16”x48” cod. 744738
V2-MODERATE
Each FLORIM product is characterized by a degree of color shading that varies from product to product, from color to color. Color shading means chromatic variation from tile to tile in every box. It is not possible to request FLORIM in color shade variations other than those shown per item.

<table>
<thead>
<tr>
<th>Shade Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1</td>
<td>The least amount of shade and texture variation. Attainable in naturally fired clay products.</td>
</tr>
<tr>
<td>V2</td>
<td>Light to moderate shade and texture variation within each carton.</td>
</tr>
<tr>
<td>V3</td>
<td>High shade texture variation within each carton.</td>
</tr>
<tr>
<td>V4</td>
<td>Very high shade and texture variation within each carton.</td>
</tr>
</tbody>
</table>

**ICON OUTDOOR**

**LIGHT GRAY**

slate-hammered

24”x24” cod. 740400

V3-HIGH
<table>
<thead>
<tr>
<th>SPEC.</th>
<th>TEST METHOD</th>
<th>REFERENCE VALUE</th>
<th>DECLARED VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static coefficient of friction</td>
<td>ASTM - C 1028</td>
<td>&gt; 0.60 dry and wet</td>
<td>&gt; 0.60 dry and wet</td>
</tr>
<tr>
<td>Dynamic coefficient of friction (sect n 9.6 ANSI A 137.1 2012)</td>
<td>DCOF Acutest</td>
<td>&gt; 0.42 wet</td>
<td>&gt; 0.42 wet</td>
</tr>
<tr>
<td>Resistance to freeze</td>
<td>ASTM - C 1026</td>
<td>required</td>
<td>Resistant</td>
</tr>
<tr>
<td>Frost resistance</td>
<td>ISO - 10545-12</td>
<td>As reported</td>
<td>Resistant</td>
</tr>
<tr>
<td>Chemical resistance</td>
<td>ASTM - C 650</td>
<td>As reported</td>
<td>Not affected</td>
</tr>
<tr>
<td>Resistance to domestic chemicals and add itives for swimming pools</td>
<td>ISO - 10545-13</td>
<td>UB minimum</td>
<td>UA</td>
</tr>
<tr>
<td>Resistance to low concentrations of acids and alkali</td>
<td>ISO - 10545-14</td>
<td>See manufacturer’s declaration</td>
<td>ULA</td>
</tr>
<tr>
<td>Resistance to high concentrations of acids and alkali</td>
<td>ISO - 10545-15</td>
<td>See manufacturer’s declaration</td>
<td>UHA</td>
</tr>
<tr>
<td>Resistance to staining</td>
<td>ASTM - C 1378</td>
<td>As reported</td>
<td>Not affected</td>
</tr>
<tr>
<td>ISO - 10545-14</td>
<td>-</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Maximum straightness deviation, in %, in relation to the corresponding production dimensions</td>
<td>ASTM - C 485</td>
<td>±0.75% (±1.8 mm)</td>
<td>±10%</td>
</tr>
<tr>
<td>ISO - 10545-2</td>
<td>±0.5% (±1.5 mm)</td>
<td>±10%</td>
<td></td>
</tr>
<tr>
<td>Admitted deviation, in %, of the average thickness of each tile from the production dimensions</td>
<td>ASTM - C 499</td>
<td>± 1.2 mm</td>
<td>±0.5%</td>
</tr>
<tr>
<td>ISO - 10545-2</td>
<td>±0.5% (±0.5 mm)</td>
<td>±0.5%</td>
<td></td>
</tr>
<tr>
<td>Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions</td>
<td>ASTM - C 499</td>
<td>±0.5 % (±2.0 mm)</td>
<td>± 0.15 %</td>
</tr>
<tr>
<td>ISO - 10545-2</td>
<td>±0.6 % (±2 mm)</td>
<td>± 0.15 %</td>
<td></td>
</tr>
<tr>
<td>Amount of water absorbed, in percentage</td>
<td>ASTM - C 373</td>
<td>≤ 0.5%</td>
<td>≤ 0.1%</td>
</tr>
<tr>
<td>ISO - 10545-3</td>
<td>≤ 0.5%</td>
<td>≤ 0.1%</td>
<td></td>
</tr>
<tr>
<td>Breaking strength in N (thickness &gt; = 7.5 mm)</td>
<td>ASTM - C 648</td>
<td>≥ 2500 LBF Average</td>
<td>≥ 2750 LBF Individual</td>
</tr>
<tr>
<td>ISO - 10545-4</td>
<td>≥ 1300 Newton</td>
<td>&gt; 13000</td>
<td></td>
</tr>
<tr>
<td>Resistance to deep abrasion of unglazed tiles</td>
<td>ASTM - C 1243</td>
<td>&lt; 175 mm 3</td>
<td>&lt; 150</td>
</tr>
<tr>
<td>ISO - 10545-6</td>
<td>&lt; 175 mm 3</td>
<td>&lt; 150</td>
<td></td>
</tr>
<tr>
<td>Thermal shock resistance</td>
<td>ASTM - C 484</td>
<td>-</td>
<td>Meets the requiremen</td>
</tr>
<tr>
<td>ISO - 10545-9</td>
<td>-</td>
<td>Resistant</td>
<td></td>
</tr>
</tbody>
</table>