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VERSATILE, RESISTANT & FUNCTIONAL

- Can easily be removed, inspected, reused & is eco-friendly
- Colors remain stable overtime
- Easy to install

- Easy to clean
- Frost-resistant and fire-proof
- Non-slip

- Resistant to heavy loads
- Resistant to mold & bacteria
- Resistant to salt

- Resistant to stains, acids & chemical agents
- Resistant to thermal shock
- Resistant to vehicular passage (installed on screed)

INTENDED USES

The characteristics of Ecoscape and its ease of installation, both with or without adhesive, make the Ecoscape 20mm porcelain pavers by Florida Tile the best solution for external flooring of public and residential areas, such as those listed below.

- Walkways
- Garden paths and swimming pools
- Parking lots
- Terraces
- Public parks and gardens
- Bathing facilities
- Industrial areas
- Urban space areas
Ecoscape by Florida Tile 20mm porcelain paver is an innovative solution that is very versatile due to the numerous laying possibilities it offers: dry installation on grass or gravel, as well as adhesive-based installation.

**DRY INSTALLATION ON GRASS**
- Easy to lay, adjust, and/or move
- Ideal solution for public parks and private gardens

**DRY INSTALLATION ON GRAVEL**
- Easy to lay, adjust, and/or move
- Aesthetic features ideal for enhancing contemporary buildings

**ELEVATED FLOOR INSTALLATION**
Due to the lack of accepted industry standards for pedestal tile installations, Florida Tile is unable to warrant or certify its products for installation using pedestals. If you decide to install 2cm tile in an elevated floor installation, please ensure that all pedestal manufacturer recommendations and installation guidelines are followed, and that a qualified installer is engaged.

In the case of external dry installations, the force of the wind, in particular types of applications or geographical locations, can cause lifting of the slabs. It is recommended that the professional installer always check the suitability of the installation system selected according to local regulations in force.

**NOTE:** Failure to follow the above recommendations may result in misuse of the product and cause injury to persons and/or damage to property.
03.1 DRY INSTALLATION ON GRASS

LAYING STEPPING STONES
To create a pathway with stepping stones it is important to determine the number of steps necessary, making sure that the tiles are positioned at equal distances. To obtain maximum stability, it is recommended to dig out approximately 5cm of soil, then place a fine layer of gravel. Compact the substrate, then position the tile. It is better to lay the surface of the pavers level with the turf to avoid lawn mower damage.

NECESSARY MATERIALS FOR LAYING ON GRASS
Shovel, fine gravel (grain size 4/8mm), trowel with square tip, rubber mallet, work gloves, and lifting tong.

Position the 20mm tiles on the ground to determine their correct positioning, making sure that they are placed at equal distances.

Remove the turf and dig out about 5cm of soil.

Lay the 20mm paver, so as to have an approximately 0.5cm level difference, between the paver and the ground.

Mark the perimeter of the 20mm tile using a spade in the soil.

Form a stable and uniform substrate using fine gravel (grain size 4/8mm).

Using a rubber mallet, hammer the edge until the 20mm paver is at the same level as the grass.

The application layers proposed with are to be taken as an indication, with the sole purpose of explaining how to obtain a correct installation. It is recommended to always refer to specific norms and regulations in each individual country and the instructions of the design team.
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Form a stable and uniform substrate using fine gravel (grain size 4/8mm).

Level the substrate with a metal straightedge.

Position the paver and then compact the edges in order to equalize the paver with the substrate. It is suggested to use a joint of 4mm to allow good water drainage.

**GRAVEL (GROUND / SOIL)**

- Florida Tile Ecoscape 20mm porcelain paver
- 5-6cm of gravel with a fine grain size 4/8mm
- Draining layer
- Ground

**GRAVEL (FLOOR) LAYING ON FLAT HARD SURFACE**

- Florida Tile Ecoscape 20mm porcelain paver
- Ballast (5-6cm of gravel with grain size 4/8mm)
- Separation layer of drainage membrane
- Waterproof layer
- Sloped screed
- Floor base
03.3 INSTALLATION ON SCREED WITH ADHESIVE

The application layers proposed are to be taken as an indication, and have the sole purpose of explaining how to obtain a correct installation. It is recommended to always refer to the specific norms and regulations in each individual country and the instructions of the design team.

Before proceeding with the installation, clean the substrate thoroughly.

Check the planarity of the flooring during the laying operation.

In correspondence with a structural or dividing joint in the screed, it is mandatory to provide an expansion joint with a width that is at least the size of the existing one.

For a planar end result, it is important to apply a homogeneous layer of adhesive.

Once the installation is finished, grout the flooring. Remember to observe the times indicated by the manufacturer for light foot traffic before walking on the pavers.

‘Post-laying’ cleaning helps remove residues of grout-joints, cement, and lime. It is mandatory at the end of the floor installation process.

If there are joints between different surface types (e.g. between reinforced concrete and other paving), it is mandatory to provide an expansion joint.

Around fixed elements of the supporting surface, such as walls, steps, columns, etc., it is mandatory to provide peripheral joints with a width of between 4 and 12mm.

For external installation on screed with adhesive we recommend a joint of at least 5mm. The size and position of the expansion joints must be established by the installation supervisor. They must have a width of between 4 and 12mm, and divide the surface into regular areas with sizes ranging from 3x3m to 4x2.5m.
The application layers proposed are to be taken as an indication, and have the sole purpose of explaining how to obtain a correct installation. It is recommended to always refer to the specific norms and regulations in each individual country and the instructions of the design team.
### TECHNICAL CHARACTERISTICS

**ACCORDING TO ANSI® A137.1 UNGLAZED PORCELAIN TILES (CLASS P1)**

<table>
<thead>
<tr>
<th>TECHNICAL CHARACTERISTICS</th>
<th>Test method</th>
<th>Required values</th>
<th>Average values</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ATSM®</td>
<td>ANSI® A137.1</td>
<td>UGL (unglazed)</td>
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<tr>
<td>DCOF</td>
<td>A326.3</td>
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<tr>
<td>Water Absorption</td>
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<td>Breaking Strength</td>
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<td>Heavy commercial</td>
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<td>Linear Thermal Expansion</td>
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<td>α≤8x10^-6°C^-1</td>
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<td></td>
<td>α≤4.4x10^-6°F^-1</td>
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<tr>
<td>Thermal Shock Resistance</td>
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<td>≥ 50 PSI</td>
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<tr>
<td>Stain Resistance</td>
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<td></td>
<td>C-485</td>
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<td></td>
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<td></td>
<td>C-499</td>
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</table>

(*) no hydrofluoric acid and its derivatives

Color reproductions in this printed piece may vary from actual tile colors.