



## 2CM PAVER INSTALLATION GUIDELINES

The following instructions are to be used as a guide only. Please consult your professional installer for the most accurate installation method.

### **WARNING FOR INSTALLATIONS UNGLUED AND ABOVE GROUND**

- Outdoor pavers installed unglued, above ground level are subject to the action of the wind. In some cases, there is a risk of the pavers becoming airborne. The manufacturer recommends installation by a qualified, professional installer in order to check the suitability of the installation system for above ground installations.
- With regard to a raised floor installation, the 2cm porcelain paver may fracture on impact if a heavy object falls on it from any significant height; therefore, the manufacturer recommends to check the specific intended use before starting the installation, and to follow the recommended installation guidelines provided.
- With regard to any dry installation system of flooring for above ground installations, the manufacturer recommends to comply with local regulations and conditions of use with regard to wind load, loadbearing, seismic events, etc.

### **INSTALLATION TYPES:**

#### **DRY INSTALLATION**

The dry installation allows for the positioning of the pavers directly onto substrates in grass, gravel or sand to create pedestrian pathways that can be immediately walked upon.

#### **RAISED INSTALLATION**

The raised installation for outdoor application allows for the creation of a technical gap of variable height between the substrate and the floor. It can be removed and/or replaced and inspected at any time without damaging the surface, and allows for irrigation systems, pipes and lighting to be concealed.

#### **TRADITIONAL ADHESIVE INSTALLATION**

The traditional adhesive installation onto screed provides an excellent breakage load thanks to the performance of the 2cm thick pavers.

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### **2CM PAVERS ON PEDESTALS**

#### **PEDESTAL INSTALLATIONS – UP TO 2CM (3/4") HIGH:**

24x24 requires 4 pedestal supports per paver

18x36 requires 6 pedestal supports per paver

12x48 requires 6 pedestal supports per paver

#### **PEDESTAL INSTALLATIONS – UP TO 10CM (4") HIGH:**

24x24 requires 4 pedestal supports per paver + double layer fiberglass mesh or galvanized steel plate backing

18x36 requires 6 pedestal supports per paver + galvanized steel plate backing

12x48 requires 6 pedestal supports per paver + galvanized steel plate backing

**WE DO NOT RECOMMEND INSTALLATIONS OVER 10CM (4") IN ANY CASE**

### **DRY INSTALLATION – GRASS OR GROUND**

1. PREPARATION OF THE SUBSTRATE: Remove as much of the grass or ground cover as possible from the area where the pavers are to be placed and wet the ground. Dig substrate to 5-6 cm (2" - 2-1/2"). Fill with a gravel layer of 4-8mm (3/8" - 3/4"). Compact the substrate before installation.
2. INSTALLATION OF PAVERS: Place the pavers in accordance with your desired installation pattern and beat the surface using a white rubber/PVC hammer to set them in place.
3. JOINTS: It is recommended to place the pavers leaving at least 2cm (3/4") between each paver.

### **DRY INSTALLATION - GRAVEL ON GROUND**

\*For the correct installation of 2cm pavers on gravel onto ground, in case of concentrated loads (gazebos, large planters, masonry barbecues, heavy furniture, etc.), it is recommended to follow the following guidelines:

1. PREPARATION OF THE SUBSTRATE: Dig the substrate to 20cm (8").
2. DRAINING LAYER: Prepare a layer of 10cm (4") made up of gravel and pebbles with 16-35mm (3/4" - 1-1/2") of sand to allow for the drainage of rain water. In order to avoid possible breakage of the pavers, compact and level off the substrate with a minimum incline of 2%.
3. BASE INSTALLATION: Create the installation bed made up of gravel with 4-8mm (3/8"-3/4") bedding sand for a thickness of at least 10cm and level it off.
4. INSTALLATION OF PAVERS: Place the pavers in accordance with your desired installation pattern and beat the surface using a white rubber/PVC hammer to set them in place.
5. JOINTS: It is recommended to install the pavers leaving at least 3mm (1/8") between each one using proper spacers between tiles. Joints can be left void, filled with non-clayish washed sand or with a draining polymer sand specific grout.

### **DRY INSTALLATION – SAND**

1. PREPARATION OF THE SUBSTRATE: Prepare a bedding sand substrate of at least 5-10cm (2" - 4") and level it off.
2. INSTALLATION OF PAVERS: Place the pavers in accordance with your desired installation pattern and beat the surface using a white rubber/PVC hammer to set them in place.
3. JOINTS: It is recommended to place the pavers leaving at least 2cm (3/4") between each one.

### **DRY INSTALLATION ON BALCONIES OR TERRACES**

Please consult your installer, professional landscaper or landscape architect/designer for the proper waterproofing method.

### **TRADITIONAL ADHESIVE INSTALLATION**

Please consult your tile setter for a typical mortar bed installation.