

## Installation Guidelines – Wet Lay Application

### Getting Started

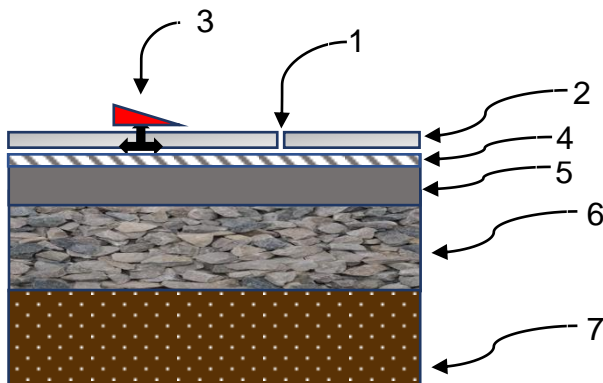
Stargres Porcelain Pavers prides itself on Safety & Quality. Please ensure to be equipped with the appropriate PPE (Personal Protective Equipment) prior to beginning the installation.

Please note:

- Installations should always be done on undisturbed native subsoil. Drainage and frost protection must also be considered when designing the space.
- The porcelain surface and the base should always slope away from buildings and/or structures to prevent potential water damage.
- Local building codes should always be reviewed prior to design and installation.
- A rubber mallet can be used to adjust / compact the paver. Use of heavy machinery/compactors can damage or break the paver.
- The cross section of the installation in this document is a guideline. A qualified professional should always determine actual design specifications.
- A diamond blade designed for porcelain should be used to cut the paver. Always wet-cut porcelain pavers for best results, this will also prevent harmful dust from getting airborne.

### **Installations:**

A successful installation requires a proper base. The below cross section is the recommended base construction for Stargres Porcelain Pavers.



Layer	Material Specifications
1	Sanded Tile Grout
2	Stargres Porcelain Paver 2cm
3	Tile - Self Leveling Clips
4	Butter mortar onto concrete and paver, Polymeric Mortar – <b>Mapei Ultraflex 2</b>
5	<b>Minimum 4" – 6" Thick</b> Concrete Slab
6	$\frac{3}{4}$ " Clear Gravel – Properly Compacted Leveled/Sloped
7	Undisturbed Native Soil

Once the concrete slab is poured between 4" – 6" thick and smoothed. Follow the guidelines of a concrete installer/manufacturer for best results.

To Install the porcelain pavers, start by mixing your **Mapei Ultraflex 2 Mortar** by following the specification and mixing ratios on the bag.

Then start by buttering a 1 tile section with a standard trowel on the concrete and back buttering the tile. Now place your tile and with a rubber mallet ensure leveling and sloping is adequate.

**Ensure you are using a self leveling tile clips system.**

When all the stones are in place and levelled / sloped properly, the joints can be swept full of polymeric sand. Kindly follow the instructions of the polymeric sand manufacturer, keeping in mind to keep the sand within the joints and not on the surface of the porcelain paver.

Polymers in the sand can leave behind residue on the surface of the porcelain paver which would require extensive cleaning afterward.

