

PORCELAIN PAVER INSTALLATION GUIDE

Please inspect packaging prior to installation. Pallets should be blended if more than one pallet installed.

DO NOT INSTALL WITHOUT CHECKING ALL THE SHADES AND COLORS ON THE BOXES. YOU CAN INSTALL AND BLEND INSTALL PAVER SHADES UP OR DOWN 2 SHADES FROM EACH OTHER.

EXAMPLE: 58D PLUS UP TO 60D OR DOWN TO 56D AND BLEND. IF OUTSIDE OF THIS RANGE YOU SHOULD CONTACT YOUR DEALER.

Installing porcelain pavers can be a rewarding DIY project, but proper installation is crucial for durability and longevity.

1. PLANNING AND PREPARATION

- *Plan the layout: Determine the desired layout and mark the area using spray paint or string and stakes.*
- *Identify and avoid utilities: Be mindful of underground utilities like pipes and cables when excavating.*
- *Assess and prepare the base: A stable base is essential.*
- *Savannah Stone Source does not recommend a dry lay install. We believe the best practice is a wet lay over concrete or a Romex trass bedding system to avoid movement of the pavers and joint wash out. Please consult our product recommendations tab for appropriate products and always speak with your local dealer on best practices.*
 - *Over soil: Install a layer of compacted gravel and/or sand, ensuring its level and sloping away from any structures for drainage.*
- *Install landscaping fabric: Lay down landscaping fabric over the prepared base before adding the aggregate layers, leaving extra fabric for overlapping with edging.*
- *Gather tools: You'll need a wet saw with a porcelain blade for cutting (Alpha Tool Company) a level, a rubber mallet, spacers, and potentially a paver puller and angle scribe for edging.*

2. SETTING THE BASE AND PAVERS

- *Install the stone base: If using a gravel base, spread and compact the gravel thoroughly.*
- *Prepare the bedding system: For a mortar-based installation (recommended for driveways or heavy traffic areas), mix the bedding compound according to the manufacturer's instructions.*
- *Apply the mortar bed: Spread the mortar bed in layers, ensuring its level using a screed bar.*
- *Apply a bonding compound (optional but recommended for mortar installations): This strengthens the bond between the pavers and the mortar bed.*
- *Install the porcelain pavers:*
- *Sand base: Lay pavers directly on the pre-compacted and screeded sand base. Using only paver disk spacers and a permanent edge restraint must be used for this type of installation.*
- *Mortar base: Spread the mortar and butter the backs of the pavers with a thin layer of bonding compound before placing.*



2. SETTING THE BASE AND PAVERS (CONT.)

- *Use spacers to ensure a consistent 1/8" gap between pavers.*
- *Lightly tamp the pavers with a rubber mallet to ensure they are level.*
- *Address drainage:*
- *Slope the base: Ensure the base is sloped away from any structures to facilitate water runoff.*
- *Consider edge restraints: - This is a must for dry lay installations. Install edge restraints or mortar set the pavers along the edge to hold them in place and aid in drainage control*

3. JOINTING AND FINISHING

- *Clean the surface: Thoroughly clean the surface to remove dirt, cement residue, or contaminants.*
- *Mix and apply jointing compound: Polymeric sand with a two-part epoxy system or cement-based grout are common choices. Mix with water as directed and apply directly to the pre-wetted surface, working it into the joints with a squeegee and then a course broom.*
- *Clean and finish: Remove excess jointing material and clean the surface.*

IMPORTANT NOTES

- *Consult the manufacturer's instructions: Always follow the specific instructions provided by the paver and setting material manufacturers.*
- *Consider professional help: While DIY installation is possible, complex projects or large areas may benefit from professional expertise to ensure proper preparation, installation, and long-term performance.*
- *Cutting porcelain pavers: Use a wet saw with a diamond blade for clean cuts.*
- *Sealing porcelain pavers: High-quality porcelain pavers, particularly those manufactured using the Italian process, are non-porous and generally don't require sealing due to their stain and water resistance.*
- *WHEN LAYING LARGE FORMAT PAVERS ANY LARGER THEN 24"x24"x2cm the pavers should be installed on a 1/3 bond 33% offset to prevent lippage and cracking. We also recommend using at the minimum 1/8" joint requirement. A running bond, brick pattern is not recommended with the large format tiles or pavers.*

By following these guidelines and paying close attention to detail during the installation process, you can create a beautiful and long-lasting porcelain paver surface.

Savannah Stone Source is a material supplier and guarantees our product is in good condition when it arrives with you. Savannah Stone Source accepts no responsibility for installation or installation methods provided by installers. All projects are unique in nature and the installer and local dealer should be referred to for materials, care and instructions. Savannah Stone Source has no responsibility for any dealer or installer recommend practices and cannot be held responsible for such.