



SoftPave Installation Instructions

GENERAL INFORMATION

- A. 1" SoftPave may be installed over most concrete, wood, or tile. The floor over which 1" SoftPave is installed must be level, in good condition, and clear of dirt and loose debris.
- B. For installations requiring adhesion to concrete, moisture must be measured using the RH Relative Humidity test method per ASTM F2170 standard. Moisture content should not exceed 85% RH. If levels exceed the limitations the installation should not proceed until the situation has been corrected.
- C. In the event that a moisture mitigation system is required, it must conform to the ASTM F3010 Standard Practice for Two-Component Resin Based Membrane Forming Moisture Mitigation Systems for use Under Resilient Floor Coverings.
- D. It is essential that pH tests be taken on all concrete floors. If the pH is greater than 9, it must be neutralized prior to beginning the installation.
- E. Installation should not begin until after all other trades are finished in the area.
- F. Areas to receive flooring should be weather tight and maintained at a minimum uniform temperature of 65°F for 48 hours before, during, and after the installation.
- G. Unpack tiles and allow them to sit in the area to be installed. Tiles and adhesive must be acclimated at a uniform room temperature for a minimum of 48 hours prior to installation.

SITE LAYOUT

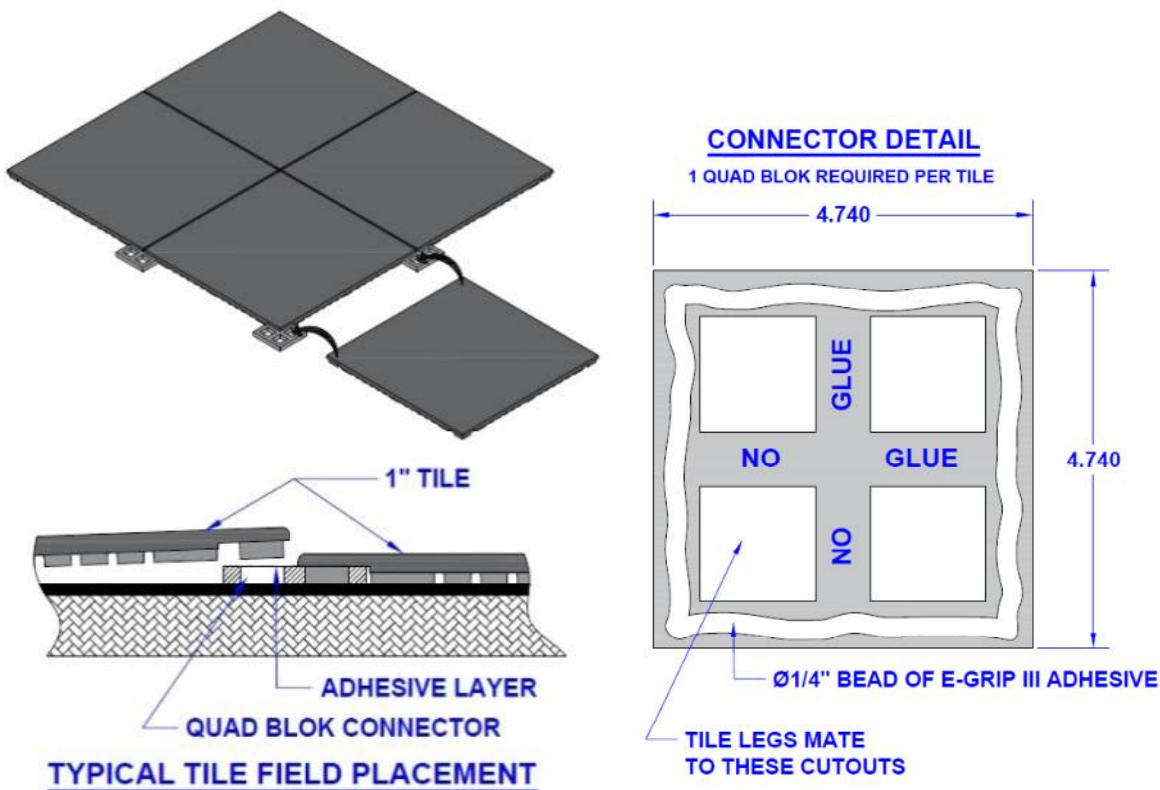
- A. Sweep area clear of all dust and loose debris. Determine a starting point for the first course of tile to best suit the site area. For irregular site configurations, the best starting point is often in the center. This will ensure a symmetrical finish for tiles that require trimming along the perimeter. Other installations are best started in the corner or along one edge that represents the length or width dimension of the site.
- B. It is important to start the installation from a perfectly straight edge, such as a wall, or timber that is secured to the substrate. This will allow you to keep the tiles straight and snug during the installation process.
- C. Mark two points on the base surface at an equal distance from the edge of the installation. These points should be located near the opposite ends of the site in the length-wise direction.
- D. Snap a chalk line through the established points.
- E. Measure the length of the site along the chalk line. Mark a point at half the distance of the site.
- F. Using the 3-4-5 right triangle method, snap a chalk line to form a 90° angle to the previously established length-wise chalk line. These perpendicular reference lines will serve as a guide for laying the first course of tile. A channel or timber may be secured to the substrate to help keep the tiles snug during the installation process.

QUAD BLOK INSTALLATION (Required)

- A. Follow the Site Layout instructions to prepare the area for the installation of the 1" tiles.
- B. Once chalk lines are established, place the first tile at the intersection of two chalk lines, aligning adjacent edges of the tile with the chalk lines.
- C. Apply a continuous 1/4" diameter bead of E-Grip III adhesive around the perimeter of the Quad Blok connectors. Working adhesive time is dependent upon environmental conditions. See NO GLUE zones in Connector Detail drawing below.
- D. Fit the first tile with four prepared Quad Blok connectors by lifting each tile corner slightly, sliding the connectors under each corner and engaging the four corner legs of each tile with the respective apertures in the Quad Blok. Continue to sequentially lay the tile and to set the Quad Blok connectors along one chalk line until the first course of tile is complete.

NOTE: Cut the Quad Blok connectors in half to secure perimeter tiles

- E. Complete the other three quadrants in a similar fashion.
- F. Roll with a 75–100 pound flooring roller after gluing tiles into Quad Bloks. Roll again 1 hour later.
- G. Allow 24 hours for adhesive to cure before opening area for foot traffic, 48 hours for heavy loads and 72 hours before placing equipment.
- H. One 10.1 ounce tube of E-Grip III is required for approx. 15 of the Quad Bloks.



Note: Adhesive spills must be removed while still wet. Use a dry rag to pick up the majority of the adhesive. Wipe the remaining residue with a rag dampened with mineral spirits, followed by a rag damp with water to remove the mineral spirits. Cured adhesive can only be removed from surfaces by mechanical means, such as scraping or sanding.

FITTING THE OUTER COURSE TILE

A. In most wall-to-wall installations, the tile in the outer course will have to be cut to fit. Tile may be cut using a heavy-duty utility or carpet knife and a straight edge. A saber saw utilizing a 7-10 TPI wood cutting blade also works well. A saw with a 3-3.5 amp rated motor having a 1" stroke with variable orbital settings will produce the best results. A cutting table used to support the work is required during cutting. A standard shipping pallet works well for this purpose for in-field use.

B. If 1" SoftPave is being installed wall-to-wall, the tiles **MUST** be held together with Quad Bloks, with the walls serving to contain the outer rows of tile. Tiles that are not contained by walls, either at openings in the wall (i.e. doorways) or freestanding, should be contained by adhering the outer tiles and 1" SoftPave ramps around the outer perimeter. The adhered ramps provide a transition from the 1" thick tile to the original floor level. The perimeter tiles and ramps must be adhered using E-Grip III adhesive with a 1/8" square-notched trowel indoors over substrate.

CUTTING 1" TILE & RAMPS

A. Avoid leaving a cut edge of a tile exposed to eyesight. To guarantee a finished appearance, any tile that has its factory molded, radius edge removed for any reason should be backed along that edge using a 1" masonry or timber edging, unless that edge is to be placed against a wall or other vertical member.

B. The most accurate cuts in tiles are made using a heavy-duty utility or carpet knife and a straight edge. A saber saw utilizing a 7-10 TPI wood cutting blade also does an acceptable job, especially for radius or free-form cuts. A saw with a 3-3.5 amp rated motor having a 1" stroke with variable orbital setting will produce the best results. A cutting table used to support the work is required during cutting. A standard shipping pallet works well for infield use.

PREPARATION FOR INSTALLATION OF ADA RAMPS

A. Make sure that the subfloor is flat, clean, dry and free of contaminants such as waxes, finishes, sealers, or other extraneous materials that would prevent a good adhesive bond.

B. Unpack the materials and allow them to sit in the area to be installed. Materials and adhesive must be acclimated at a uniform room temperature for a minimum of 48 hours prior to installation. **Note:** The toe edge of the ramp contains a wire reinforcement material. Take care not to bend the edges as it will be difficult to get ramps with bent reinforcement to lay flat.

C. When the SoftPave installation is complete clean and prepare the remaining area for full adhesion of the ramps.

ADHERING THE OUTER COURSE

A. Ramps can be cut in the same way as the tiles. Corner ramps should be miter cut.

B. Ramps and outer tiles, which are not contained by walls, should be adhered to the existing floor using E-Grip III adhesive with a 1/8" square notched trowel indoors over substrate. Set tiles and ramps in the adhesive bed. Tiles being set in the adhesive bed should be connected to the next inner course of tiles, but need not be connected to each other.

C. Once tiles are laid into the wet adhesive, roll the floor with a 75-100 pound flooring roller. Adhesive should be allowed to cure for 24 hours before walking on the tile.

INSTALLATION – ADA RAMP

A. Cut away any protruding Quad Blok material

B. Sweep area clear and vacuum up all dust.

C. Dry lay ramps and make appropriate cuts before opening the adhesive.

D. To cut the ramps, use a band saw or a saber saw with 7-10 TPI wood cutting blade.

Note: The toe edge of the ramp contains a wire reinforcement material. Take care not to bend the edges as it will be difficult to get ramps with bent reinforcement to lay flat.

E. Mark the areas where adhesive is to be applied and temporarily remove the ramps.

F. Spread the recommended E-Grip III urethane adhesive using a 1/8" square notch trowel. Do not spread more adhesive than can be covered in 30 minutes.

G. Carefully place the ramps into the adhesive. Be sure to press down firmly to assure proper adhesive transfer to the back side of the ramp or roll with a 75-100 pound three sectional flooring roller.

H. Use weight to evenly hold down the toe edge of the ramps. The entire toe edge should be weighted, and the weight should be heavy enough to prevent the edge of the ramps from lifting out of the adhesive.

Note: Adhesive spills must be removed **while still wet**. Use a dry rag to pick up the majority of the adhesive. Wipe the remaining residue with a rag dampened with mineral spirits, followed by a rag dampened with water. Cured adhesive can only be removed from surfaces by mechanical means, such as scraping or sanding.

I. After 24 hours, remove the weight from the ramps.

Important Notes

- Dimensional tolerance for tiles is +/- 1/8". From time to time during installation, it may be necessary to measure and hand select tiles to ensure that course lines remain straight.
- As with any flooring product, dry laying and full inspection of all tiles will allow for a quality installation. Tiles should be inspected from several angles and adjust as necessary.
- FlexPave Tiles are manufactured from recycled materials and slight variance in shade is normal. It is the installer's responsibility to inspect all products to insure the correct style, thickness, and color. Any discrepancies should be reported immediately before beginning the installation.