VersaRUBBER® Elite

PLITEQ Flooring

Installation Guide

UPON DELIVERY OF PRODUCT

1. VERIFY the packing slip matches with product and order.
2. INSPECT delivered the product thoroughly. Report any discrepancies in the original order, product defects, etc. No reimbursement/ warranty claim will be given for labor or material installed with visual defects. Any defects – size, colour, or otherwise – must be reported to the place of purchase before installation.
3. STORE products and adhesives in a clean, dry environment with temperatures between 65 and 77 °F (18-25 °C) for a full 24 hours before installation.
4. READ product and sub-floor preparation, instructions, warranty and other disclaimers carefully and completely before beginning any installations.
5. REVIEW these important steps before installation:
    a. **VersaRUBBER Elite** tiles are directional. Be mindful of the arrow on the underside of each tile. Lay tiles with arrows pointing in the same direction.
    b. Each tile is numbered and intended to be installed with the numbers running in sequence to produce the most natural-looking floor.
    c. Full-spread adhesion is recommended. Always dry-fit the room before applying adhesive.
    d. After trowelling glue, use automotive tape to hold seams together, if required. The tape can be removed after 24 hours.

Warning: **DO NOT** use vulcanized rubber products in conjunction with any petroleum-based products. This includes solvents, adhesives, or sealants. All substrates (especially new concrete) must be fully cured for 45 to 60 days prior to installing rubber products.

INTRODUCTORY NOTE: This installation guide is intended to provide the necessary information for the proper installation of Pliteq Flooring rubber tiles. These instructions are believed to be based on industry standards and are provided for informational use only.

PLITEQ FLOORING DOES NOT WARRANTY ANY INSTALLATION PERFORMED PURSUANT TO THESE INSTRUCTIONS OR OTHERWISE AND SPECIFICALLY DISCLAIMS LIABILITY FOR ANY DIRECT OR INDIRECT PERSONAL INJURY, PROPERTY DAMAGE OR OTHER COSTS OR LOSSES RESULTING FROM INSTALLATION.

Pliteq Flooring rubber products should be installed by qualified and experienced personnel.

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RECOMMENDED TOOLS

- Measuring Tape or Ruler
- Utility Knife w/ Extra Blades
- 4’ Straight Edge/ Drywall Square
- Automotive Masking Tape
- Chalk Line

ADHESIVE OPTIONS

- GatorTAPE – Double sided tape
- Pliteq's recommended adhesive

RECOMMENDED TOOLS FOR ADHESIVE INSTALLATION

- Rubber gloves
- Rags
- Square-Notch trowel 1/16”x1/16”x1/16” (over porous substrate) Coverage: 100-150 ft^2/gal or
- U-Notch Trowel 1/16”x1/32”x1/32” (over non-porous substrates) Coverage: 150-200 ft^2/ gal
- 50-100 lb Linoleum roller

CURING TIMES

- **GatorTAPE** and Non-adhesive:
  - Foot Traffic: Immediate

- **Pliteq's recommended adhesive**
  - **Indoors:**
    - Tack Time: 15-30 minutes
    - Light Traffic: 12 hours
    - Normal Traffic: 24 hours
    - Heavy Duty Traffic: 72 hours
  - **Outdoors:**
    - Weather & humidity dependant

ADDITIONAL OPTIONAL TOOLS

- Chalk Line
- 2x4 Wood Block
- Automotive Masking Tape
- Rubber Mallet

CUTTING TIPS

1. When using a utility knife, be sure to keep the blades sharp to aid in the cut and help reduce the possibility of injury due to dull blades.
2. Use a metal or similar straight edge that is cut-proof.
3. Holding the straight edge firmly in place, score the sheets two or three times. **
4. Make several more passes with the knife, working down the established cut, until the cut is complete.

** *This process may be made easier by cutting the sheet on a raised surface, such as the 2 x 4 wood block used during installation. Gravity will depress the cut edge down and away from the cut and will be less likely to catch the knife blade.*

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ADHESIVE

Protect unopened containers from heat and direct sunshine. It must be stored at a temperature range of 65 to 77 °F (18-25 °C) for 72 hours before, during and after use. Pliteq's recommended adhesive has a shelf life of one year when stored at this temperature range.

- Wear gloves during application. The adhesive is difficult to remove from skin and clothing; if adhesive gets on the skin, immediately wipe it off with a dry cloth.
- Do not apply on frozen surfaces or standing water.
- Avoid contact with water or alcohol before use and before complete cure.
- Do not use in areas subject to hydrostatic head pressure.
- Do not use on wet, contaminated, or friable substrates.
- It is the user's responsibility to check the adhesion of the cured adhesive on a typical test area at the project **BEFORE** application.

CLEANING

Sweep, sponge mop or vacuum rubber flooring for everyday maintenance.
Use a Neutral pH Cleaner & Degreaser with a sponge mop and water for more extensive cleaning. Please ask your sales representative for recommended cleaning agents.
DO NOT USE Petroleum-based products to clean rubber.

PREPARATION

Product

VersaRUBBER Elite tiles should reach ambient room temperature to ensure a secure, tight installation with minimal size fluctuation. Each piece should be allowed to set for a full 24 hours prior to beginning installation. This allows the product to relax and size-stabilize at the typical room temperature. Inspect the product prior to installation for measurable defects or variations.

Sub-Surface

For best installation, any sub-surface should be reasonably flat and free of holes or variances of more than 1/8".

1. All sub-surfaces should be structurally sound and fully cured for 45 to 60 days. Test floor for vapour drive in accordance with anhydrous calcium chloride test. Vapor test should not exceed the industry standard of < 3.0 lbs per 1,000 square feet in 24 hours.
2. Repair concrete and install joint sealants and fillers as necessary.
3. Mechanical surface profiling is the preferred floor preparation method. It is the only acceptable preparation method where warranties are issued.
4. Acid etching is not recommended. Mechanically profile the floor to medium grit sandpaper texture. Remove curing and parting compounds and other surface hardeners and floor coatings in accordance with the manufacturer's instructions.

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A. CONCRETE

New concrete must be allowed to cure thoroughly before installation (45 to 60 days). If sealants are used, **DO NOT** use one with a petroleum base. Old concrete must be repaired and have joint sealants and fillers installed as necessary. All cracks and flaws should be filled in or repaired before covering them with rubber products. Use patching material as appropriate.

B. WOOD BASE

Wood surfaces should be completely cleaned of dirt, dust, grease or any other foreign matter and be completely dry before installation. Trapped moisture may rot the wood or interfere with the adhesives. Nails or other protrusions should be pounded down or removed, holes repaired, and surface variances within the 1/8" acceptable variance level.

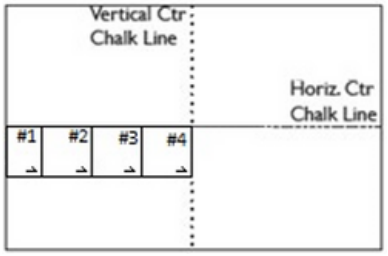
INSTALLATION

Indoors

1. Assume the walls, and/or curbs are not perfectly straight or square. Begin by determining the absolute center of the area to be installed. Determine the horizontal center. Snap a chalk line. Determine the vertical center. Snap a chalk line. This will become the starting point.

2. Place full tiles along the Horizontal Center Line, while also ensuring that the tiles are square to the Vertical Center Line (Figure 1). Maneuver the **VersaRUBBER Elite** tiles to lay precisely aligned within the chalk lines by tapping with a mallet and wood block. **VersaRUBBER Elite** are directional tiles and have arrows on the underside showing the direction of the milling. Each tile is also numbered. Be sure that each tile in a row is installed in sequence left to right, with the arrows pointing in the same direction. This will yield the most uniform and esthetically pleasing result. In order to achieve this in a space that is not perfectly square, work backwards from the center line to the wall. (e.g., Figure 1: Tile #4 would be the first tile placed, followed by #3, and so on until tile #1, which will likely require a cut to reach the wall.)

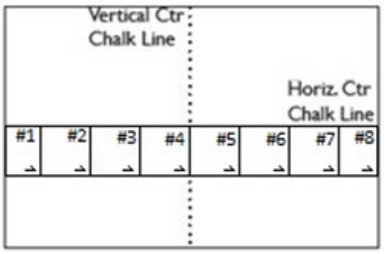
Figure 1



Installation Guide

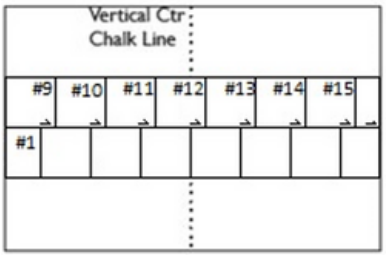
3. Continue in sequence until you have reached the opposite wall (Figure 2). When butting one tile up to the next, adjacent to or end-to-end, overlap joints by about ¼". Then 'walk' or 'work' the joint back with your hands to eliminate overlap and avoid adhesive being shoved into seam areas. This will help ensure tight joints without gapping. If the rubber exceeds the floor space, use a straight edge and utility knife to trim the excess length. (see cutting tips)

Figure 2



4. Begin laying the next row at one end of the room (Figure 3), adjacent to the first row, fine tuning placement with a 2x4 and mallet. To achieve the recommended 'brick' laying pattern, it may be necessary to cut the first and last tiles. (see cutting tips)

Figure 3



Adhesive Tips

- Gloves are strongly recommended during application, as the Pliteq's recommended adhesive may cause skin irritation. The adhesive should be applied thinly and evenly, using one of the trowels listed above. (Adhesive will cover 100 - 200 square feet per gallon.) *Do not apply more adhesive than can be utilized within a 30-minute window. In ideal temperatures, there are approximately 30 minutes of open time to apply the adhesive and maneuver the rubber sheet onto the adhesive and position it before curing onset.*
- Dry fit the entire room to ensure all sheets are compression-fit and no gaps are present, before applying any adhesive. Work one row at a time by removing the sheets, applying the glue, and then replacing each sheet (as outlined in Step 3 above). If gaps present themselves, use an automotive masking tape to hold sheets together while adhesive cures. **(Do not use duct tape as it may leave residue on the surface when removed).**
- After the first 60 minutes have passed, and the adhesive has begun to set, thoroughly roll the first row of sheets with a 50-100 lb carpet roller to ensure the bonding of the rubber to the adhesive. Be careful not to shift the roll outside of the chalk lines while rolling. Rolling should be done at 75 and 90 minutes after the initial placement of the sheet onto the adhesive. Rolling should be done both widthwise and lengthwise. This will ensure maximum contact and ultimate bond.
- **ADHESIVE CLEAN-UP** Before trowelling with Pliteq's recommended adhesive, cover the unused portions of the trowel with duct tape. After trowelling, tear off the tape before the material cures. Clean all tools and excess adhesive immediately after use with mineral spirits. Use proper precautions when handling solvents. Cured adhesive can be removed by cutting with a mechanical tool. **DO NOT** allow mineral spirits to meet finished product