

INSTALLING FORBO FLOTEX FLOCKED RESILIENT TILE

General Installation Guidelines

- Flotex FRT flooring may be installed on approved substrates on all grade levels.
- The permanent HVAC must be operational and set at a minimum of 68° F (20° C) at least one week prior to installation. Store Flotex FRT flat and acclimate material to jobsite conditions for a minimum of 48 hrs. prior to installation.

Note: It is possible that during storage the pile will be compressed and may take several days to recover following installation.

- Always conduct moisture tests on all concrete slabs regardless of age or grade level.
- Conduct calcium chloride tests in accordance with ASTM F1869. Concrete moisture vapor emissions must not exceed 5.0 lbs. per 1000 sq. ft. in 24 hrs. When moisture vapor emissions exceed these requirements, please request information on Forbo Moisture Limitor.
- Measure the internal relative humidity of the concrete slab in accordance with ASTM F2170. Relative humidity must not exceed 75%.
- Concrete surface pH should be tested and must not exceed a pH of 10
- Always conduct adhesive mat bond tests. Bond testing will aid in determining the proper working time of the adhesive and help to identify bonding problems prior to the installation.
- Material should always be visually inspected prior to installation. If there are any questions regarding the quality of material, contact your local Forbo representative or Forbo Technical Services PRIOR to installation.

Forbo's 5 Year Limited Warranty covers manufacturing defects only. Additional costs (including labor) associated with the replacement of material that was installed with visual defects that could have been seen prior to installation are not covered under warranty.

- Use Forbo FRT 950 adhesive.
- Apply the adhesive with a 3/8" nap roller.
- Use material from the same batch/lot.
- Install Flotex FRT with the arrows at right angles to one another (Quarter Turned).
Note: Certain patterns may be installed with arrows all in the same direction.
- Mixing Flotex FRS and Flotex FRT in the same area is not recommended. This is especially important when installing borders or motifs. The Flotex tile is thicker than the Flotex sheet material and may wear or become damaged when mixed with the sheet material.
- Take pride in your work and be Professional at all times.
- Ensure that all recommendations for substrate and jobsite conditions are met prior to beginning the installation. Beginning the installation is an implied acceptance of site conditions by the parties involved.

Layout

1. Establish a line along the center of the longest dimension of the area to be installed. Shift this starting line as necessary to create the largest possible perimeter tile.
2. Determine the center of the starting line and adjust the starting point as necessary to create the largest possible perimeter tile.
3. Once the starting point has been determined, establish a second line that is perpendicular to the first line and intersects at the starting point.

Applying Adhesive

1. After establishing the starting lines, apply Forbo FRT 950 adhesive with a 3/8" nap roller at a spread rate of approximately 300 square feet per gallon.
2. Allow the adhesive to dry to the touch before beginning to install the Flotex FRT.

Installing the Flotex FRT

1. Beginning at the starting point and carefully following the starting lines, install the Flotex FRT in a pyramid fashion in one quadrant of the area at a time.
2. Install Flotex FRT with the arrows at right angles to one another (quarter turned).
Note: Certain patterns may be installed with arrows all in the same direction.
3. Cut the perimeter tiles to size using a utility knife.
4. Roll the completed installation with a 75 pound roller to ensure adhesive transfer to the Flotex FRT backing.

Stairs

1. Flotex FRT CANNOT be wrapped on stairs.
2. A standard stair nosing must be used with separate pieces of Flotex for each tread and riser.
3. Adhere the Flotex on the treads and risers using a high quality commercial grade contact cement following the application guidelines of the adhesive manufacturer.

Decorative Inlays

1. Lay and adhere all field areas in the room following the guidelines outlined in these instructions.
2. Measure out the locations for the decorative inlays. Mark off the inlay locations with white chalk.
3. Place a cutting guide in position along the chalklines and cut the field piece along the lines.
4. Remove the cut field piece, scrape any ridges that may remain from the original adhesive, and re-apply adhesive.
5. Cut the inlay piece to fit, then place the inlay into position.
6. Using a spatula, press the inlay firmly into place.
7. Roll the completed inlays with a 75 pound roller.

Decorative Borders

1. Snap chalklines around the area where the field material will stop, making sure to allow for trimming the border material.
2. Lay the field material so that it extends slightly over the chalklines.
3. Using the chalklines as a spread line, adhere all field areas in the room following the guidelines outlined in these instructions.
4. Using a straightedge as a guide, cut the field material along the chalklines.
5. Apply adhesive in the area of the border and place the border material into position.
6. Using a spatula, press the border firmly into place.
7. Trim the border material at the perimeter and roll the completed installation with a 75 pound roller.

Flashcoving

1. Flotex FRT cannot be self-coved.
2. Separate pieces of Flotex FRT may be installed on the wall at a right angle to the flooring.
3. Use Forbo FRS 920 adhesive and "double stick" the vertical surfaces.

Transitions

1. Where Flotex FRT joins adjacent flooring materials and the two surfaces are flush, no transition finish is required. The Flotex can simply be butted against the adjacent material.
2. Where Flotex FRT joins adjacent flooring materials that are a different thickness than the Flotex, a transition molding should be used.
3. Suitable transition profiles include square nose, end molding, end cap, baby threshold, universal edge and carpet reducer and are available in metal, wood, vinyl and rubber.

Forbo's Installation Manual contains additional information on substrate evaluation and preparation and is available for download at www.forboflooringna.com. For a hard copy, or for additional information, contact Forbo Technical Services at (800) 842-7839.