Delane Solid Vinyl Tile Installation

Review the Flexco Substrate Preparation documentation prior to the installation of the Delane Solid Vinyl Tile. It is the responsibility of the installation contractor to verify the adequacy of the substrate including porosity and adhesive prior to installation.

Read all literature concerning the product description, product limitations, substrate preparation, adhesive information, adhesive application, product installation procedures and warranty before installation. Deliver all materials to the installation location in its original packaging with labels intact. Inspect all material for proper type and color prior to installation.

Acclimation
Maintain product, adhesive & substrate between 65ºF (19ºC) and 85ºF (30ºC) for at least 48 hours before installation, during installation, and after installation to ensure proper product and adhesive functionality. Ensure temperature of the substrate is within this range as well prior to installation. If installing over Radiant Heated Substrates, lower the temperature to 65°F (19°C) and the slowly raise the temperature after installation to a maximum of 85°F (30°C). Proceed with the installation only when the conditions are proper and correct and all other trades have completed their work.

Approved Adhesives for Installation
Select the appropriate adhesive for your installation, substrate and use. With any adhesive selection ensure that proper moisture and pH testing is performed and results are below limits listed below. Flexco recommends Relative Humidity Testing according to the latest revision of ASTM F 2170. A bond test should be performed at least 72 hours prior to the scheduled installation to ensure the substrate is suitable. Flexco recommends the use of Wagner Testing & Recording Equipment for this process.

- 2200 Spray-Grip Adhesive
  - Follow Label Instructions for Porous & Non-Porous Substrates
  - ASTM F 2170-11; Relative Humidity Method, 90%
  - pH, 11 or less
  - Low Peel Strength | High Sheer Strength when cured
  - Heavy Foot Traffic, Light Point & Rolling Loads, Consistent Temperatures, No Topical Moisture

- 3600 Vinyl Tile & Tread Adhesive
  - Follow Label Instructions for Porous & Non-Porous Substrates
  - ASTM F 2170-11; Relative Humidity Method, 80%
  - pH, 10 or less
  - Medium/High Peel Strength | Medium Sheer Strength when cured
  - Heavy Foot Traffic, Light/Medium Point & Rolling Loads, Consistent Temperatures, No Topical Moisture

- 7200 Urethane Two-Part Epoxy Adhesive
  - Follow Label Instructions for Porous & Non-Porous Substrates
  - ASTM F 2170-11; Relative Humidity Method, 75%
  - pH, 9 or less
  - High Peel Strength | High Sheer Strength when cured
  - Heavy Foot Traffic, Heavy Point & Rolling Loads, Inconsistent & Extreme Temperatures, Topical Moisture

Tile Installation
- Whenever possible avoid any seams directly on seams in the substrate and borders less than half of the width of the material
- In large areas, blend material from several boxes to ensure a consistent appearance
- Install products with directional arrows on the back with the arrows pointing in the same direction unless utilizing custom layouts
- Do not install over expansion joints
- Apply adhesive according to the label directions
- When laying the flooring, use a kneeling board, or for best results work off of the flooring whenever possible
- If the adhesive is bleeding or oozing at the seams, there is too much adhesive or the adhesive is too “wet”, allow the adhesive to flash longer before placing additional tiles
- Immediately remove excessive wet adhesive with a soft, clean cloth dampened with warm soapy water
- Periodically, lift the tiles to check for proper adhesive transfer. There should be adequate adhesive on the back on the tile
- Observe the adhesive to assure that the adhesive has not surpassed the open time and has not begun to cure
- Leave approximately 1/8” gap around perimeter of room in case of expansion, ensure gap is no larger than the trim or wall base being applied
- Cut borders and other specialty cut tiles to fit snugly, not tightly, against the wall, threshold, transition strip, fixtures, or other obstacles; forcing incorrectly sized tiles into smaller areas will cause buckling of the tile
- Roll and cross roll each section of tile laid with a 100-pound 3section roller within 15 minutes after installation of the tile section. Adjust rolling times if necessary according to climate conditions. Use a hand roller in areas that cannot be reached with the larger roller. Conduct a visual inspection during the rolling process to assure there

has been no shifting of the tiles and that there is no adhesive on the surface of the tile

- Do not wait until completing the entire installation before rolling as the adhesive may have surpassed the open time and cured. Roll and cross roll a second time approximately 30 minutes after the initial rolling.

After Installation Restrictions

- 2200 Spray-Grip Adhesive
  - Heat Welding after 3 hours
  - Immediate Foot Traffic
  - Immediate Rolling Loads
  - Immediate Point Loading
  - Maintenance after 72 hours

- 3600 Vinyl Tile & Tread Adhesive
  - Heat Welding after 24 hours
  - Light Foot Traffic after 24 hours
  - Light Rolling Loads after 48 hours
  - Medium Rolling Loads & All Point Loading after 72 hours
  - Maintenance after 72 hours

- 7200 Urethane Two-Part Epoxy Adhesive
  - Heat Welding after 24 hours
  - Light Foot Traffic after 24 hours
  - Light Rolling Loads after 48 hours
  - Rolling Loads & All Point Loading after 72 hours
  - Maintenance after 72 hours

After Installation Protection of Flooring

- Protect flooring from other trades during the construction process by appropriate means such as Masonite, Ram Board or heavy construction paper
- When moving in appliances or heavy furniture, it is always wise to protect the flooring and accessories from scuffing and tears
- Use appropriate floor protection devices for resilient flooring on all furniture or fixtures
- Flexco recommends all furniture placed on flooring have contact points with a minimum diameter of 1” and contain a smooth Stainless Steel, Teflon or Felt pad for contact
- Flexco recommends all furniture placed on the flooring containing castors to have a minimum of 1” wide flat surfaces at the contact point
- Flexco recommends all rolling chairs have castors designed for resilient flooring that are not damaged. It is also recommended to use a chair pad designed for resilient surfaces
- Dragging or improperly moving furniture or equipment across the surface of the tile can cause permanent damage.
- Place walk-off mats at outside entrances manufactured with non-staining backs to prevent discoloration

If you have any doubt prior to the installation of this product, please do not hesitate to contact our Customer Service or Technical Department.