

Luxury Vinyl Tile Installation System

Product	Gauge	Size	Adhesive	Comments
NATURAL PERSONALITY (residential only)	0.080" (2.0 mm)		S-288, S-289, S-599, Flip, S-543, S-240 or S-1000, S-315 Roll Strong, S-980	Proper conditioning of the jobsite and product is extremely important for LVT planks Roll with a 100-lb. roller
NATURAL PERSONALITY 2	0.080" (2.0 mm)			
American Charm 6	0.080" (2.0 mm)			
Vivero Better	0.080" (2.0 mm)			
Vivero Best	0.100" (2.54 mm)			

Note: When installing LVT in areas subject to direct sunlight, topical moisture, temperature fluctuations, Armstrong S-240 Epoxy Adhesive or S-1000 must be used.

Installation:

- Location: All grade levels
- Layout: End joints should be staggered a minimum of 6" (15 cm) apart

Suitable Substrates:

All substrates listed below must be properly prepared and meet the requirements discussed in Chapter 3, Subfloors and Underlayments. There may be other exceptions and special conditions for these substrates to be suitable for Residential LVT Planks Installation Systems.

- Concrete (on all grade levels)
- Ceramic tile, terrazzo, marble
- Approved suspended wood underlayments
- Polymeric poured (seamless) floors
- Single-layer, Fully Adhered, Existing Resilient Floors

Do not install over:

- Particleboard, waferboard, OSB, or single-layer Sturd-I-Floor panels
- Existing cushion-backed vinyl flooring
- Existing resilient tile floors that are below grade
- Existing Hardwood flooring below grade

Job Conditions/Preparation:

- Resilient flooring should only be installed in temperature-controlled environments. It is necessary to maintain a constant temperature before, during and after the installation. Therefore, the permanent or temporary HVAC system must be in operation before the installation of resilient flooring. Portable heaters are not recommended, as they may not heat the room and subfloor sufficiently. Kerosene heaters should never be used.
- Substrates must be sound, dry, clean, smooth and free from excessive moisture or alkali.

- The surface shall be free of dust, solvents, varnish, paint, wax, oil, grease, sealers, curing compounds, residual adhesive, adhesive removers and other foreign materials that might affect the adhesion of resilient flooring to the substrate or cause a discoloration of the flooring from below. Spray paints, permanent markers and other indelible ink markers must not be used to write on the back of the flooring material or used to mark the substrate as they could bleed through, telegraphing up to the surface and permanently staining the flooring material. If these contaminants are present on the substrate, they must be mechanically removed prior to the installation of the flooring material.
- In renovation or remodel work, remove any existing adhesive residue* so that no ridges or puddles are evident and what remains is a thin, smooth film.
- The area to receive resilient flooring and the flooring materials and adhesives should be maintained at a minimum of 65° F (18° C) and for 48 hours before installation, during installation and 48 hours after completion.
- During the service life of the floor, the temperature should never fall below of 55° F (13° C). The performance of the flooring and the adhesives can be adversely affected below this minimum temperature.
- For concrete substrates, conduct moisture testing (moisture vapor emission rate (MVER) and/or percent relative humidity (in-situ probe). Bond tests must be conducted for compatibility with the substrate. Please refer to Chapter 3, Subfloors and Underlayments, Section e.
- Radiant heated substrates must not exceed a maximum surface temperature of 85° F (29° C).

Precautions:

- Proper conditioning of jobsite and product is extremely important for the appearance and performance of LVT planks
- Do not wash or scrub the new flooring for at least 5 days after the installation. This will allow the tile to become “seated” in the adhesive and prevent excess moisture and cleaning agents from interfering with the adhesive bond.

* *Some previously manufactured asphaltic “cutback” adhesives contained asbestos (see warning statement on page xvi). For removal instructions, refer to the Resilient Floor Covering Institute’s publication Recommended Work Practices for Removal of Resilient Floor Coverings.*