


S-310 Roll Strong™ Adhesive

 Caution Eye and Skin Irritant

For use with the following Installation Systems:

- Commercial Luxury Vinyl Tile
- Residential Luxury Vinyl Tile

Description	
Type	S-310 Roll Strong™ Adhesive
Color	White
Taggants	None
Roller	3/8" nap paint roller
Coverage	350-400 sq. ft./gallon (13-16 sq. m.) Luxury Vinyl Tile
Units	4 Gallon (15.14L)
Open Time	Until dry-to-touch: approximately 15 minutes or more
Working Time	Up to 4 hours (working times may vary based on job conditions, substrates, temperature and humidity)
Shelf Life	2 years, unopened
Freeze/Thaw Stable	No, keep from freezing Store inside at a temperature of 65 - 95 degrees F.
VOC Content	0 g/L; calculated and reported, SCAQMD 1168
Clean Up	Wet– clean, white cloth with neutral detergent and water Dry– clean, white cloth and mineral spirits
Subfloors	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, polymeric poured floors and suspended wood
Advantages	Moisture and alkali resistant Strong, early grab AGIS Guarantee Nonflammable, ammonia-free and low odor Contains low or no organic solvents Suitable for heavy rolling loads Allows immediate traffic

DO NOT USE OVER: Concrete with excessive moisture and/or alkali; existing cushion-backed resilient flooring; substrates treated with fire-retardant chemicals, fungicides, preservatives, release agents, adhesive removers, sealers, curing compounds or other incompatible treatments

Will bond to all substrates listed below but refer to flooring installation system for specific installation recommendations:

- Concrete on all grade levels
- Suspended wood and wood Underlayment
- Existing well-bonded resilient flooring; not perimeter-bonded or cushioned-backed
- Ceramic Tile, terrazzo, marble and Polymeric Poured Floors
- Properly mixed and applied powder underlayment and embossing levelers
- Poured in place gypsum subfloors, primed with Armstrong S-310 Roll Strong Adhesive
- Radiant-heated subfloors where the surface temperature does not exceed 85° F (29° C)

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For use with the following Installation Systems:

- Commercial Luxury Vinyl Tile Flooring Installation System
- Residential LVT Planks Installation System

Installation Tips:

- Condition the area to be installed, adhesive, and flooring to minimum 65 degrees F (18 degrees C) for 48 hours before, during, and for 48 hours after installation. The installation site must be acclimated with HVAC in operation.
- Subfloor must be smooth, sound, dry, clean, and free of dirt, wax, polish, paint, and all other foreign matter which may interfere in a good bond, including curing agents and sealers.
- Damp mop is recommended prior to application.
- Always run a moisture and alkali test over concrete on any grade level or any other substrate over on- or below-grade concrete. For accurate results, curing agents must be removed in areas where tests will be run. For LVT relative humidity in-situ probe results should not exceed 90% for LVT. PH readings should be 8 to 10.
- A roll-on application method is recommended with a medium nap (3/8"nap) roller to achieve a smooth even full-spread coating. Spread rate and drying time of the adhesive will depend on the porosity and texture of the substrates and the ambient temperature and relative humidity. **KEEP PAINT ROLLER WET!!** Do not apply pressure to the roller, allow it to freely roll over the substrate. **ADHESIVE COVERAGE MUST NOT EXCEED 400 ft²/gal!!** Overly absorbent or rough substrates will require two coats. Once the coating has dried, it must be kept clean and apart from any contact with other surfaces until ready to begin the bonding process. Do not spread more adhesive than can be covered in 4 hours.
- Once the S-310 Roll Strong adhesive has dried, install LVT as per recommended. LVT can be repositioned as necessary prior to applying pressure. After completion of the installation, roll the entire floor in both directions with 100 lb. roller to achieve a full contact bond. Note: After the flooring has been rolled or pressed into place, repositioning is not possible. Normal traffic and rolling loads may be allowed as soon as the installation, finishing and clean-up are complete.
- **COVERAGE:** Approximately 350-400 square feet per gallon when applied with a 3/8" Nap roller