

## XpressStep Spray Adhesive Specification

### For Installation of Mannington's LVT & Sheet Vinyl

XpressStep is a water-based spray adhesive recommended for installations of LVT and sheet vinyl over porous and non-porous substrates. It is particularly convenient since it can be used in occupied buildings and greatly reduces the handling and application requirements associated with conventional adhesives. XpressStep has a very low odor and very low VOC contents.

**For best bond performance with Mannington floors, Mannington trowelable adhesives remain the standard.** However spray adhesives have advanced sufficiently in ease of use, less material required and faster installation along with adequate bond performance that Mannington can now offer XpressStep to install with LVT and sheet vinyl.

Under rolling loads (e.g. operating rooms, hospital beds) Mannington approves XpressStep when properly installed and within the recommended PSI loading for the flooring product. For sheet vinyl applications seams, perimeter, and under hospital beds require double coverage. XpressStep is not approved for abusive conditions such as, areas subject to dragging force, direct sunlight or where topical moisture would be a concern.

XpressStep may contribute to points within the LEED® Rating System (where applicable): Low Emitting Materials, adhesives that comply with the requirements of the South Coast Air Quality Management District (SCAQMD) Rule #1168.

#### SPECIFICATIONS

Size:	22 oz (624g)
Coverage:	Approx. 150-185 sq. ft. (14-17.2 sq. m), dependent on use
SAP Order Code:	277856 (box of 6 cans)
Shelf Life:	3 years from manufacture date on unused container
	<b>Protect from freezing at all times</b>
Moisture Limits:	<b>Sheet</b> - 95% RH / 8 lbs. MVER / 11 pH
	<b>LVT</b> - 98% RH / 10 lbs. MVER / 12 pH

#### ADVANTAGES

- Faster installation
- Low odor / Low VOC
- Uses up to 80% less adhesive
- Non-toxic
- Water-based
- No troweling
- Non-flammable
- Heat Weld in 1 hour

## USAGE GUIDELINES

**Shake well before each use - contents under pressure.**

**Open Time:** Allow the adhesive to become tacky to the touch with little or no transfer to fingers when lightly touched. Open time will vary depending on the substrate, adhesive coverage, and ambient conditions. **Working time for the adhesive is up to 3 hours.**

**Substrate Preparations:** XpressStep may be used on porous or non-porous surfaces, such as metal, wood, fiberglass, terrazzo, existing properly prepared vinyl composition tile, and concrete substrates. Follow concrete substrate preparation guidelines for resilient flooring as outlined in latest version of ASTM F710.

For installation over Mannington approved panel substrates, follow ASTM F1482. The substrate must be sound, even, smooth, dry, and **absolutely** clean. Remove any dirt, dust, wax, loose paint, existing adhesives, concrete sealers, curing and parting agents, and all other foreign matter that would interfere with a good bond. The installation site must be acclimated with HVAC in operation. Use only Portland based patching and leveling compounds.

The room temperature, as well as flooring materials and adhesive, must be maintained between 65° - 85° F, and the relative humidity between 30% - 60% for 48 hours prior to, during, and after the installation. **Do not use on substrates that have been chemically cleaned.**

**Application:** Shake can well. Point can downwards, and lightly press the side of the nozzle tip while walking slowly back and forth. Do not use a sweeping arm motion as this will create uneven coverage. **For Sheet vinyl applications apply double coverage to seams, perimeter, and bed footprint.**

**Installation:** Roll flooring immediately after installation is complete with an appropriate 75-100 lb. 3-section roller. Normal traffic may be allowed as soon as the installation, finishing, and clean-up are complete.

**Safety & Clean-Up:** Wet adhesive overspray or drips should be cleaned with a damp cloth. Dried adhesive may require the use of an adhesive remover such as low odor mineral spirits or equivalent. Between uses, clean the spray tip immediately with a clean wet cloth to prevent accumulation of dried adhesive. Empty aluminum spray cans; bleed off excess pressure and recycle or dispose of in accordance with local requirements.

**Warning:** Do not puncture or incinerate. Keep out of reach of children. Always put cap on after use.

**First Aid:** Avoid contact with eyes and skin. For eye contact, flush thoroughly with water for 15 minutes and get immediate medical attention.

**Disclaimer:** Users should determine the suitability of this information or product for their own particular purpose or application. Mannington is not responsible for the misuse of this product.

**Note:** Specifications are subject to nominal manufacturing variances. Specifications are subject to change without notice when shortages occur or when technological advancements provide improved product performance.