

Specification

XpressStep Spray Adhesive Specification

For Installation of Mannington's Infinity 2, Infinity 2 MG, Infinity 2 MG Cushion Modular Backings

XpressStep is a water-based spray adhesive recommended for installations of modular tiles and planks 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 trowel-able 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 modular tiles and planks.

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.

XpressStep is approved for use in areas with heavy rolling loads and heavy static loads, when properly installed.

SPECIFICATIONS

Size:	22 oz (624g)
Coverage:	Approx. 150 - 185 sq. ft. , dependent on use
Order Code:	390741 (box of 6 cans)
Shelf Life:	3 years from manufacture date on unused container Protect from freezing at all times

Moisture Limits:

No moisture testing required for Mannington **Infinity 2** carpet tile installations where XpressStep is used provided that the slab meets ASTM F-710 (except where explicitly allowed by our installation instructions) including proof of the presence of an intact moisture vapor retarder per ASTM E-1745 (Class B or better) in direct contact with the concrete slab, no standing water, no free liquids present, no evidence of moisture staining, or hydrostatic pressure and a pH level that does not exceed 12. .

No Moisture testing required for Mannington **Infinity 2 MG or Infinity 2 MG cushion** carpet tile with Xpress Step provided the slab no standing water, no free liquids present, no evidence of moisture staining, or hydrostatic pressure.

For all other condition's or when the above requirements are not met, the limits are in-situ relative humidity (maximum RH 95% per ASTM F-2170) and/or moisture vapor emissions (maximum 10 lbs./1,000 SF/24 hrs. per ASTM F-1869). Concrete must have a 12 pH (ASTM F-710). On-grade and below-grade concrete slabs must have an approved vapor retarder (ASTM E-1745) which is properly installed (ASTM E-1643).

ADVANTAGES

- Faster installation
- Low odor / Low VOC
- Uses up to 80% less adhesive
- Non-toxic

- Water-based
- No troweling
- Non-flammable

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 2 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 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.

Installation: Roll flooring immediately after installation is complete with an appropriate 3-section roller up to 75 lbs. 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.