

Specification

Mannington Infinity 2 Adhesive Specification

DESCRIPTION

Infinity 2 Adhesive is a high-solids ultra-premium acrylic pressure sensitive adhesive for use with Mannington's backed carpet. This product has been developed to address problems of moisture vapor emissions in concrete slabs. Infinity 2 Adhesive is the appropriate adhesive for installing Mannington's Infinity® 2, Infinity® 2 MG, Infinity® 2 MG Cushion, and rEvolve®II modular backing systems over porous and non-porous sub floors.

ADVANTAGES

- Easy Application
- Quick Grab
- No Solvents
- Low VOC's
- Non-Flammable
- Freeze / Thaw stable
- CRI GLP Certified

SURFACE PREPARATION

Infinity 2 Adhesive may be used over properly prepared concrete, wood, terrazzo, steel and other suitable substrates. Bring high spots level by sanding, grinding etc., fill and smooth low spots or rough surface. Use only high-quality Portland cement-based materials with a minimum 3000 psi compressive strength (ASTM C109). Mix with water only, do not use latex. The sub floor must be clean (free of dirt, dust, old adhesives, grease, wax, or other contaminants that may stain or prevent adhesion), smooth, flat, sound, fit for purpose, and free of movement. Concrete sub floors must be fully cured, clean, free from curing agents.

No Moisture Testing Required for Infinity 2 Modular or rEvolve II backing when installed with Infinity 2 Adhesive provided the slab meets ASTM F710 including the presence of an intact moisture vapor retarder per ASTM E1745 (Class B Minimum), is in direct contact with the concrete slab, no standing water, no free liquids present, no evidence of moisture staining, and no hydrostatic pressure, for porous installations only. PH testing is required with a limit of 12

For all other condition's or when the above requirements are not met, the Infinity 2 Modular or rEvolve II backing 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).

No Moisture Testing Required for Infinity 2 MG and Infinity 2 MG Cushion backings when installed with Infinity 2 Adhesive provided the slab meets ASTM F-710 excluding the presence of an intact moisture vapor retarder, no standing water, no free liquids present, no evidence of moisture staining, no hydrostatic pressure.

INSTALLATION

After spreading the Infinity 2 Adhesive, allow adhesive to dry, no adhesive transfer to your finger. The working time will vary with the temperature, humidity, and porosity of the subfloor.

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TROWEL SIZE AND COVERAGE

Over Porous / Non-Porous Surfaces: 1/16" x 1/32" x 1/32" U notched trowel / Coverage: 25 sq yd/gal

PACKAGING

Size: 1 gallon, 4 gallons

Order Code: 443637, 443639

Weight: 10 lbs., 40 lbs.

STORAGE

Store Infinity 2 Adhesive in climate controlled interior locations only between 50 - 90°F. Protect from freezing. Infinity 2 Adhesive is freeze/thaw stable to 10°F, but prolonged or repeated freeze/thaw cycles should be avoided. Should the Infinity 2 Adhesive freeze, allow to thaw at room temperature and stir well before using. Infinity 2 Adhesive has a one-year shelf life on unopened containers.

CLEAN UP

Wet adhesive should be immediately removed from tools or surfaces with a clean, soapy, damp cloth. Dried adhesive can be removed with denatured alcohol or adhesive solvent.

WARRANTY

Infinity 2 Adhesive is manufactured according to exacting quality control standards specifically for the installation of Mannington's tile carpet. Infinity 2 Adhesive is warranted to be free from manufacturing defects for one year. Mannington flooring products are backed by a limited Commercial Warranty for bond and manufacturing defects. The warranty term matches the product backing warranty which can vary by type.