

Specification

Integra 2 Adhesive Specification

DESCRIPTION

Integra 2 Adhesive is a premium acrylic based, permanent adhesive formulated specifically for use with Mannington's Integra HP backing system only. Integra 2 permits immediate installation of Integra HP and provides essential wet adhesive transfer from subfloor to Integra HP backing. Integra HP backing requires the transfer of wet adhesive before a secure bond can develop. It is suitable for both residential and commercial climate-controlled environments. Integra 2 Adhesive can be used over porous and non-porous subfloors.

ADVANTAGES

- Easy Application
- No Solvents
- Low VOC's
- Non-Flammable
- Freeze / Thaw stable

SURFACE PREPARATION

Integra 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 subfloor 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 subfloors must be fully cured, clean, free from curing agents, excessive in-situ relative humidity (maximum RH 85% per ASTM F2170) and or excessive moisture vapor emissions (maximum 8 lbs./1,000 SF/24 hrs. per ASTM F1869). Concrete must have a 7-10 pH (ASTM F710). On-grade and below-grade concrete slabs must have an approved vapor retarder (ASTM E1745) which is properly installed (ASTM E1643).

INSTALLATION

Option 1: Concrete subfloors must be tested in accordance with ASTM protocol to determine whether chemical pH and moisture emission levels are suitable. Test methods, locations and results must be fully documented for future reference. Independent certification is recommended. Results should be as follows for full warranty coverage:

- pH test, ASTM F710, should be 7-10.
- Relative Humidity, ASTM F2170 is the preferred method and should be 85% or less.
- Calcium Chloride, ASTM F1869, should be 8 lbs. or less.

Option 2: Integra HP backing installations using Mannington's Universal Primer, Integra 2 wet set adhesive and MT-800 seam sealer will no longer require moisture vapor emission rate (MVER) or Relative Humidity (RH) testing, but only when meeting the following conditions:

- No free liquids present.
- No evidence of moisture staining.
- pH is 9 or less. pH tests are required for all installations of Integra HP backings.

Specification

After spreading the Integra 2 Adhesive onto the subfloor, adhesive should never be allowed to skim over or begin drying from the surface before installing HP backing carpet. Wet adhesive may need several days for moisture to escape sufficiently for the adhesive to develop a full bond that comes only with drying and curing. The dry and cure time on the adhesive will have an impact based on the temperature, humidity, and porosity of the subfloor.

NOTE: for product warranty on Integra backing the Integra 2 adhesive and the MT-800 seam sealer and MT-900 seam cleaner must be used.

TROWEL SIZE & COVERAGE

Over Porous / Non-Porous Surfaces: 1/16" x 1/16" x 1/16" square notched trowel / Coverage: 15 sq yd/gal

FINISHING

Each carpet width installed must be thoroughly rolled with a 35-75 lb. 3 section roller immediately after being placed into adhesive to remove air pockets and ensure adhesive transfer. Push roller away from seam to avoid breaking sealer bond. Wait 24 hours for normal foot traffic and wait 72 hours for point loads after installation.

PACKAGING

Size:	4 gallons
Order Code:	189625
Weight:	45 lbs.

STORAGE

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

Integra 2 Adhesive is manufactured according to exacting quality control standards specifically for the installation of Mannington's Integra HP backing carpet. Integra 2 Adhesive is warranted to be free from manufacturing defects for one year on unopened containers.