

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

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

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.

No Moisture Testing Required for Integra HP backing when installed with Integra 2 Adhesive provided 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 Minimum) in direct contact with the concrete slab, no standing water, no free liquids present, no evidence of moisture staining, no hydrostatic pressure and a pH level that does not exceed 12. Mannington's Universal Primer is required prior to installation of Integra 2 adhesive.

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 F2170) and/or moisture vapor emissions (maximum 10 lbs./1,000 SF/24 hrs. per ASTM F1869). Concrete must have a 12 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

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.

Specification

TROWEL SIZE AND COVERAGE

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

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. Wet adhesive should be immediately removed from tools or surfaces with a clean, soapy, damp cloth. Dried adhesive can be removed with denatured alcohol, mineral spirits 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. Mannington flooring products are backed by a limited Commercial Warranty for bond and manufacturing defects. The warranty term matches the backing warranty which will vary by type.