

# **SEAM + ADVANTAGE INSTALLATION PROCEDURES FOR TRANSITIONING MANNINGTON'S INTEGRA HP / INTEGRA HP RE CARPET BACKINGS TO MANNINGTON'S COMMERCIAL SHEET FLOORING AND LVT PRODUCTS**

## **THIS INSERT DEALS STRICTLY WITH TRANSITIONING OF MANNINGTON'S INTEGRA HP / INTEGRA HP RE CARPET AND MANNINGTON'S COMMERCIAL SHEET FLOORING and LVT**

**Follow the Installation Procedures for Mannington's Integra HP/ Integra HP RE Carpet.**

**Follow the Installation Procedures for Mannington's Sheet Flooring.**

### **SEAM CUTTING FOR TRANSITION FROM CARPET TO SHEET FLOORING**

**There are three different seam cutting methods that can be used.**

1. Seams can be cut via the double cut method with National Equipment's #575 commercial "glass" seam cutter.
  - The cutter is specifically designed to row cut the top breadth of carpet; while simultaneously trace cutting the sheet vinyl below it.
  - Simply run a screwdriver down the length of the top breadth of carpet to open a row, adjust the blade to the proper gauge, align the cutter and cut the seam.
  - The #575 seam cutter will produce net fitting seams without gaps or fullness.
  - Seams are to be dry cut. Wet cutting the seams will produce a weak bond and possible seam failure.
  - Mannington's carpet to sheet flooring will not accept fullness; seams must be cut net fit.
  - To obtain a #575 cutter, call 800-245-0267 for a distributor nearest you.
2. Seams can also be cut using the trace cutting method.
  - Trim carpet edge using a row cut or straight edge trimming method.
  - Overlap inlaid sheet vinyl with trimmed carpet edge.
  - Use a cushion back trimmer held along the carpet edge to trim sheet vinyl.
3. Seams can be cut using a straight edge.
  - Use straight edge to trim both carpet and sheet vinyl for net fit at seam.

### **ADHESIVES FOR CARPET**

**Mannington's INTEGRA-2 vinyl compatible adhesive must be used when installing Integra HP / Integra HP RE Backing.**

- Do not use this adhesive with latex or polyurethane backed carpets, sheet vinyl, VCT, etc.
- INTEGRA-2 is an acrylic adhesive and as such will not develop sticky legs like a multi purpose adhesive.
- After edges have been trimmed, carefully fold back seams exposing sub-floor.
- Apply Mannington's INTEGRA-2 adhesive with a minimum 1/16 x 1/16 x 1/16 square notched trowel. The spread rate should be approximately 15 yards of carpet per gallon of adhesive, depending on subfloor conditions.
- The adhesive has a 30-minute working time after spreading. Temperature and humidity will affect the set up time. Do not allow adhesive to skin over before installing carpet. Adhesive must transfer to carpet backing.

## **ADHESIVES FOR SHEET VINYL**

Fully adhere Mannington Commercial Resilient Sheet Flooring to an approved under floor. Use Mannington Commercial V-81 Premium Latex Adhesive with Fields and Magna. Use V-82 adhesive with Mannington Commercial Assurance II, BioSpec MD, Paradigm, Primus, Realities, Relay RE, and Vivendi products over all porous sub floors. Use V-95 adhesive with Mannington Commercial Assurance II, BioSpec MD, Paradigm, Primus, Realities, Relay RE and Vivendi products when installing over approved nonporous substrates or in any areas requiring a high-performance adhesive. **Note: M-Guard V-88** adhesive may be used as well for Assurance II, BioSpec MD, Paradigm, Primus, Realities, Relay RE, and Vivendi. **See M-Guard V-88 Spec** for spread rates and trowel size.

After you have trimmed the material for seaming fold it back to expose the under floor. Apply adhesive with the following recommended notched trowels.

**Porous under floors with V-81:** Use a trowel notched 1/16" wide, 1/16" deep, and 1/16" apart. Approx 15sy/gal.

**Nonporous under floors with V-81:** Use a trowel notched 1/16" wide, 1/32" deep, and 1/32" apart. Approx 20sy/gal.

**Porous under floors with V-82:** Use a trowel notched 1/16" wide, 1/32" deep, and 1/32" apart. Approx 22sy/gal.

**Nonporous under floors with V-95:** Use a trowel notched 1/16" wide, 1/32" deep, and 1/32" apart. Approx 22sy/gal.

Spread adhesive over 100% of the exposed sub floor, leaving no gaps or puddles. You can maintain uniform coverage by keeping the trowel clean and properly notched.

In most cases it is advisable to give the adhesive sufficient open time. Open time allows the moisture to flash off the adhesive, permitting the adhesive to develop more body and immediate tack. Open time is always determined by sub floor porosity and atmospheric conditions. Be certain to provide ample open time on nonporous sub floors and at seam lines.

After the adhesive has begun to tack-up, roll the sheet forward into the adhesive to avoid trapping air. Do not drop or flop the material into the adhesive. Roll the floor covering with a three-section, 100 lb (or heavier) floor roller in both directions.

**CAUTION:** When providing open time, do not permit the adhesive to "skin over" or dry. Too much open time will result in insufficient bonding.

**CAUTION:** Mannington V-95 adhesive has low initial tack. It may be necessary to apply weights to the floor covering, especially in the seam area, until the adhesive sets. When using V-95 adhesive you must also roll the adhered flooring with a 100 lb (or heavier) roller within one hour after the flooring is installed. Wait one to two hours and reroll the flooring again to ensure full contact has been achieved. Re-rolling the material will also help remove any trapped air bubbles.

## **CHEMICAL WELDING CARPET TO SHEET VINYL**

Mannington's seam sealer MT-800 **must** be used to chemically weld Integra HP / Integra HP™ RE backing to commercial sheet vinyl. The instructions are as follows:

- Fill applicator bottle with seam sealer.
- Adjust nozzle to control flow. A bead of sealer approximately 1/8" thick, equal to the thickness of the backing, should be laid along the edge of the backing.
- Apply MT-800 to the vinyl edge and fit the carpet to it.
- MT-800 dries clear so a small amount on the surface is usually not a problem. Use MT-900 seam cleaner if excessive amount is on the surface of the products
- Under slight compression, fit and smooth out complete joint. This complete operation must be performed in 10 minutes before the sealer dries out. Full strength develops in 24 hrs.
- Avoid heavy traffic or wet cleaning for 24 hrs.
- Dampen a clean white, absorbent cotton cloth with MANNINGTON'S seam cleaner MT-900 and gently rub the seam where sealer has surfaced to the carpet pile. Do not pour seam cleaner directly on the carpet.
- Coverage for MT-800 is approximately 500 lineal feet per pint.

## **CHEMICAL WELDING CARPET TO LVT**

Follow the installation procedures for Mannington or Amtico LVT.

When Installing and seaming HP Backed carpet to LVT the instructions are as follows:

- The LVT must be fully installed with the adhesive set. All areas should be trimmed and fitted.
- Mannington's seam sealer MT-800 must be used to chemically weld Integra HP / Integra HP RE to flooring.
- Trim the Integra HP / Integra HP RE carpet to fit the LVT flooring. Fold the carpet back and spread the Integra II adhesive.
- Use a 1/16 x 1/16 x 1/16 square notched trowel to apply the adhesive.
- Apply MT-800 seam sealer to the LVT edge. A bead of sealer approximately 1/8" thick, equal to the thickness of the backing should be applied along the hard surface edge. This should be applied with a standard seam sealer applicator bottle.
- Fold the carpet into the wet adhesive and fit to the hard surface edge making sure of a tight smooth joint.
- After fitting the carpet to the edge clean any excess sealer from the carpet and hard surface edge with MT-900 seam cleaner.
- Damped a clean white, absorbent cotton cloth with Mannington's MT-900 and gently rub the area where the excess sealer has surfaced. Do not pour the cleaner directly on the carpet or hard surface flooring.
- The complete seam sealing operation must be completed within 10 minutes from application of the seam sealer before the sealer dries out. Full strength develops in 24hrs.
- Avoid any heavy traffic or wet cleaning for 24hrs after installation.
- Coverage for MT- 800 is approximately 500 lineal feet per pint.

The procedures listed above are our best recommendation for chemically welding Integra HP / Integra HP RE backing to commercial sheet vinyl and LVT. This document and other literature are available upon request. If you have further questions or require additional information, please contact our Technical Services Department at 800-241-2262 Ext. 3.

HpSeamingToSheetVinylLVT / 4-8-15