

## GENERAL INFORMATION

Mannington Commercial manufactures stylish, highly durable flooring and accessories. It is important that our products are properly installed in order to provide maximum serviceability and life. It is also important for the installer to verify the correct material, color, and quantity before starting an installation, as well as verifying that the material is not damaged or defective. If a problem is encountered, a Mannington Commercial representative should be notified before the application continues.

Acclimate flooring products, adhesives, and all accessories at 65° F (18.3° C) - 85° F (29.5° C) for 48 hours prior to, during, and after installation. Room temperature should be maintained between 65° F (18.3° C) and 85° F (29.5° C) afterwards with HVAC operating. Edge Effects should be unrolled during the conditioning period, allowing it to relax and settle.

If storing for more than 2 days prior to installation, store all materials in a weather-tight enclosure. Do not stack pallets or boxes any higher than you received them.

In rooms that are exposed to intense or direct sunlight, the materials should be protected during the conditioning, installation, and adhesive curing processes.

## SURFACE PREPARATION:

Surface contaminants can cause bond failure and/or damage to the base. For preparation, the surface should be dry, smooth, and clean from dirt, dust, paint, wax, oil, varnish, finishes, old adhesive, or any material that might interfere with bonding. Prepare the surface for smoothness by sanding, scraping, or other appropriate physical means (do not use adhesive removers or chemicals). Ensure that the wall/sheetrock is properly mounted and stable. Repair and level any uneven spots, holes, gaps, joints, cracks, gouges etc., with a good-quality patching compound. Let the patching compound properly dry, and then sand area smooth. DO NOT install Edge Effects over vinyl wall coverings. For preparation, remove the vinyl wall covering to match the base height, allowing the base to bond to the wall underneath the vinyl wall covering.

Never install base on walls that will be exposed to moisture or drastic temperature changes.

## INSTALLATION:

### 1. Precautions:

This Product MUST NOT be stretched! Care must be taken NOT TO PULL the wall base excessively when unwinding from the coil, or at any time during or prior to installation. Wall base WILL NOT SHRINK, but it will relax/return to its original length if stretched. To prevent stretching when installing the Edge Effects, work back towards the last piece installed or back towards the starting point. If these instructions are not followed, it is possible that the base will be slightly stretched, causing gaps between pieces after it returns/relaxes to the original length.

### 2. Conditions:

Proper ventilation and adequate lighting should be available. IMPORTANT: All materials (the flooring products, adhesives, any patching or leveling compounds, and the surface) need to be conditioned to 70° F (21 C) - 78° F (25.5 C) for 48 hours prior to installation, during installation, and for 48 hours after installation. Allow coiled base to lie flat for at least 48 hours at 70° F (21 C) minimum prior to installation.

### 3. Equipment / Supplies:

1. Mannington Commercial MR-101 acrylic wall base adhesive
2. Premium Contact Adhesive
3. Straight edge Dividers
4. Utility Knife
5. 1/8" V-notched Spreader
6. Tape Measurer
7. Hand Roller
8. Carpenter's Square
9. Rags
10. Water
11. Rubbing Alcohol or Mineral Spirits (use sparingly and with adequate ventilation)
12. Sliding Compound Miter Saw (blade with 80 teeth or greater)

## Choices that Work.

For more information, please contact Mannington Technical Services at 800 241 2262 Ext. 3 or visit [www.manningtoncommercial.com](http://www.manningtoncommercial.com).

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#### 4. Application:

On dry and porous surfaces, the base should be adhered to the wall with Mannington Commercial's MR-101. Use a 1/8" V- notched spreader to spread the adhesive on the back of the base to within 1/4" from the top. The adhesive should cover 90% of the back of the base. The adhesive can be spread on the wall if preferred. If using a cartridge, bead the adhesive from the bottom to within approximately 1/4" from the top. If using a multiple hole nozzle on your cartridge, use a 2-hole nozzle for 2½" wall base, a 3-hole nozzle for 4" wall base, and a 5-hole nozzle for 6" wall base. Regardless of which method used, ensure that 90% of the back of the base is covered with adhesive.

On any non-porous surface application, such as laminated or painted surfaces, remove the non-porous wall covering to the height of the base to allow the base to be applied to a porous surface. If you have a non-porous surface that cannot be removed, conduct a bond test by installing 3 pieces with the Mannington MR-101 adhesive on the non-porous surface. Let them set for 24 hours and then check bond. If your bond is strong, proceed with the application. Mannington MR-101 can work in some non-porous applications, but not all. Testing is necessary. If the wall or sub-floor is uneven, you may need to trim some ends in order to correctly match the seams. Use a Standard or Sliding Compound Miter Saw, or a sharp utility knife and cut from the front to the back.

Apply each piece of base once adhesive is administered. Use a hand-roller (or a clean rag and hand-pressure) to push into the base and towards the starting point. This will properly join the base to the adhesive and avoid stretching.

#### Corners:

Miter cut pieces are available for making outside corners. If using the pre-cut corners from Mannington Commercial, install these first. Apply adhesive and position in place, taking care to ensure a tight and even fit. Mannington Edge Effect Wall Base Inside and Outside Corners can be fabricated utilizing the same equipment and techniques required for traditional wood molding or baseboards. Start the job by determining the degrees of each outside and inside corner.

#### Outside Corners:

Position a sufficient length of wall base on the wall so that it tightly abuts the previously installed section, extending past the corner. Using a pencil, mark the wall corner location along the top edge of the wall base. Set the saw blade angle to the required miter angle for the corner using an angle finder. Place the wall base section against the saw fence or miter guide. The wall base should be laying flat on the saw table with the finished surface facing upwards and perpendicular to the saw blade. Cut the wall base to the proper miter angle. Repeat this procedure for the other side of the corner. Place the two mitered sections of wall base on the outside corner and check for proper fit. **Trim, if necessary, to obtain a tight fit at the corner. To obtain a tighter and more secure fit between the two mitered sections of the corner, the two mitered areas should be glued together with a premium Contact Adhesive.**

Apply the MR-101 adhesive to the back of one section of the wall base corner, position the section in place, and roll with a hand roller to ensure proper adhesion. Apply adhesive to the back of the opposite side of the corner, position it in place, and roll to ensure proper adhesion. Miter cut pieces are available for making outside corners.

#### Inside Corners:

Set the saw blade angle to the required miter angle for the corner using an angle finder. Place the wall base section against the saw fence or miter guide. The wall base should be laying flat on the saw table with the finished surface facing upwards and perpendicular to the saw blade. Cut the wall base to the proper miter angle. Repeat the above procedure for the other side of the corner. Place the two mitered sections of wall base on the inside corner and check for proper fit. **Trim, if necessary, to obtain a tight fit at the corner. To obtain a tighter and more secure fit, the two mitered areas should be glued together with a premium Contact Adhesive, applied to both mitered edges.** Apply the adhesive to the ribbed back of one section of the wall base corner, position the section in place, and roll with a hand roller to ensure proper adhesion to the wall surface. Apply adhesive to the ribbed back of the opposite side of the corner and repeat. Attention should be given to ensure a tight an even fit to the corner. Another method is to cope the inside corner by cutting a reverse miter on the material. After that, cut along the edge of the finished face and miter with a utility knife.

You can also make your own outside corners by miter cutting the material. Miter cut your pieces at 47 degrees, rather than 45. It allows for more forgiveness to make an aesthetically pleasing corner. For inside corners, a coping corner looks best. Mitered inside corners are hard to fit correctly due to the wall corners often being irregular in shape and contour; however, they can work if the building's corners are clean and true.

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**WARNING!!** IF ANY EXCESS ADHESIVE COMES UP BETWEEN THE SEAMS, OVER THE TOP, OR OOZES OUT OF ANY PLACE, CLEAN IT UP WHILE WET WITH A WET RAG. IF DRY, USE RUBBING ALCOHOL OR MINERAL SPIRITS. THE ADHESIVE IS MUCH EASIER TO CLEAN WHILE WET. IF YOU LET THE EXCESS DRY, IT WILL BE DIFFICULT TO REMOVE. SUBSEQUENT DAMAGE MAY OCCUR TO THE BASE OR SURROUNDING AREAS IN THE PROCESS.

**Final Steps:**

- Ensure that all areas are securely bonded.
- Make any needed repairs or adjustments.
- Maintain 65° F (18.3° C) and 85° F (29.5° C) for the next 48 hours.
- Clean-up any excess adhesive as described above.
- Do not perform maintenance for 24 hours.

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