



INSTALLATION GUIDELINES

IdealBase™

GENERAL INFORMATION

All recommendations are based on the most recent available information. The information on these sheets provides general guidelines. For complete details consult Mannington Commercial's General Installation Guide or visit our website at manningtoncommercial.com. All instructions and recommendations must be followed for a satisfactory installation.

Good preparation is essential for a trouble-free installation. It is 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.

MATERIAL RECEIVING, HANDLING & STORAGE

- Material must be conditioned for at least 48 hours before beginning the installation. Acclimate wall base, adhesives, and all accessories at 65°F - 85°F (18.3°C - 29.5°C) for 48 hours prior to, during and after installation.
- 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. Avoid excessive heat exposure until adhesive is thoroughly set.
- Report discrepancies immediately to Mannington Commercial at 800.241.2262 ext. 2 (Claims), as installation of products installed with visual defects, mixed production runs or incorrect styling will not be honored.



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PREPARATION

- The flooring installation must be completed before installing Ideal Base.
- Surface temperature should be between 65°F - 85°F (18.3°C - 29.5°C) for 48 hours prior to installation, during installation, and for 48 hours after installation.
- Surface contaminants can cause bond failure and/or damage to the base. The wall surface must be structurally sound, clean, dry, smooth, and free of dirt, dust, wax, oil, grease, rust, paint, varnish, shellac, finishes, old adhesive or any other foreign substances that may interfere with proper 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 wall base over non-porous surfaces such as vinyl wall coverings, laminated Masonite, plastic laminates, some painted surfaces, and any other non-porous surface.

- If you have a non-porous surface, remove the non-porous covering to match the base height and expose a clean, dry, porous surface for the base to bond to.
- If you cannot remove the non-porous surface to the height of the base, do ONE of the following:
 1. Conduct a bond test by installing 3 pieces of base with the Mannington Commercial MR-101 adhesive or Mannington Double-Sided Tape on the non-porous surface. Let them set for 24 hours, and then check the bond. If your bond is strong, proceed with the application. Mannington MR-101 and Mannington Double-Sided Tape can work in some non-porous applications, but not all. Testing is necessary.
-or -
 2. Use contact cement to bond the wall base to the non-porous surface. Follow contact adhesive manufacturer's precautions and directions.
- Never install wall base on walls that will be exposed to moisture or drastic temperature changes.
- **IdealBase will not conform to curved walls. Straight installation only.**
- When using the double-sided tape application, prime all porous surfaces including the 2-inch band on the subfloor with Mannington Premium Universal Primer.

NOTE: Wall base MUST NOT be stretched. Care must be taken NOT TO PULL the wall base excessively 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.

ADHESIVE

Mannington Commercial's Mannington Double-Sided Tape and MR-101 adhesive are solvent free, environmentally safe based adhesives. Use Mannington Double-Sided Tape or MR-101 on any clean, dry, porous surface. For non-porous surfaces, use Mannington Double-Sided Tape or contact cement. Follow contact adhesive manufacturer's precautions and directions.

FLOORING INSTALLATION

The sheet flooring must be installed before the Ideal wall base, except when installing Mannington Legato flooring. Snap chalk lines for adhesive termination line around perimeter of room (2" away from the wall) stopping at outer edge of doorframes. Install flooring, apply the flooring adhesive overlapping the predetermined caulk lines 1/8" to 1/4" inch to allow for the sheet flooring to bond well to the predetermined stopping points. Follow all Mannington Commercial installation instructions for sheet vinyl. With the sheet vinyl installation complete, snap chalk lines on sheet surface 2" from all perimeter wall terminations as done on substrate prior to sheet installation. Cut away excess material at 2" chalk line. Remove the perimeter cuts and clean up any residue by scraping and vacuuming the wall edges.

IDEALBASE INSTALLATION

Outside corners - Begin Ideal Base installation at outside corners. Starting on one side of the outside corner. Insert the Ideal base fitting it to the sheet flooring. Position the base edge against the outside corner making direct contact with the sheet flooring at both intersections.

Next, using a pencil or pointed scribing tool, mark the back of the wall base highlighting the wall stopping point or wall junction. Remove the base and position so the back of the base is exposed, and the pencil mark is visible. Using a sharp utility knife and small square, trim the highlighted mark from the top of the base down to where the radius of the base starts. Remove the excess. Next, position the base into a small miter box with the precut line against the 45-degree cutting slot. Using the miter saw, cut the remaining radius and toe of the base on the 45-degree angle to complete the trimming process. Once this is done follow the same procedure for the opposite wall. Dry fit to check for accuracy. Allow max 1/8" gap at all wall base seams for cold weld process.

Inside corners - Position the base on one side of the wall to a net fit. Dry lay for accuracy. Once the fit is determined. Remove the base and position into the small miter box with the long wall edge against the 45-degree position and the toe portion flat in the box. Using the provided miter saw, cut the radius and toe portion of the base on the 45-degree cut. Remove and position back on the wall. On the opposite wall, slide the base toe against the already cut 45-degree corner. Next using a set of flooring scribes mark the base on the wall portion. Using a sharp utility knife, trim the marked vertical portion of the base down to the top of the radius. Once completed, position the base into the miter box with the already trimmed vertical portion against the 45-degree mark of the miter box. Trim the remaining radius and toe on the 45-degree angle. Dry lay the base into place to check fit. Allow for the 1/8" gap.

Once the dry fit process is completed, the adhesive application can begin. Remove dry-fit sections of IdealBase and lay face down on surface of newly installed flooring substrate.

Double sided tape application - Always prime the floor substrate and porous wall section when using the double side tape application. Nonporous walls do not require a coat of primer.

Using a scrap piece of wall base, position on the wall and mark approx. 1/8" below the finishing edge of the base as reference points. The other option is to measure 6" from the floor and mark as reference points. Do this on each end of the wall. Using a white or light-colored chalk line snap reference lines for the stopping point of the double-sided tape. Do not let the tape exceed past the finished edge of the base. Apply Mannington Double-Sided 6" tape even with your chalk line, press firmly into place. Apply Mannington Double-Sided 2" tape to the subfloor

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keeping flush with the edge of the sheet flooring. Press firmly into place. Use of a hand roller is recommended. Remove wax paper from Mannington Double-Sided 2" tape on the floor and press the IdealBase firmly into place keeping it flush against the wall. Next gently lay the wall base over and remove the wax paper from the Mannington Double-Sided 6" tape affixed to the wall and press firmly into place. Roll Ideal- Base using a standard Vinyl Seam/Base Roller.

MR 101 application - When utilizing the wet adhesive application, use the same dry fit process as above. Once the fit is confirmed lay the base over and apply the MR 101 adhesive. Use a 3/16" x 5/32" V-Notch hand spreader to apply the adhesive on the back of the base to within 1/4" from the top. Also, the cartridge method can be used. The adhesive should cover 90% of the back of the base. The adhesive can be spread on the wall if preferred. Apply Mannington Double-Sided 2" tape to the subfloor following the same procedure as above. Once the adhesive has been applied install the base immediately. Be sure to place the toe section into place first keeping the base edge against the sheet vinyl. Press firmly into place and roll the base with a hand roller.

Heat Weld Process:

Once IdealBase is installed to the floor and wall, the next process is to join the toe of the base to the sheet flooring. The only approved method is to heat weld. Following the standard heat welding process,

1. Groove out the seam removing two-thirds of the material using a 4mm hand groover similar to a Turbo hand groover. Be sure to center the groove on the center of the seam.
2. Pre heat the welding gun. Practice on a scrape piece of material for temperature and speed.
3. Once the weld is completed, skive off the first pass while the weld rod is warm. Allow the weld rod to fully cool before making the final pass. Once the weld is completed apply a protective coat of Mannington Quantum Guard Elite®Pen.

Standard Wall Base Application (Non-sanitary application)

In this application the base can be installed by cutting the sheet flooring out for a smooth transition or installed on top of the existing floor as a standard base.

All cuts can be made utilizing a powered compound miter saw, hand trimming or other methods. Use an 80-tooth blade or larger when utilizing the power saw.

1. Outside or Inside corner, make two 45-degree cuts to provide a 90-degree miter. It will be of necessity to make a wooden jig to support the base on both sides to allow the flexible base from moving during the cutting process. Using the scribe method for the inside corner is also an approved method.
2. Dry fit the base before proceeding to the adhesive application. All base joints should be fit with a tight fit.
3. Same adhesive application as above. Apply adhesive and press the base into place. For outside corners, use of contact cement or super glue should be used to help hold the 45-degree angle cut together. Be careful to not allow the glue to get on the face of the material.
4. The toe to sheet flooring seam must be heat welded when installing in a flush application.

5. When utilizing the base as a standard application and going on top of a resilient floor, the 2" inch double sided tape must be used to secure the toe of the base. Be sure not to let the tape film exceed the width of the toe. Keep it back 1/8 inch from the finished edge. Note: The toe is cut square and not designed to taper to the floor.
6. Use Colorite color match caulk for all non-sanitary base applications and for filling any voids in the base seams. Seal all caulk with Mannington Quantum Guard Elite® pen.

COLD WELD AND QUANTUM GUARD ELITE® FINISH PEN INSTRUCTIONS

1. Clean all areas near around seams to receive Mannington Cold Weld.
2. Use low profile masking tape at edges of seams (including top and bottom) that will receive Mannington Cold Weld.
3. When using Mannington MR 101 adhesive on the walls, the adhesive must be fully dry before applying any topical tape in the cold weld process. If not fully dry, when removing the tape, it will pull the base seams off the wall.
4. Apply Mannington Cold Weld directly into all 1/8" seam gaps using a standard 10oz. caulk gun.
5. Outside corners and straight seams, smooth and remove all excess Mannington Cold Weld using a standard putty knife. For the inside corners, use of a small curved spatula is recommended.
6. Outside corners require more attention to smooth the Mannington Cold Weld to deliver visually pleasing results.
7. Inside seams can be smoothed using a small, rounded spatula caulking tool or simply finger smoothing the vertical sections. Use disposable gloves during this process.
8. Remove tape.
9. Wait 15 min. Spray 70% Isopropyl alcohol directly on any Mannington Cold Weld seams that require additional smoothing. Use disposable gloves during this process. Lightly feather any rough places or uneven caulk.
10. After approximately 4 hours, use low profile masking tape at edges of seams (including top and bottom) that will receive Quantum Guard Elite Finish Clear or Colored Pen.
11. Before use shake vigorously to blend the ingredients, remove the cap, daub the felt tip marker a few times to begin the flow of the floor finish and then coat over the seam area with a thin, even application to provide a durable coating that resists soiling and keeps the seam area looking clean. Use care to apply the protective coating over the seam area; do not over apply onto the flooring substrate.
12. In high traffic areas or for greater color consistency it is a good practice to apply two or even three coats of finish from the Quantum Guard pen. Ensure that the finish is thoroughly dry before applying additional coats. Each coat should be allowed to dry approx. 30 minutes before the final overnight cure..

FINISHING/CLEAN UP

- If any excess adhesive comes up between the seams, over the top of the base, or oozes out of any place, clean it up WHILE WET, with a wet rag dampened with water. Once dry, adhesive is difficult to remove.
- Ensure that all areas are securely bonded.

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

HELPFUL TIPS

See our Mannington IdealBase Installation Video at manningtoncommercial.com

For more Information, please contact Mannington Commercial Technical Services at 800.241.2262 ext. 3 or visit manningtoncommercial.com.