



Installation Instructions

Millwork® Profiles



Handling and Storage

1. Johnsonite wall base and adhesives must be site conditioned at room temperature for 48 hours prior to, during, and after installation. Room temperature must be maintained between 65° and 85°F (18° and 30°C) with HVAC system operating. A minimum temperature of 55°F (13°C) must be maintained afterwards. The ambient relative humidity should be between 40% and 60%.
2. Care must be taken not to pull the wall base excessively when removing it from the carton. **The wall base will not shrink,**

but it will relax to its original length, if stretched.

3. In areas that are exposed to intense or direct sunlight, the product must be protected during the conditioning, installation, and adhesive curing periods, by covering the light source.
4. The highest quality of materials and workmanship is employed in the manufacture of Johnsonite Flooring and careful inspection is made before shipment. However, a quality installation is the responsibility of the installer. It is the installer's responsibility to verify the

accuracy of the order and to ensure the materials are checked for damage, defects, and satisfactory color match. An authorized Johnsonite distributor or Johnsonite representative must be notified of any defects before installation proceeds.

5. Johnsonite cannot accept responsibility for any loss or damage that may result from the use of this information, due to processing or working conditions and/or workmanship outside our control. Users are advised to confirm the suitability of this product by their own tests.

General Surface Preparation

1. **All walls** must be clean, smooth, flat and dry. The surface must be free of all dust, loose particles, solvents, paint, grease, oil, wax, alkali, sealing/curing compounds, old adhesive, and any other foreign material, which could affect installation. Remove existing adhesive mechanically – do not use chemical adhesive removers or solvents. Fill all depressions, cracks, and other surface irregularities with a good quality patching compound.
NOTE: Contamination on the substrate can cause damage to the resilient wall base material. Permanent and non-permanent markers, pens, crayons, paint, etc., must not be used to write on the back of the wall

base material or used to mark the substrate as they could bleed through and stain the wall base material. If these contaminants are present on the substrate they must be mechanically removed prior to the installation of the flooring material.

Caution: Do not use liquid solvents or adhesive removers.

2. Do not install Johnsonite Millwork Resilient Wall Base over vinyl wallcoverings.
3. Do not install Johnsonite Millwork Resilient Wall Base over non-porous surfaces with Johnsonite 960 Wall Base Adhesive. Utilize Johnsonite 945 Contact Bond Adhesive following the non-porous application instructions for all non-porous surface installations.

4. Never install Johnsonite Millwork Resilient Wall Base on surfaces that will be exposed to drastic temperature changes or moisture.
5. **Terrazzo and Ceramic wall** surfaces must be thoroughly sanded to remove all glaze and waxes. Remove or replace all loose tiles and clean the grout lines. Use a Portland cement based leveling compound to fill all grout lines and other depressions.
6. **Steel wall** surfaces must be mechanically abraded to assist with the adhesive bond. The wall must be cleaned to remove all dirt, rust and other contaminants. When applying adhesive the non-porous installation instructions must be followed.

Millwork Wall Base Installation

1. Recommended Adhesives:

- a. Porous Surfaces **ONLY:**
Johnsonite 960 Wall Base Adhesive
Trowel: 1/8" x 1/8" x 1/8" 'SQ' notch
- b. Non-Porous Surface:
Johnsonite 945 Contact Bond Adhesive
Apply adhesive with a Brush or Short Nap Roller

Caution: Allow the adhesive to dry to the touch with no transfer to the finger. Once the adhesive reaches the "dry-to-touch" state, the wall base must be installed within 45 minutes and immediately rolled.

2. Equipment Requirements:

- ◆ Standard or Sliding Compound Miter Saw, Radial Arm Saw, or Table Saw equipped with a Carbide tip blade with 80 teeth or greater
- ◆ Utility knife
- ◆ Straight edge
- ◆ Tape measure
- ◆ Carpenter's square
- ◆ Slide Bevel & Protractor
- ◆ Hand roller

- ◆ Dividers (Crain 380 or equivalent)

3. Installation Procedure

- a. Cut the Millwork Resilient Wall Base to the required lengths using a Standard or Sliding Compound Miter Saw, Radial Arm Saw, or Table Saw equipped with a Carbide tip blade with 80 teeth or greater.
Note: When butting wall base seams together, it may be necessary to square cut the factory edge if butt ends do not align.
- b. For installations on **porous wall surfaces**, apply Johnsonite 960 Wall Base Adhesive to the ribbed surface (back) of the wall base with an 1/8" square-notched trowel. **The adhesive should cover 80% of the back surface.** Leave a 1/4" (6.35mm) uncovered space at the top of the wall base to prevent the adhesive from oozing onto the wall above the base when installed.
- c. For installations on **non-porous wall surfaces** (i.e.: metal, epoxy paint, ceramics, etc.) apply Johnsonite 945

Contact Bond Adhesive to both the wall surface and the back of the wall base. Allow adhesive to thoroughly dry to the touch. The adhesive will turn from "blue to opaque" when dry. Carefully position the wall base on the wall surface.

Note: Once contact is made to the wall surface, the wall base cannot be moved.

- d. Position wall base on wall surface and roll with hand roller. **Always roll back to starting point to prevent stretching the wall base.**

4. Clean-up

- a. Use a clean white cloth dampened with water to remove wet adhesive from wall base, substrate, floor covering and tools.
- b. Dried adhesive may require the use of denatured alcohol applied to a clean white cloth. (Follow manufacturer's precautions when using denatured alcohol.)



Optional Quarter Round and Shoe Moulding Installation

1. The quarter round profiles (QTR) and the shoe moulding profile (SHU) are provided with a pressure sensitive adhesive backing for ease of installation.
2. After the Millwork Resilient Wall Base has been installed, wipe down the surface of

the wall base using denatured alcohol on a clean white cloth to remove any contaminants. Place the quarter round or shoe moulding profile on the floor with the adhesive backing facing the wall base.

3. Remove the release paper from the adhesive backing and press the moulding firmly against the face of the wall base. (Do not adhere the moulding to the floor) Roll with a 2" hand roller to ensure proper adhesion.

Millwork Wall Base Corner Installation

Johnsonite Millwork Resilient Wall Base Inside and Outside Corners are fabricated utilizing the same equipment and techniques required for traditional wood molding or baseboard profiles.

1. Outside Corners:

- a. Position a sufficient length of wall base on the wall so that it tightly abuts the previously installed section and extends past the corner.
- b. Using a pencil, mark the wall corner bend location along the top edge of the wall base.
- c. Set the saw blade angle to the required miter angle for the corner using a protractor.
- d. Place the wall base section against the saw fence or miter guide so the wall base is laying flat on the machine table with the contoured (show) surface facing up and perpendicular to the saw blade.
- e. Cut the wall base to the proper miter angle. Repeat this procedure for the other side of the corner.

- f. Place the two mitered sections of wall base on the corner and check for proper fit. Trim, if necessary, to obtain a tight fit at the corner.

- g. To obtain a tighter and more secure fit between the two mitered sections at the corner, glue the two mitered areas together with Johnsonite 945 Contact Bond Adhesive.

- h. 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.

- i. Apply adhesive to the ribbed back of the opposite side of the corner. Attention should be given to a tight and even fit to the corner.

2. Inside Corners:

- a. Set the saw blade angle to the required miter angle for the corner using a protractor.

- b. Place the wall base section against the saw fence or miter guide so the wall base is laying flat on the machine table

with the contoured (show) surface facing up and perpendicular to the saw blade.

- c. Cut the wall base to the proper miter angle. Repeat the above procedure for the other side of the corner.

- d. 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.

- e. To obtain a tighter and more secure fit between the two mitered sections at the corner, glue the two mitered areas together with Johnsonite 945 Contact Bond Adhesive.

- f. 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.

- g. Apply adhesive to the ribbed back of the opposite side of the corner. Attention should be given to a tight and even fit to the corner.

Adhesive Clean Up

Excess adhesive should be removed during the installation process.

960 Wall Base Adhesive

- ◆ Use a clean white cloth dampened with water to remove wet adhesive from wall base, substrate, floor covering and tools.
- ◆ Dried adhesive may require the use of denatured alcohol applied to a clean white

cloth. (Follow manufacturer's precautions when using denatured alcohol.)

945 Contact Bond Adhesive

- ◆ Use a clean white cloth dampened with water to remove wet adhesive from wall

base, substrate, floor covering and tools.

- ◆ Dried adhesive may require the use of denatured alcohol applied to a clean white cloth. (Follow manufacturer's precautions when using denatured alcohol.)

Maintenance

1. Wait 72 hours after installation before performing initial cleaning.
2. A regular maintenance program must be started after the initial cleaning.

3. Refer to Johnsonite's Maintenance Instructions for complete details.

Check Web Site (www.johnsonite.com) for current instructions.

Contact Johnsonite at (800)-899-8916 with any questions.

