

Johnsonite®

Resilient Mouldings

Installation and Maintenance Instructions

Introduction

Johnsonite Resilient Mouldings are manufactured from a homogeneous composition of polyvinyl chloride (PVC), high quality additives, and colorants to meet the performance and design requirements of the Americans with Disabilities Act, Section 4.5.2 Changes of Level and Coefficient of Friction requirements.

These unique designs address a wide variety of applications and provide a safe transition from one surface to another, without compromising aesthetics.

These highly resilient materials are ideal for high-trafficked workplace interiors and public places such as airports, schools, and shopping malls, as well as, other health care, hospitality, retail and office environment applications.

The highest quality of materials and workmanship are employed in the manufacture of Johnsonite Resilient Mouldings 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 the materials be checked for damage, defects, and satisfactory color match prior to installation. An authorized Johnsonite distributor or Johnsonite representative shall be notified of any nonconformance before final adhesive application proceeds.

Johnsonite cannot accept any responsibility for the 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.

Johnsonite Resilient Mouldings are for interior installations only and not recommended for environments where the product will be exposed to animal fats, vegetable oils, or petroleum based materials. (i.e.: commercial kitchens)

Handling and Storage

1. Johnsonite Resilient Mouldings and adhesives must be site conditioned at room temperature for 24 hours prior to, during, and after the installation. **Room temperature must be maintained between 65° and 75°F. (18° and 24°C)**
2. In rooms 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.
3. **Johnsonite Resilient Mouldings are not recommended for exterior use. Exposure to excessive UV rays can result in fading and/or color variation.**

General Subfloor and Wall Surface Preparations

1. **All subfloors and wall surfaces** must be clean, smooth, and dry. Dust, scale, and loose particles must be removed. The surface must be free of solvents, paint, grease, oil, wax, alkali, sealing/curing compounds, and any other foreign material, which could affect adhesive bonding.

Do not install Johnsonite Resilient Mouldings over expansion joints or in areas where the product will be exposed to animal fats/greases or vegetable oils.

2. **Terrazzo and Ceramic Surfaces** - The surface must be thoroughly sanded to remove all glaze and waxes. Remove all loose tiles and clean the grout lines. Fill all grout lines and other depressions with a cementitious leveling compound.
3. **Steel Surfaces** -The surface must be thoroughly cleaned by sandblasting, wire brush or other mechanical means to remove all rust and other contaminants. Paint the surface with an anti-corrosive coating (i.e.: Sherwin Williams "Kromik Metal Primer" or equivalent) to prevent rust from recurring.

Resilient Moulding Installation

Glue-Down Type:

Transitions, Reducers, Edge Guards, Cove Caps, Thresholds, Filler Strips, Tub Mouldings, and Quarter Round

1. Apply Johnsonite #945 Contact Bond Adhesive to the back of the moulding and the wall/floor surface area. The adhesive is ready for installation when it dries from "white to clear" and is still tacky, but does not transfer to the finger.
2. Carefully position and install the moulding. Use a J-roller and hand roll the moulding to ensure proper adhesive bond. **Important:** Contact Bond adhesives adhere on contact. Repositioning of the moulding is impossible once the adhesive makes contact to the adjoining surface.
3. When adjoining carpet, trim the carpet so that it fills the undercut area of the moulding completely.
4. Fold back the carpet and apply adhesive to the back of the carpet and to the base surface of the moulding, which will extend under the carpet after installation.
5. Allow adhesive to dry, as discussed in step #3.
6. Tuck the edge of the carpet into the undercut by bending slightly. Use a tucking tool to force the carpet completely into the undercut. Use a J-roller to smooth out irregularities.

Snap-In Type Transitions:

1. **Johnsonite Snap-In Type Mouldings** must be allowed to condition for 24 hours prior to installation. Coiled mouldings must be uncoiled and laid out flat during the conditioning period.
2. Install the track base (CDB-OO-A or MT series types) first. CDB-00-A must be installed with Contact Bond Adhesive. MT series track bases can be installed with contact bond adhesive or mechanically fastened with nails or screws.
3. Care must be taken when handling and installing snap-in mouldings to eliminate the possibility of stretching the material, which will result in gaps after installation.
4. Measure the length required for the application. **Transfer the measurement to the snap-in moulding, but add an additional 1/4" (6.35 mm) to the measurement.**
5. When adjoining carpet, trim and glue the carpet to the track base mounting leg.
6. Position the snap-in moulding over the track base. Install approximately 1 ft. (.3 m) of the snap-in moulding into each end of the track base using a rubber mallet.
7. Continue installing the snap-in moulding into the track. Install 2 to 3 feet at a time, alternating from end to end, slightly angling the mallet head back towards the starting point.
8. When installing mitered corners, apply contact bond adhesive to the barbed insert of the snap-in moulding and the

channel of the track base. Apply adhesive for 2-3 inches in both directions of the mitered corner. Install as previously discussed.

Vinyl Corner Bumper Guards:

1. Johnsonite Corner Bumper Guards must be allowed to condition for 24 hours prior to installation.
2. Position and pencil mark the desired installed location of the bumper guard on the wall surface.
3. Apply Johnsonite #945 Contact Bond Adhesive to the back of the corner bumper guard and the marked wall surface area. The adhesive is ready for installation when it is still tacky, but does not transfer to the finger.
4. Starting at the top, slightly expand the bumper guard legs as that the inside angle of the bumper guard makes contact to the angle of the wall surface first, then press the legs into place. Continue this procedure until the installation of the bumper guard is completed.
5. Use a J-roller and hand roll the bumper guard to ensure proper bonding.

Lexan Corner Bumper Guards:

1. Position and pencil mark the desired installed location of the bumper guard on the wall surface.
2. When installing Lexan Bumper Guards equipped with pressure sensitive adhesive backing. Remove the protective paper liner, reposition the bumper guard on the wall surface and firmly press the bumper guard into place along its entire length.
3. When mechanically fastening Lexan Corner Bumper Guards, position the bumper guard at the desired mounting location, utilize the screw nails provided, position the nails in the predrilled holes, and firmly seat the nails into the wall surface.

Expansion Joint Seals:

1. Mechanically remove the expansion material between the two concrete slabs to an approximate depth of 1-1/2" (3.81 cm).
2. The flooring material should be trimmed back approximately 1/8" (3.18 mm) from both sides of the expansion joint.
3. Position the expansion joint seal and tap into place with a rubber mallet. Fully seat the expansion joint seal so that the edges of the cap are in full contact with the flooring material along its entire length.

Vinyl Feature Strips:

(Note: Vinyl Feature Strips have a stipple-like grout textured surface on one side and a smooth surface on the opposite side. It is the installer's responsibility to verify which surface is to be the show surface with the specifier or project specifications prior to installation.)

1. Follow the resilient flooring manufacturer's installation instructions for the specific flooring product to be installed. Vinyl Feature Strips must be installed during the resilient flooring material installation.
2. Prepare the substrate and apply the manufacturer's recommended adhesive for the specific flooring according to the manufacturer's instructions.

Important: When Johnsonite Vinyl Feature Strips are installed with resilient flooring materials and adhesives other than those manufactured and approved by Johnsonite, Johnsonite will assume no responsibility or guarantee the compatibility or adhesion performance of those adhesives.

1. Following the flooring layout outlined by the project requirements, abut the vinyl feature strip tightly and uniformly along the edge of the resilient flooring material while pressing the feature strip into the adhesive layer. Occasionally lift the edge of the feature strip to ensure adhesive transfer.
2. Vinyl Feature Strips and the resilient flooring material shall be thoroughly rolled in both directions with the roller, as described, in the resilient flooring manufacturer's installation instructions.
3. **Maintenance:** Refer to the resilient flooring manufacturer's maintenance requirements.

Contour Edge Transition Moulding

1. Mark a pencil line on the floor where the transition is to be installed.
2. Position and hold the transition along the pencil line and mark the floor every 3" through the holes in the flanges.
3. On concrete floors, drill 5/32" pilot holes in the flange hole locations and secure the transition using 3/16" x 1-1/4" long self-tapping concrete screws.

On wood floors, secure with #10 x 1-1/4" long round head wood screws.

Resilient Moulding Maintenance

1. Do not perform any maintenance on the product for 24 hours after installation is completed.
2. Thoroughly sweep or vacuum the entire surface area to remove all loose dirt and grit.
3. Prepare a cleaning solution by mixing 1 to 4 oz. of a neutral detergent (pH of 7-8) per gallon of warm water. The dilution selected depends on light to heavy soil conditions.
4. Scrub the resilient moulding surface with the solution using a clean cloth or sponge.
Note: For extremely heavy soil conditions, use Clorox's "Soft Scrub" or equivalent and scrub surface with a damp cloth or sponge.
Caution: Do not use abrasive cleaners on Lexan Corner Bumper Guards.
5. Rinse with clean cold water and allow the product to thoroughly dry.
6. If desired, one or two coats of a liquid, acrylic floor finish may be applied to improve gloss level and ease cleaning. Follow manufacturer's directions for application and drying times.
Caution: Do not apply floor finish to Lexan Corner Bumper Guards.
7. If questions arise that have not been addressed in the brochure, contact your local Johnsonite distributor for assistance or Johnsonite Customer Service at 1-800-899-8916.

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