

Johnsonite®

Floor Keeper™ Rubber Entrance Barrier Matting

Installation Instructions

Introduction

Johnsonite Floor Keeper Rubber Entrance Barrier Matting is manufactured from a homogeneous composition of 100% natural rubber and high quality additives in a solid, molded rubber, modular unit with patented nylon-fiber carpet inserts. This highly resilient material is ideal for internal entrances of heavily trafficked areas 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 Floor Keeper Rubber Entrance Barrier Matting 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 and defects during the dry laid 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 Floor Keeper Rubber Entrance Barrier Matting is for interior installations, but not recommended for commercial kitchen environments.

Handling and Storage

Johnsonite Floor Keeper Rubber Entrance Barrier Matting and adhesives must be site conditioned at room temperature for 24 hours prior to installation. **Do not install below 60°F (15°C).**

General Surface Preparations

1. The surface must be clean, smooth, flat to within 1/8" in 10 ft., 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 Floor Keeper Rubber Entrance Barrier Matting over expansion joints or in areas where the product will be exposed to animal fats/greases or vegetable oils.

Johnsonite does not warranty installations over "particle board or chipboard" type underlayments.

Johnsonite does not recommend nor warrant matting installations over existing resilient materials. All resilient materials and adhesives must be removed prior to installing the product.

Caution: Some resilient flooring products and adhesives contain "asbestos fibers" and special handling of this material is required.

2. **Terrazzo and Ceramic Floors** - The floor 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 floors** - 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.

Floor Keeper Installation Instructions

Surface-Mounted Installation

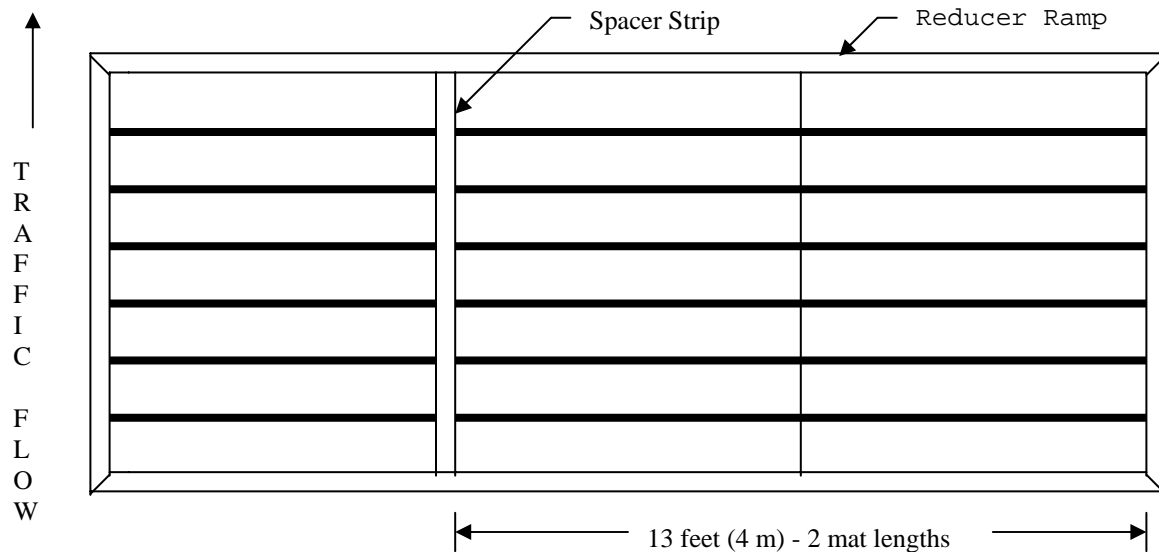
1. Johnsonite Floor Keeper Rubber Entrance Barrier Matting must be dry laid prior to adhesive installation.
2. Mark area to be covered with chalk-line or pencil. Measurements shall include all spacer and ramp materials required for the installation.
3. Lay the sections of matting with the carpet strips running perpendicular to the principal flow of traffic. Press each section firmly into position ensuring that the joints formed from the front to back of each section are butted tightly together to form an invisible joint. The left to right joints are butted in the same manner.
4. Installations exceeding 13 feet (4 m) or two mat widths in length require spacer strips to be installed for expansion. The spacer strips shall be installed perpendicular to the principal flow of traffic. (See Installation Detail - Figure 1)
5. Cut and fit the reducer ramp around the perimeter of the mat installation. Fit the reducer ramp flange under the matting to provide a tight fit between the vertical surfaces of the reducer ramp and mat edges. All corners shall be mitered. To provide a seamless appearance, mitered corners can be secured with Johnsonite Contact Bond Adhesive.
6. After layout is completed, view the dry laid installation under normal lighting conditions. **It is the installer's responsibility to inspect the dry laid installation and notify the appropriate authority of any imperfections or irregularities prior to final adhesive installation.**
7. Recheck and verify alignment marks around the perimeter of the installation prior to the removal of the flooring and adhesive application.
8. Carefully remove the flooring materials and place adjacent to the final installation area with the flooring material backs exposed.
9. Use a heavy napped paint roller or paint brush and apply Johnsonite #945 Contact Bond Adhesive to the back of the flooring materials and the final installation floor surface.

Product is ready for installation when the adhesive color turns from white to clear or is still tacky to the touch, but does not transfer to the finger. Note: This is a water-based adhesive. Drying time can be dramatically reduced by increasing temperature and air movement with the use of a fan, hair dryer or heat gun. If heat is used, allow product to cool to room temperature prior to installation.

10. After the adhesive has completely dried, place a sheet of polyethylene film (i.e.: visqueen) across the flooring surface to protect the adhesive layer from contamination and to ease the repositioning and installation of the flooring materials.
11. Reposition the reducer ramps around the perimeter of the installation first. Once in position, peel back the polyethylene sheeting in this area only to expose the adhesive layer and install the reducer ramps. Use a J-type hand roller and roll the flange and ramp sections thoroughly to ensure proper bonding.
12. Reposition the matting and spacer strips, if required, within the reducer ramp frame, previously completed. Once the matting and spacer strips are repositioned, barrel roll the matting to expose the polyethylene sheet and either peel back or cut and remove the sheeting to expose the adhesive layer. Install the section of matting into the adhesive. Proceed in this manner to install the remaining sections of matting and spacer strips. Upon completion of the installation, roll the entire surface in both directions with a 100 lb. 3 section roller to ensure proper bonding.

INSTALLATION DETAIL

Figure 1



Recessed-Mounted Installation

1. Cut and assemble the aluminum matwell frame (FRA31) to the desired requirements of the installation and secure each frame length and corners with the frame clips supplied. 1 each horizontal (flat) 90° frame clip and 2 each vertical (bent) 90° frame clips are provided with each length of aluminum matwell frame.

To secure each corner of the frame, insert one each of the vertical and horizontal 90° frame clips in their respective openings.

To secure straight lengths of the matwell frame, flatten a vertical 90° frame clip and insert into the frame openings between the two sections of frame.

2. The external face of the pre-assembled frame should be screeded flush and level with the top surface of the finished floor.
3. The internal well should be screeded up to 3/4" (19 mm) below the finished floor surface.
4. Trim and fit the sections of matting into the matwell frame with the carpet strips running perpendicular to the principal flow of traffic. Press each section firmly into position ensuring that the joints formed from the front to back of each mat section and around the perimeter of the frame are butted tightly to form an invisible joint. The left to right joints are butted in the same manner.
5. Installations exceeding 13 ft. (4 m) or two mat widths in length require spacer strips to be installed for expansion. The spacer strips shall be installed perpendicular to the principal flow of traffic.

Maintenance

Refer to Johnsonite Floor Keeper Rubber Entrance Barrier Matting Maintenance Instructions for complete maintenance instructions.

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.

Johnsonite®

Technical Services Department
16910 Munn Road, Chagrin Falls, Ohio 44023
(800) 899-8916 ext 297 Fax (440) 543-8920

www.Johnsonite.com
E-mail: info@Johnsonite.com

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