INTERLOCK RUBBER TILE

Handling and Storage

1. Johnsonite Flooring and adhesives must be site conditioned at room temperature for 72 hours prior to, during, and after installation. Room temperature must be maintained between 65° and 85°F (18° and 24°C) with HVAC system operating. A minimum temperature of 55°F (13°C) must be maintained afterwards.
2. 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.
3. Johnsonite Flooring is not recommended for exterior use. Exposure to excessive UV rays may result in fading and/or color variation.
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 Subfloor Preparation

1. **All subfloors** 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. Fill all depressions, cracks, and other surface irregularities with a good quality Portland cement based underlayment patching compound.

NOTE: Contamination on the substrate can cause damage to the resilient flooring material. Permanent and non-permanent markers, pens, crayons, paint, etc., must not be used to write on the back of the flooring material or used to mark the substrate as they could bleed through and stain the flooring 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.

Johnsonite does not recommend installing over existing resilient floors. All existing flooring and adhesives must be removed prior to installing the new flooring material. Remove existing adhesive mechanically – do not use chemical adhesive removers or solvents.

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

2. **Concrete subfloors** must be constructed as recommended by the American Concrete Institute's ACI 302.1 R-96 "Guide for Concrete; Floor and Slab Construction" and prepared to receive resilient flooring according to ASTM F 710 "Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring".

Do not install Johnsonite flooring over expansion joints.

All concrete subfloors must be tested for moisture:

Moisture tests shall be conducted in accordance with ASTM F 1869 "Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride" or ASTM F 2170 "Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using *in situ* Probes". Three tests should be conducted for areas up to 1,000 sq. ft. and one additional test should be conducted for each additional 1,000 sq. ft. of flooring.

- The Moisture Vapor Emission Rate (MVER) of the concrete will have no measurable effect on the Interlock Tiles as they are not adhered to the concrete substrate.
- Moisture testing must be conducted to identify if the MVER of the concrete is within the approved limits of the patching compound manufactures specifications. (Follow patching compound manufactures instructions for proper selection and use.)

3. **Wood subfloors** must have a minimum 18" (47 cm) of cross-ventilated space between the bottom of the joist and ground. Exposed earth crawl spaces should be sealed with a polyethylene moisture barrier.

   Subfloors should meet local and national building codes. Trade associations, such as the APA –"The Engineered Wood Association", offer structural guidelines for meeting various code requirements.

   Countersink nail heads and fill depressions, joints, cracks, gouges, and chipped edges with a good quality Portland cement based patching compound.

4. **Terrazzo and Ceramic floor** surface 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.

Interlocking Tile Installation

1. **Installation Procedure**:
   a. **Interlock tiles should not be adhered to the substrate. They are designed for loose lay installation only**.
   b. Square the area and establish reference points on substrate.
      Lay out the tile so that a minimum of one-half of a tile forms the border along the perimeter.
   c. Use established reference points and install the flooring.
   d. The tabs form an arrow on one corner of the tile. Install the tiles with this 'arrow tab' in the upper right corner.
   e. Align the next tile to the installed tile by inserting the 'male' tabs into the 'female' tabs.
   f. Once the tiles are properly aligned, roll the edge of the tiles with a small hand roller to secure the tabs.
   g. Make all final cuts around the perimeter of the area, alcoves, offsets, and other obstructions with a utility knife. Cut tiles net to walls and vertical objects. Cutting tiles tight or heavy to walls and vertical objects may cause tiles to lift or peak at the seams.

Maintenance

1. Initial cleaning should be performed immediately after installation.

2. Since Interlock Tiles are not adhered to the substrate, it is important to follow the recommended maintenance instructions using a minimal amount of water.

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.

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