Installation Instructions for Zip-Tile

UPON DELIVERY OF PRODUCT

1.   VERIFY packing slip matches with product and order.

2.   INSPECT delivered product thoroughly. Report any discrepancies of original order, product defects, etc. No reimbursement/warranty claim will be given for labor on material installed with visual defects. Any defects – size, color, or otherwise – must be reported to the place of purchase prior to installation.

3.   STORE product and adhesives in clean, dry, environment with temperatures between 70° and 95° F. (21° - 35°C)

4.   READ these installation instructions, warranty and other disclaimers carefully and completely before beginning any installations.

RECOMMENDED TOOLS
- Measuring Tape or Ruler
- Metal Straight Edge
- Non-Retractable Utility Knife w/ Extra Blades
- White Marker or Chalk
- Chalk line
- 2x4 Wood Block
- Cellophane, Masking or Packaging Tape
- Mallet

WARNING:
DO NOT use recycled rubber products in conjunction with any petroleum based products. This includes solvents, adhesives or sealants. All substrates (especially new concrete) must be fully cured for 45 to 60 days prior to installing rubber products.

INTRODUCTORY NOTE: This installation guide is intended to provide the necessary information for the proper installation of Zip - Tile. These instructions are believed to be based on accepted industry standards and are provided for informational use only.

PREPARATION

Product
Zip - Tile must reach ambient room temperature to ensure a secure, tight installation with minimal size fluctuation. Each piece should be allowed to set for a full 24 hours prior to beginning installation. This allows the product to size-stabilize at the typical room temperature. Inspect the product prior to installation for measurable defects or variations.

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<u>Sub-Floor</u>
For best installation, any sub-floor should be reasonably flat and free of holes or variances of more than 1/8" (3.17mm).

1. All sub-floors should be structurally sound and fully cured for 45 to 60 days. Test floor for vapor drive in accordance with anhydrous calcium chloride test. Vapor drive should not exceed the industry standard of <3.0 lbs. per 1,000 square feet (1.36kg/100sq m) in 24 hours.
2. Repair concrete and install joint sealants and fillers as necessary.
3. Mechanical surface profiling is the preferred floor preparation method. It is the only acceptable preparation method where warranties are issued. Acid etching is not recommended. Mechanically profile the floor to medium-grit sandpaper texture. Remove curing and parting compounds and other surface hardeners and floor coatings in accordance with the manufacturer's instructions.

A. Concrete
New concrete must be allowed to cure thoroughly prior to installation (45 to 60 days). If sealants are used, DO NOT USE ONE WITH PETROLEUM BASE. Old concrete must be repaired and have joint sealants and fillers installed as necessary. All cracks or flaws should be filled in or repaired prior to covering with rubber products. Use patching materials as appropriate. Surface must be thoroughly cleaned of dirt, dust, grease, or other foreign matter by shot blasting or other mechanical means with a commercial degreaser and allowed to dry completely before beginning installation.

B. Wood Base
Wood surfaces should be completely cleaned of dirt, dust, grease or other foreign matter and be completely dry prior to installation. Trapped moisture may rot the wood.   Nails or other protrusions should be pounded down or removed, holes repaired, and surface variances repaired within the 1/8" (3.17mm) acceptable variance level.

C. Asphalt
Asphalt requires the same preparation as concrete.

<u>CLEANING</u>
Indoors: Sweep, sponge mop or vacuum rubber flooring for everyday maintenance. Outdoors: Use of a water hose, leaf blower or broom is usually sufficient. Use the Neutral pH Cleaner & Degreaser with a sponge mop and water for more extensive cleaning. Please ask your sales representative for recommended cleaning agents. **DO NOT USE Petroleum Based Products To Clean Rubber.**

<u>INSTALLATION</u>
Zip - Tiles do not require any specialty tools or flooring experience to install, however it is very important to understand that the tiles are designed to fit together only in certain ways. (They cannot be assembled randomly) First note that there is an intended top and an intended bottom. This is because the fingers of the dovetail design will tend to lift on one side and lay flat on the other.

Installation Instructions for Zip-Tile

Step One - Identify the Intended Top from the Bottom
Holding the tile in front of you, note that in the center of each of the four sides is a flat double dovetail. On two of the sides, the tab extending out from this flat double dovetail are thin and the tabs on the sides are
thick. The orientation of these four tabs is important. First, flip the tile from front to back so that when you look at the double flat Dove Tail on the top the tab is extended on the left. Then rotate the tile until the two small center tabs are at twelve o'clock and nine o'clock. Repeat this process with each tile so that the orientation of these center tabs is the same for all tiles.

Step Two - Decide your intended layout
Zip - Tiles may be laid in straight rows and columns or in a brick pattern offsetting either the rows or the columns by 50%. Since the seams do not ordinarily show, it is unlikely that after the tiles are installed that you will be able to detect which pattern was chosen. There is some locking benefit to the offset brick pattern.

Step Three - Snap Center Lines
Begin by measuring the length and width of the room. Divide the distances as measured in inches by the width of the tile (28.5" or 22.5" measured from the inside tab on one side to the outside tab on the opposite side). This will result in the number of full tiles plus a partial tile. Snap a center line for the width of the room such that the partial tile on either side of the room is no less than 6" wide. Repeat this for the length of the room.

Step Four - Lay Tiles
Place the first tile at the center of the room where the two lines you snapped in Step Three intersect. Place the tile such that the inside of the dovetail is aligned to both the width and length line. Refer to Step one for proper tile orientation. Place the second tile on the opposite side of one of the lines. Position the tile such that the pattern of the two small center tabs (two large and two small) are in the same relative positions as the first tile. Align the dovetail patterns and press together with your thumbs. Complete the process by hitting the seam area with a rubber mallet. The third tile may be positioned either with the inside of the dovetail aligned to the other line aligning with one of the tiles, or such that 1/2 of the tile locks with the first tile and 1/2 locks with the second tile. Remember that with every tile you must repeat the relative position of the center tabs (two large and two small). Continue laying tiles in all directions until there is not enough room to lay any more full tiles within the space to be filled. There should be a space of at least 6" on all four sides of the room.

Step Five - Trim to Fit Room
Beginning in one corner, first measure from the wall to the inside dovetail pattern at each end of the tile. Then measure from the corner of the wall to the center of the edge of the tile. Position the tile such that the corresponding edge will align to the edge to be fitted and trim to fit the space from the corner to the center of the tile and to the wall or edge. Maintain a 1/4" gap between the edge piece and the wall to allow for expansion. Save the remaining piece to fit to the opposite wall. Continue around the room, measuring and fitting each piece and allowing for a 1/4" gap for expansion. Finish with molding or 1/2" quarter round molding.

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<u>CUTTING TIPS</u>
This procedure works best when using a non- retractable utility knife. When using a utility knife, be sure to keep the blades sharp to aid in the cut, and help reduce the possibility of injury due to dull blades.

1. Mark the mats you will need to cut with chalk or a chalk line.

2. Put your straight edge on the corresponding marks you have placed on the mats.

3. Holding the straight edge firmly in place, score the mats two or three times**

4. Grab the mat close to the score line, lift and bend the mat toward you. The score line will "break open".

5. Make several more passes with the knife, working down the established cut, until the cut is complete.

**This process may be made easier by cutting the mat on a raised surface such as the 2x4 wood block used during installation. Gravity will depress the cut.

<u>DISCLAIMER:</u>
Recycled rubber, as with any recycled product, can vary. Tolerances in thickness and width have been made as stringent as is possible, but some variance is to be expected. Rubber's nature is to expand and contract with changes in temperature and humidity.

These instructions have been prepared to assist purchasers of recycled rubber products in the recommended installation procedure. The installation guidelines represent a typical installation work procedure and the information contained herein is believed to be reliable. However, every site is different. Please contact a qualified and experienced flooring professional to assist with any particular installation procedure.

Greatmats.com
117 Industrial Ave
Milltown, WI 54858
V: 877-822-6622
F: 715-825-4928
info@greatmats.com
revised 4/2016