

Snap Trax & Snap Trax Plus Tile Installation Instructions

Important Information

Prior to the commencement of Installation, all materials **MUST** be inspected for Damage.

Any damage must be reported to Portico Systems, as soon as possible, so that replacement materials may be furnished without delay.

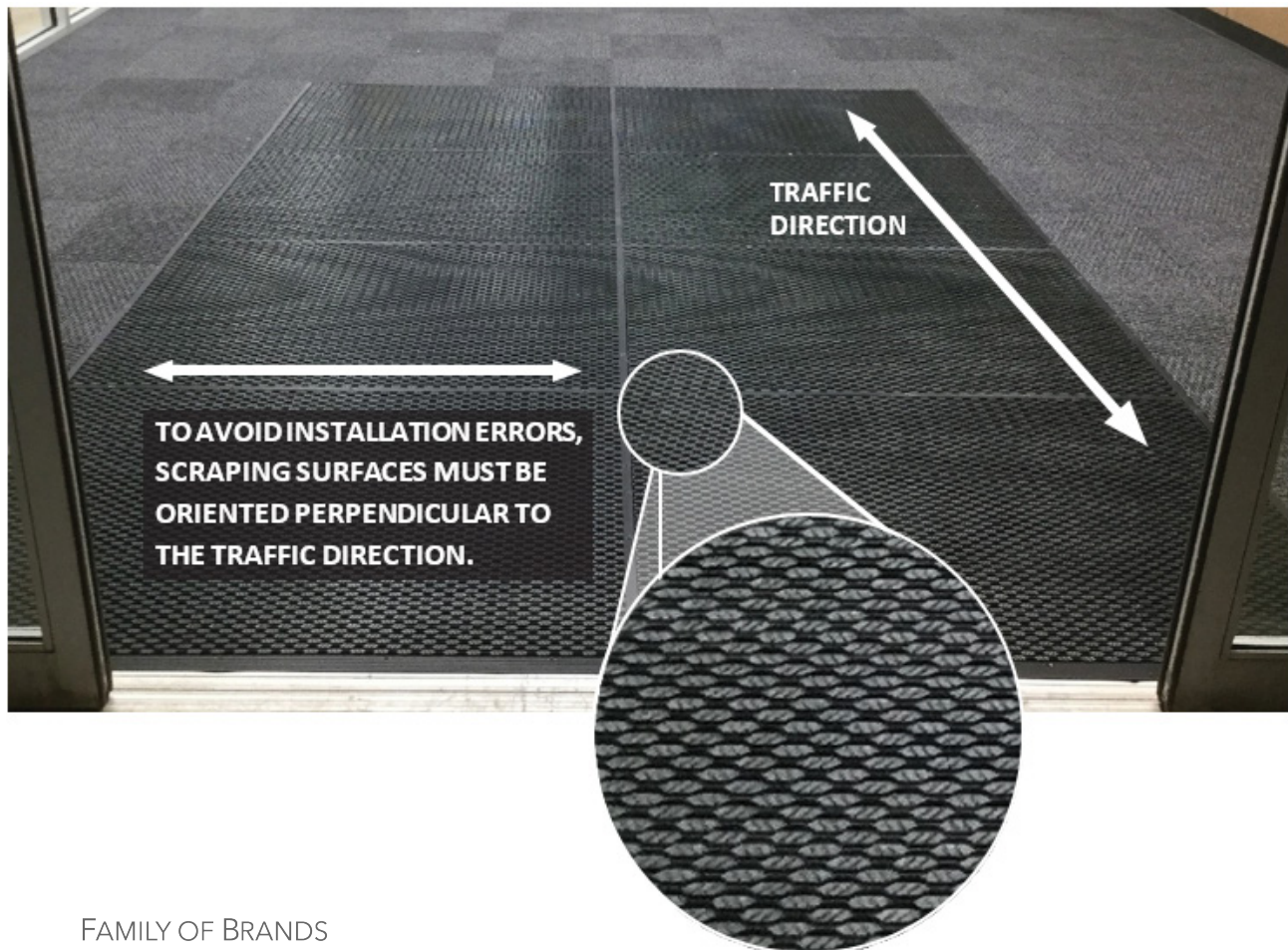
All work must be completed as per Architect's Approved "Shop Drawings", and in accordance with these Installation Instructions. When installation is complete, all materials must be protected from damage until after final inspection and acceptance.

All materials should be arranged in the order that they are to be installed. All hardware required for each portion of the work should be placed with the appropriate materials.

Please review all Approved Shop Drawings and this Document to familiarize yourself with all the details and components of this assembly.

Important:

Read through all instructions prior to starting installation.



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Tile Installation

Please see page 4 for framing options.

Full Box (20 Tiles per box [54.18 Sq. Ft.], Tiles are 19.69" x 19.69" ea. Insert Carpet is 18.70" x 1.38") of Snap Trax Tile and Snap Trax Tile Plus will cover 54.18 Sq. Ft.

Factory pre-assembled modules are available to speed the site installation time. Height of each tile/module is 0.47". The Snap Trax products are PVC/NBR materials (100% recyclable) available in black, dark gray or brown colors.

Inspect installation location to confirm:

1. Substrate is level and in good condition. (Repair if necessary)
2. Location is dry and free of debris. (Clean properly)
3. Center point of mat area. (Use diagonals from mat corners to establish).
4. The scraping surface of the mat runs perpendicular to the traffic direction (See page 1)

Step 1.

- A. Begin all assembly work in upper left corner of the mat area.
- B. Orient the tile/module with the hidden connecting pin edges placed along the left and top frame inside edges.
- C. The visible connecting pin lugs face to the right and downward.

Step 2.

- A. Piece the next assembly on the right.
- B. Use a water misting bottle to lubricate the visible lugs.
- C. Place hidden connection pins over the visible lugs and secure by using a rubber mallet to lock together.

Step 3.

- A. Repeat step 2B & 2C working left to right.

Step 4.

- A. Repeat Step 2B & 2C working downward.

Step 5.

- A. Repeat Step 2B & 2C working to the right and downward until the largest rectangle that will fit within frames is created.

Step 6.

- A. Center mat assembly within the frames.
- B. Attach the anchor clips using supplied masonry anchors to the pit at all four corners.
- C. Attach the anchor clips using supplied masonry anchors to the pit for any Snap Trax System that is 16-48 ft².
 - 16 ft² = 4 clips
 - 32 ft² = 6 clips
 - 48 ft² = 8 clips

Attention:

If end pieces are less than 3", add tile to assembly width, re-center and trim ends. This will ensure that the end pieces will be greater than 3".

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Step 7.

- A. Cut pieces of the tile equal distance from lug/pin to the aluminum frame. Make sure that the appropriate side of the tile is being cut. Male/female connectors must align.

Step 8.

- A. Repeat Step 2B & 2C and start installing the cut tiles.
- B. Cut pieces of the tile to fit into the corners' edges.

Step 9.

- A. Finish Snap Trax mat.

Attention:

Do not leave exposed female connectors at any time.

Portico Systems recommends using a U-Channel Frame to separate the Entrance Flooring into smaller, more manageable, sections no greater than 8 feet in length. This makes care and maintenance much easier, and faster to accomplish.

U-Channel Frame is pre-drilled and can be installed with metal sleeve anchors.

Please see (page 4) for detailed U-Channel Installation Instructions.



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U-Channel Frame Installation

U-Channel is intended to be used as a separator bar for sections of Snap Trax and Snap Trax Plus Tiles longer than 8'. Separating the entrance matting into smaller sections is a benefit for handling and maintenance purposes. Multiple lengths of U-Channel can be butted edge-to-edge for wide format matting.

Step 1.

- A. First, complete the assembly of the entire Snap Trax mat section to be butted against the U-Channel. Refer to layout drawings for recommended locations.

Step 2.

- A. Pre-drill concrete substrate using 5/32" masonry bit at locations corresponding to pre-drilled holes along frame.

Step 3.

- A. Cut frame to length using 80-100 tooth aluminum carbide blade.
- B. Frame can be drilled and counter sunk on site after cutting if required.

Step 4.

- A. To fasten, lay U-Channel frame along edge of Snap Trax or Snap Trax Plus Tile section, allowing 1/8" gap of clearance.
- B. Use a power drill to drive 3/16" x 3/4" Tapcon screws into the slab.

(Note: Drill hole in substrate to at least a depth of 1 1/4")



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Snap Trax and Snap Trax Plus Clip Installation

There are two sequences in which the clips can be installed in Snap Trax installations. Regardless of which sequence is used, the first thing that must be considered is how many clips per panel are needed and where they should be located. The number of clips needed is noted in the Snap Trax installation instructions.

Up to 16 Sq. Ft = 4 clips

16 – 32 Sq. Ft = 6 clips

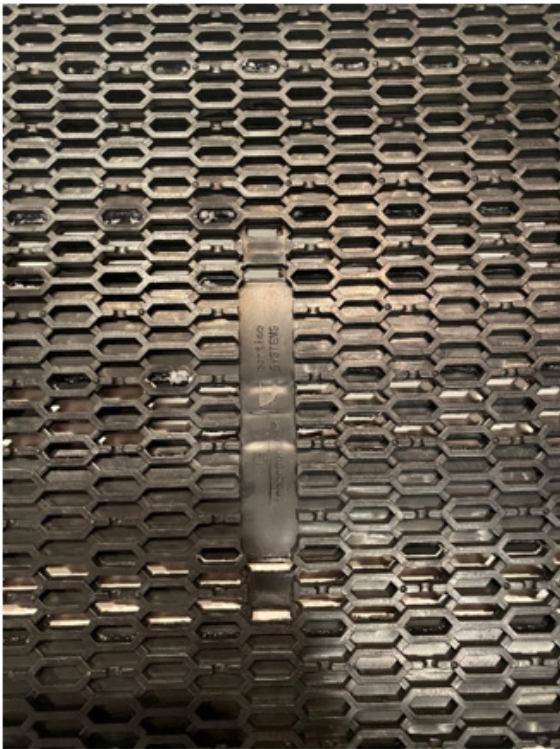
32 – 48 Sq. Ft = 8 clips

48 – 64 Sq. Ft = 10 – 11 clips

Note that any grid installation of greater than 5 tiles x 5 tiles (approx. 64 Sq. Ft) should be broken up into smaller segments using ULP or TLP dividers, and each “panel” should receive the recommended number of clips.

Install clips in each corner of a “panel” as a minimum and disperse additional clips through the remainder of the panel, generally working every other tile.

The clips fit into the rectangular recess in the back of the Snap Trax tiles:



Clip Recess



Clip In Recess

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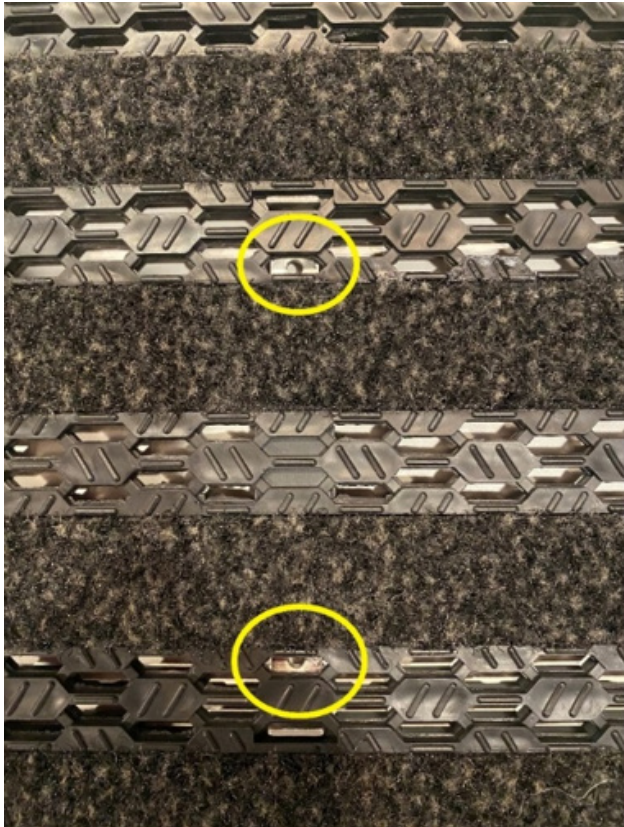
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Smaller panels can be fully assembled and trimmed to fit prior to clip installation. Once assembled and trimmed:

1. Press clips into recesses of desired tiles
2. Lay panel into place in frames
3. Mark location of anchor holes through tiles (see picture below)
4. Remove panel and clips from panel
5. Drill anchor holes and install provided anchors in slab
6. Secure clips to slab with provided screws
7. Lay panel back into place, pressing clips into recesses and making sure panel edges are under the lips of the edge frames

Larger panels are harder to handle in one piece and it is often easier to determine the cuts needed for the perimeter tiles and install the tiles and clips individually as you go.



Clip Install Steps

1. Clip anchor holes visible through Snap Trax tiles.
2. Drill small pilot hole with tile in place.
3. Note, the product pictured is Snap Trax Plus with carpet strips.
4. Mounting holes for clips will be similarly visible with standard Snap Trax tiles.

For more information or if you have any questions please contact Mike Moore – mmoore@porticosystems.com

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