Tac-Tile Installation Instructions

These installation recommendations consist of common-sense practices for direct-glue tile products. Installers should rely upon their own professional experience and understanding of their unique requirements to be the best guide to a successful installation. Normal variations in the thickness of the felt and acoustic substrate in addition to wall surface variation will result in tiles that are at different distances off the wall surface and may result in alignment issues with adjacent tiles. These issues are not considered a defect and planning should be taken to distribute these variations in a manner that is aesthetically pleasing.
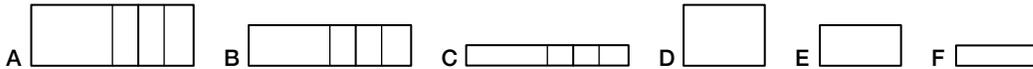
Tools Needed

1   Bar level or laser level

2   Heavy-duty construction adhesive (such as Liquid Nails LN-903 or Powergrab)

3   Standard caulking gun

4   Utility knife and blades

5   Carpenter's square

It is recommended that you have access to warm soapy water in the event of getting adhesive on the front of the tile. Cleaning instructions are included at the end of the installation process.
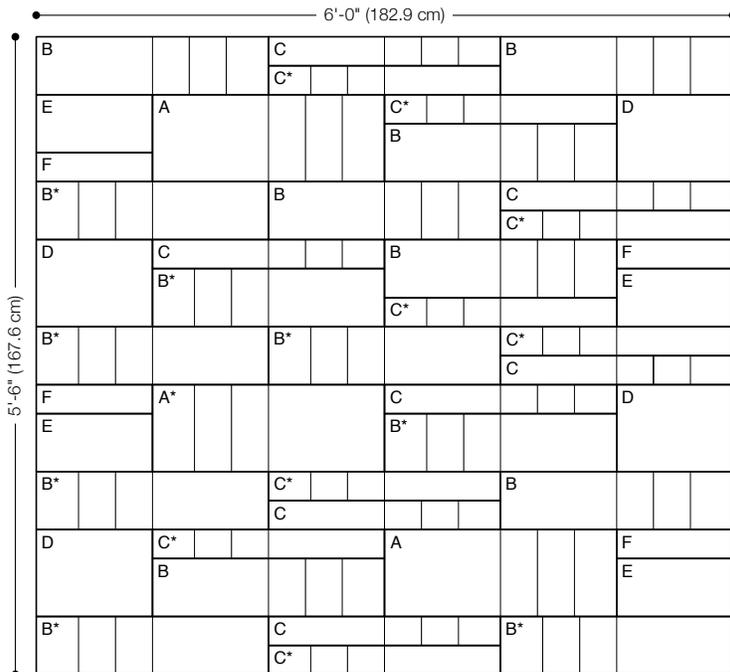
Components Provided

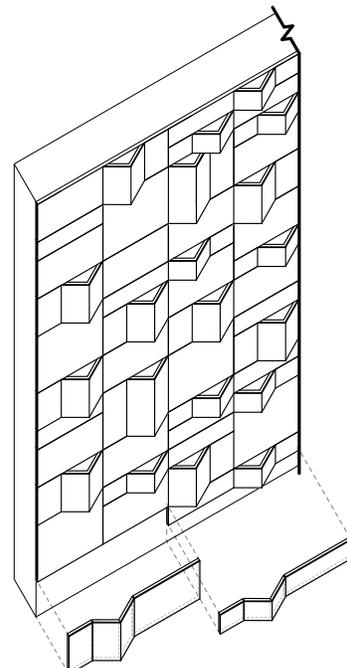Pattern Elements (as ordered):

A   B   C   D   E   F

Standard Pattern

Tac-Tile is installed in one standard pattern repeat shown below unless otherwise specified. Pattern Elements A, B + C are designed with an asymmetric triangular peak which reveals the wall behind. These pattern elements will be rotated as part the standard pattern to orient the peak on either the right or left side of the tile. An asterisk (*) on the Standard Pattern diagram below indicates a rotated module. These peaks should always be offset from each other. Care should be taken to ensure the pattern repeat is maintained to prevent exact alignment of these peaks between rows.

Standard Pattern Elevation
Asterisk (*) indicates rotated module

Partial Exploded Axonometric

filzfelt

Installation Instructions

1 Inspect the material. Subtle color and texture variations even within the same tile are a normal aspect of this product. It is advisable to inspect for these irregularities and plan the layout accordingly making sure to evenly disperse any minor color variation. In the case of product defect or damage in transit, FilzFelt must be notified within five business days. Please note that FilzFelt cannot accept a return or warranty claim on any material that has been installed.

2 Allow Tac-Tile pattern elements (tiles) to acclimate to the installation environment. After the shipping crates have been opened, the tiles should be laid out individually on the floor for at least 48 hours. Variations in temperature and humidity may affect the size and tiles may be trimmed with a carpenter's square and utility knife to correct any irregularity or discrepancy between tiles.

3 While the tiles are becoming acclimatized, clean the work surface. It should be smooth, dry and dust free to allow the best possible adhesion. A Level 5 Finish wall preparation is necessary due to the triangular peaks, which reveal the wall behind.

4 Use the bar level or laser level to determine a base level line for your first horizontal course. This line will set the level for the entire installation so it is most important to get this right. Consider whether you will be scribing to the ceiling or floor or both BEFORE setting this level line.

5 Tiles are applied according to the Standard Pattern (shown on page 1) unless otherwise specified. Pattern elements A, B + C are designed with an asymmetric triangular peak which reveals the wall behind. These will be rotated 180º as part the standard pattern to orient the peak on either the right or left side. These peaks should never directly align with the row above or below. The Standard Pattern repeat is designed to prevent direct alignment of these peaks between adjacent rows. An asterisk (*) on the Standard Pattern diagram indicates a rotated module.

6 Glue placement is critical to avoid any visible glue at the reveals. Only apply glue to flat sections of the tiles A. B + C, and never to the inside of the triangular peak. Using a standard caulking gun, apply a thick bead of adhesive around the perimeters of the tile sections about 1/2" to 1" (1.3 to 2.5 cm) from the edge. (See Diagram 1). Pattern elements D, E + F are flat tiles and glue will be applied to the perimeter of the tile using the same technique.

7 Apply the first four tiles in sequence edge-to-edge making sure that the edges are properly butted up against one another and all are perfectly level. Using clean fingers, press against the tile to insure best adhesion, taking care not to smear any adhesive on the wall which will remain visible. Check again for level.

7 Repeat the above steps until the first course is completed. Use a carpenter's square and sharp utility knife to cut any custom sizes needed to finish the row.

8 Allow the first row to set up (approximately 20 minutes) before installing the row above as the tiles may slip.

9 Move up to the next row and follow the above procedure, making sure that the tiles are butted firmly against one another. Continue checking level throughout installation, and that peaks are not directly aligned between adjacent rows. Repeat until complete.

Cleaning Instructions

Like any natural fiber, a minimal approach should always be taken to clean wool felt since the cleaning method could potentially do more damage than the stain. In this order, the cleaning approach should be: dusting with a roller, vacuuming with a clean soft brush, water and mild detergent, chemical spot remover. If a chemical spot remover is required, test first in an inconspicuous area.

Where wool felt is used as a wall and ceiling application, periodic spot removal of lint can be achieved easily by using a standard masking tape lint roller. It is always a good idea to use the lint roller first in any area intended to be spot cleaned. Once per year, it is recommend that the entire surface be given a light vacuum with a soft horsehair upholstery brush. In a clean office environment, it may not be necessary to do this annually.

For removal of minor stains, a mild enzyme-based detergent (such as Tide Free) is recommended. Create a dilute solution by adding three parts water to one part detergent in a clean container. Use a clean paper towel to gently blot the detergent into the stain. Press and release, press and release. Using a separate container of just clear water, use clean moist paper towels to blot more water into the stain. Press and release, press and release. Finish by blotting firmly with clean, dry paper towels until the area is nearly dry.

There are many solvent-based spot removers available. Although they are not recommended except in the case of emergency, the best choices for wool felt are dry cleaning fluids. Be sure to test in an inconspicuous area first. Blot the stained area with a clean cloth soaked in dry cleaning fluid, then blot with clean cloth until dry.