

# Crossover Installation Instructions

## Horizontal Orientation

These installation recommendations consist of common-sense practices for installing wall panels and similar products. Installers should rely upon their own professional experience and understanding of their unique requirements to be the best guide to a successful installation.

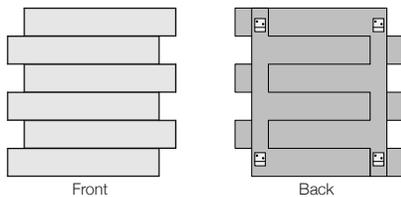
### Tools Needed

- 1 Bar level or laser level
- 2 Chalk line
- 3 Tape measure
- 4 Drill
- 5 Wall screw appropriate for wall type (not included)
- 6 Heavy-duty construction adhesive (such as Liquid Nails LN-903, LN-FRP, and Loctite Express)
- 7 Standard caulking gun or 1/8" v-notch trowel
- 4 Utility knife or table saw and blades
- 8 Carpenter's square
- 9 Weighted roller

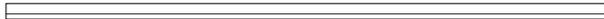
It is recommended that you have access to warm soapy water in the event of getting adhesive on the front of the tile. Any adhesive must be removed with warm soapy water before the adhesive has dried.

### Components Provided

Crossover modules with Panel Z-Clips attached to back (size shown is diagrammatic)



Wall Z-Clips in 6 ft (1.8 m) lengths (must be cut to size)

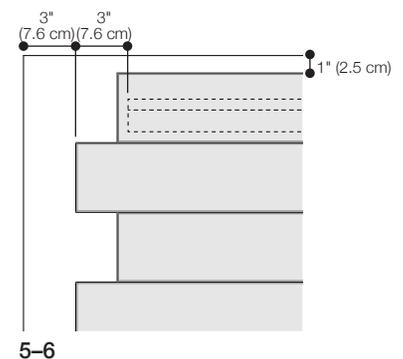


Extension Panels (as ordered)

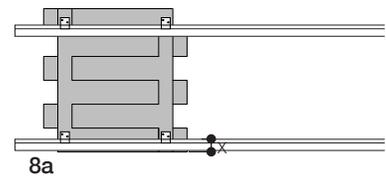


### Installation Instructions

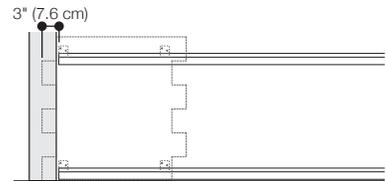
- 1 Handle the panels individually and with clean hands to reduce the possibility of damage during installation.
- 2 Inspect the panels. In the case of product defect or damage in transit, FilzFelt must be notified within five business days. Please note that FilzFelt cannot accept a return or warranty claim on any material that has been installed.
- 3 Allow components to acclimate to the installation environment. After the shipping crates have been opened, the panels should be laid out individually on the floor for at least 48 hours.
- 4 While the panels are becoming acclimatized, clean the work surface. It should be smooth, dry, and dust free to allow the best possible installation. A Level 4 Finish wall preparation is sufficient.
- 5 Wall Z-Clips will be provided in 6 ft (1.8 m) sections. Cut Wall Z-Clips to length as needed to fit the installation width.  
**Note:** Z-Clips must always be held back 3 in (7.6 cm) from the edge of the installed Crossover array to hide the Z-Clips.
- 6 The Z-Clip hanging method is much like hanging a picture on the wall. The clips allow the panels to be easily lifted off or set on the wall.  
**Note:** 1 in (2.5 cm) of clearance from the ceiling to the height of the installed Crossover panel is required to lift into place. 3 in (7.6 cm) clearance from the edge of the panel to an wall edge is required to slide the last panel in a row into place.



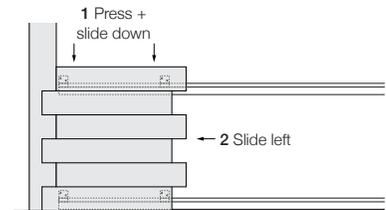
- 7 If this order includes left edge or bottom edge Extension Panel(s), install panel(s) at this time. Extension Panels are provided as ordered and may be scribed to the wall or floor and trimmed on-site as needed. Extension Panels may be cut with a carpenter's square and sharp utility knife or fine tooth blade (80 plus tooth) and table saw. Change blades often as wool felt requires a sharp blade to cut and will quickly dull the blade. To permanently apply this material to the wall, we recommend a heavy-duty construction adhesive (such as Liquid Nails).
- 8 Start installation at the bottom left of the wall. While Crossover panel is on the floor with the back side of panel facing up, lay the Wall Z-Clips into the Panel Z-Clips. Determine the location of Wall Z-Clips by first placing the Wall Z-Clip into the Panel Z-Clip. Measure from the base of the Crossover panel to the bottom edge of the Wall Z-Clip (8a). Transfer this measurement to the wall, measuring from the finished floor or overall level line. Please note, Z-Clips must always be held back 3 in (7.6 cm) from left and right edges of the installed Crossover array to hide the Z-Clips (8b).
- 9 Set laser level or snap chalk lines on wall at measured heights and ensure they are level.
- 10 Attach Wall Z-Clips with appropriate wall screws (not included) to wall with bottom aligned to laser level or chalk lines. Please note that it is recommended to screw into studs, blocking, or use appropriate anchors. If panels are not sliding easily along Wall Z-Clips during installation, loosen by backing the screw off half a rotation.
- 11 Starting with the bottom left Crossover panel, place panel on wall at least 3/4" (1.9 cm) higher than desired height and press firmly against wall. Slide panel down to engage Z-Clips. Check to be sure all Z-Clips are engaged and panel is correctly placed on the wall. If this order includes left edge Extension Panel, press Crossover panel to the left until it sits flush with trim.
- 12 To install next panel, hold panel about 3" (7.6 cm) to the right of the existing panel. Slide panel down to engage Z-Clips. Check to be sure all Z-Clips are engaged (12a). Press Crossover panels together until they overlap tightly (12b). Ensure panels are flush. Continue placing panels on the Z-Clips and sliding them together to complete the row.
- 13 If this order includes right edge Extension Panel(s), measure and scribe the panel to meet site conditions. Install as described in step 7.
- 14 Moving up the wall, repeat steps 8-12 until the top row.
- 15 To install the last row, install the Wall Z-Clips using Steps 8-10. If this order includes top edge Extension Panel(s), measure and scribe the panel to meet site conditions. Install as described in step 7.
- 16 Install the Crossover panels on the top row using steps 10-12 to complete the installation.



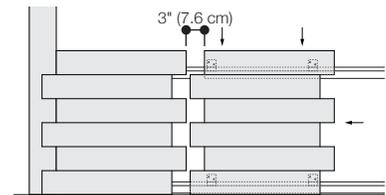
8a



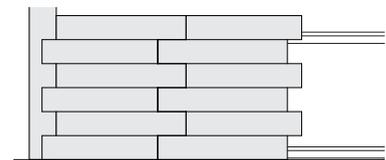
8b



11



12a



12b

## 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. The cleaning approach should be (1) dust with a lint roller, (2) vacuum with a clean, soft brush, (3) clean with water and mild detergent, (4) clean with chemical spot remover. **Always test any cleaning method first in an inconspicuous area.**

Wool has a low degree of dry soil pick-up compared with other fibers. However, to remove the accumulation of general airborne debris, wool felt may be cleaned with 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 recommended that the entire surface is given a light vacuum with a clean, soft horsehair upholstery brush. In a clean office environment, it may not be necessary to do this annually. Please note that slight shedding of wool fibers is normal and not indicative of any defect. These loosened fibers are easily vacuumed away and will decrease over time.

If a wet spill should occur, blot up the liquid as soon as possible with a dry cloth to avoid absorption. Avoid aggressive rubbing as this can continue the felting process and change the surface appearance of the felt. For removal of minor stains, if the felt can be removed it is best to obtain the services of a professional dry cleaning company that is familiar with the special care of wool. If not possible, 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 a clean cloth until dry.

# Crossover Installation Instructions

## Vertical Orientation

These installation recommendations consist of common-sense practices for installing wall panels and similar products. Installers should rely upon their own professional experience and understanding of their unique requirements to be the best guide to a successful installation.

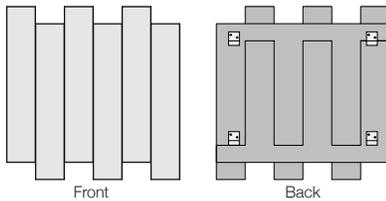
### Tools Needed

- 1 Bar level or laser level
- 2 Chalk line
- 3 Tape measure
- 4 Drill
- 5 Wall screw appropriate for wall type (not included)
- 6 Heavy-duty construction adhesive (such as Liquid Nails LN-903, LN-FRP, and Loctite Express)
- 7 Standard caulking gun or 1/8" v-notch trowel
- 4 Utility knife or table saw and blades
- 8 Carpenter's square
- 9 Weighted roller

It is recommended that you have access to warm soapy water in the event of getting adhesive on the front of the tile. Any adhesive must be removed with warm soapy water before the adhesive has dried.

### Components Provided

Crossover modules with Panel Z-Clips attached to back (size shown is diagrammatic)



Wall Z-Clips in 6 ft (1.8 m) lengths (must be cut to size)

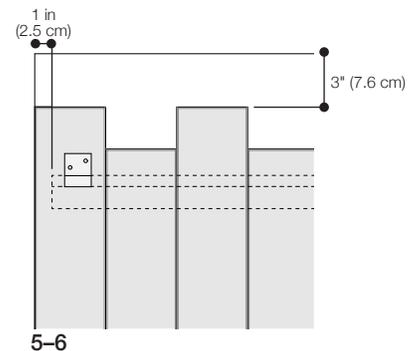


End-Of-Run Trim (as ordered)

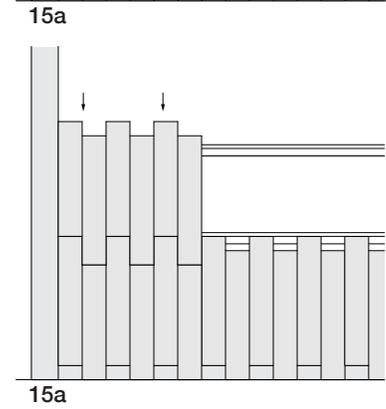
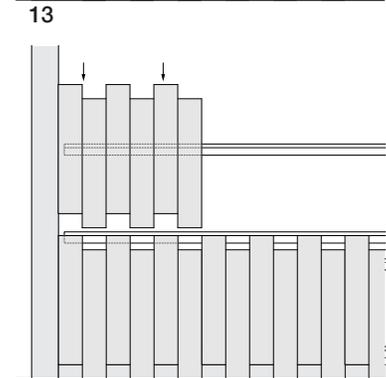
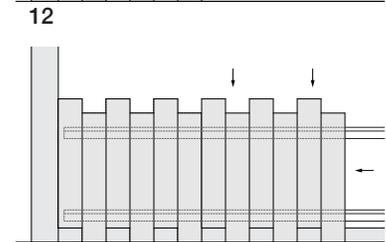
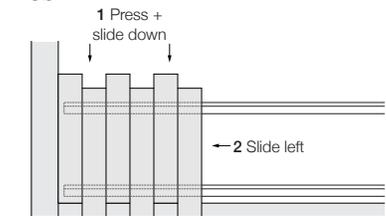
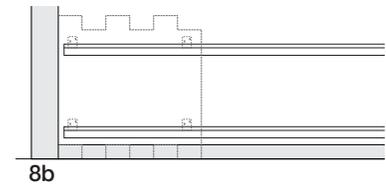
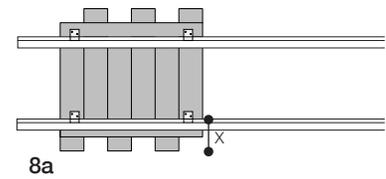


### Installation Instructions

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- 2 Inspect the panels. 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.
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- 5 Wall Z-Clips will be provided in 6 ft (1.8 m) sections. Cut Wall Z-Clips to length as needed to fit the installation width.  
**Note:** Z-Clips must always be held back 1 in (2.5 cm) from the edge of the installed Crossover array to hide the Z-Clips.
- 6 The Z-Clip hanging method is much like hanging a picture on the wall. The clips allow the panels to be easily lifted off or set on the wall.  
**Note:** 3 in (7.6 cm) of clearance from the ceiling to the height of the installed Crossover panel is required to lift into place.



- 7 If this order includes left edge or bottom edge Extension Panel(s), install panel(s) at this time. Extension Panels are provided as ordered and may be scribed to the wall or floor and trimmed on-site as needed. Extension Panels may be cut with a carpenter's square and sharp utility knife or fine tooth blade (80 plus tooth) and table saw. Change blades often as wool felt requires a sharp blade to cut and will quickly dull the blade. To permanently apply this material to the wall, we recommend a heavy-duty construction adhesive (such as Liquid Nails).
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- 9 Set laser level or snap chalk lines on wall at measured heights and ensure they are level.
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- 11 If this order includes right edge Extension Panel(s) (as ordered), measure and scribe the panel to meet site conditions. Install as described in step 7.
- 12 Starting with the bottom left Crossover panel, place panel on wall at least 3/4" (1.9 cm) higher than desired height and press firmly against wall. Slide panel down to engage Z-Clips. Check to be sure all Z-Clips are engaged. Slide left until back of Crossover panel is flush with Extension Panel and cannot move further.
- 13 To install next panel, first repeat above steps to set the panel onto the Z-Clip. Then slide the panel firmly to the left. Press Crossover panels together and ensure panels are flush. Continue installing panels to complete the row.
- 14 If this order includes right edge Extension Panel(s), measure and scribe the panel(s) to meet site conditions. Install as described in step 7.
- 15 To install the next row, place panel on wall at least 3" (7.6 cm) higher than installed row below. Align the panels (15a). Press firmly against wall. Slide panel down firmly to interlock the two panels and engage Z-Clips. Ensure panels are flush (15b). Continue interlocking panels in this method until the row is complete.
- 16 Moving up the wall, repeat steps 8–15 until the top row.
- 17 To install the final row, install the Wall Z-Clips using steps 8–10. If this order includes top edge Extension Panel(s), measure and scribe the panel to meet site conditions. Install as described in step 7.
- 18 Install the Crossover panels on the top row using step 15 to complete the installation.



## Cleaning Instructions

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