

ARO Shingle 4 Installation Instructions

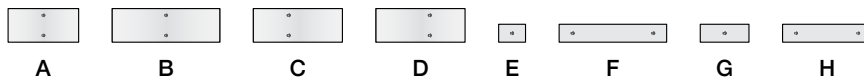
These installation recommendations consist of common-sense practices for installing wall panels and similar products. Installers should rely upon their own professional experience and understanding of their unique requirements to be the best guide to a successful installation.

Tools Needed

Bar level or laser level
Chalk line
Tape Measure
Drill
Wall screws appropriate for wall type (not included)
Utility knife or oscillating multi-tool with a fine tooth blade (80 plus tooth)
Carpenter's square
Stiff putty knife

Components Provided

Panels with Interlock male mounts (as ordered)



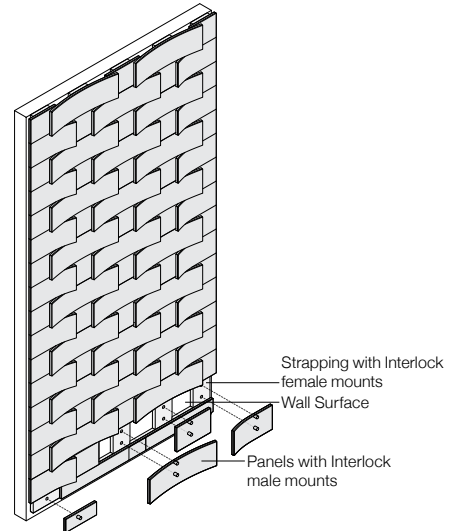
Strapping with Interlock female mounts

Corner Trim Panels with Interlock male mounts (as ordered)

Strapping Map + Panel Map

Installation Instructions

- 1 Handle the panels keeping the felt faces together and the substrate faces together 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 (5) business days. 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 forty-eight (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 The Strapping and Panels provided have designations carved into them that indicate the placements shown on the Strapping Map + Panel Map. Review the Maps and organize the Strapping and Panels accordingly before installing.
- 6 Using wall screws appropriate for the wall type (not included), secure the Strapping with Interlock female mounts to the wall as indicated on the Strapping Map. **IMPORTANT:** Make sure that Strapping sheets are plumb and level as the installation progresses.
- 7 Use the Panel Map as a guide and install all A (flat) Panels and Corner Trim Panels. Align the corresponding male Interlock mounts to the female Interlock mounts and press into place until they snap in.
- 8 To detach a Panel, slide a stiff putty knife behind the Panel at the Interlock mount and gently pry and pull the Panel away from the Strapping until the Interlock mount pops off.
- 9 Starting in the lower left, install the B (curved) Panels going from bottom-to-top.



- 10 Continue column-by-column going left-to-right, each time starting at the bottom and working upward in that column until all Panels are installed, as per the Panel Map.
- 11 If specified, cut-outs for outlets, switches, televisions, and other items may be field-cut into flat areas of the ARO Shingle panels. For guidance on suitable cut-out placement, refer to the ARO Shingle 4 Cut-Out Placement document. Use a carpenter's square and sharp utility knife or an oscillating multi-tool with a fine tooth blade (80 plus tooth) to cut outlet cut-outs needed to finish the installation. Devices may then be either wall-mounted or panel-mounted as specified by the client. All cutting and finishing of the cut-outs and installation of electrical devices are the responsibility of the purchaser.

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. 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 familiar with wool's special care. 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 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.