

# Retrofit Roof System Installation Instructions

## STEP A

### EVRLINER FP BANDING INSTALLATION

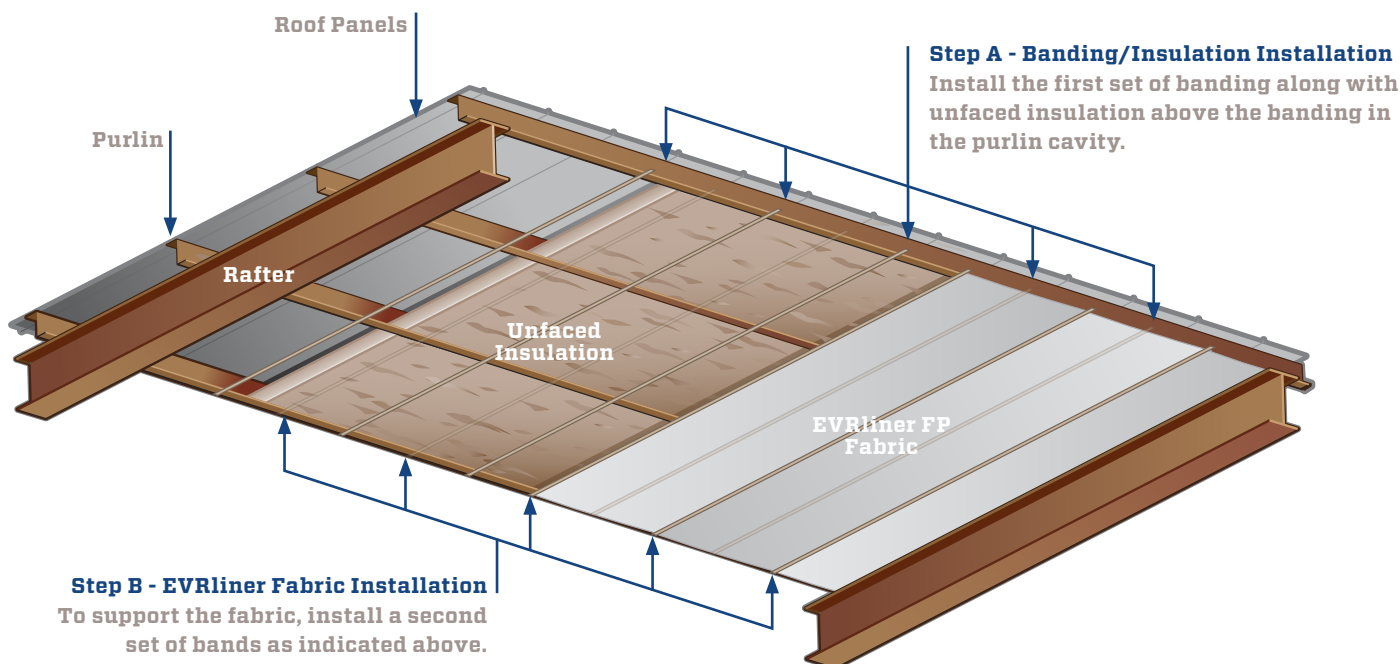
1. First, install a set of cross bands to support the cavity fill layer of unfaced fiberglass insulation. Fasten the 1" white steel banding using the 3/4" metal tek screws with the washers spaced on 60" centers. In step 3, it will be required to install another set of cross bands centered between the first set of bands in order to support the fabric.
2. Install unfaced insulation parallel to the purlins above the perpendicular bands in step 1 within the purlin cavity.
3. Install the second set of cross bands evenly on 60" centers between the first set of bands from step 1. Additionally, install a band within 6" of the rafters in that bay. Begin by fastening the banding to the eave strut and pull the bands hand tight to the far ridge purlin. If installing on a double slope building, continue to pull the banding to the opposite eave strut. Do not fasten to purlins. In the case of a single slope building, install the bands from the low eave to the high eave strut.

## STEP B

### EVRLINER FP FABRIC INSTALLATION

1. In single slope applications, unfold the fabric and center above the second set of cross banding. Do so just below the high wall eave strut with the finished side (typically white) facing the interior of the structure. Next, pull one edge of the fabric down the slope to the eave strut and temporarily clamp it to the eave strut. After squaring and smoothing the fabric, remove the fasteners from the eave strut, apply brush adhesive or optional two-sided tape, and reinstall the banding through the fabric. To continue, move from the eave strut to the high wall eave strut, even and straighten the fabric, pull the banding tight, and fasten to the bottom of each intersected purlin.
2. In double slope applications, use the same method unfolding the fabric from just below the ridge to the eave strut and back to the ridge. When nearing the ridge, temporarily install fasteners through the banding into the first purlin past the ridge. Pull the remaining fabric beyond the ridge purlins to complete installation on the first slope. In double slope applications, repeat Step B1 and continue working down the second slope. Seal the fabric to the top of the rafters and the bottom of the eave struts with the provided brush adhesive or optional two-sided tape.

**IMPORTANT:** A thermal break should be installed between the purlins and roof sheet. If one does not exist, installer may choose to install one on the bottom purlin flange, which is not included in the system price. Contact a DI representative for assistance. Banding installed parallel to the purlins is not required.



## Framed Opening/Skylight Application

Roof mounted products require openings in liner systems that can affect the sealing of the vapor retarder. Steps must be taken with skylights, HVAC equipment, and other mounted items to conceal the insulation and provide a tight fabric seal.

1. Skylight/rooftop mounted applications require cross members be installed from purlin to purlin, roughly equal to the height of the purlins, and fixed flush with the bottom of the purlin flange. Cross members can be steel or wood and are not provided by DI. For a proper fit, cross members may require notching where the bottom flange of the purlin turns upward.
2. Affix the EVRliner FP fabric to the bottom of the purlins and the new cross members with the supplied adhesive and trim the excess fabric.
3. When fabricating the cross member, be mindful to ensure a tight fit to the purlin. Caulk openings as necessary for condensation control.
4. For a finished appearance, paint the inside of the purlins and cross members to match the fabric color.

