

Purlin Wrap Roof Install Instructions

FOR NEW CONSTRUCTION

Read the entire instructions before you begin.

STEP 1 — Identifying your rolls

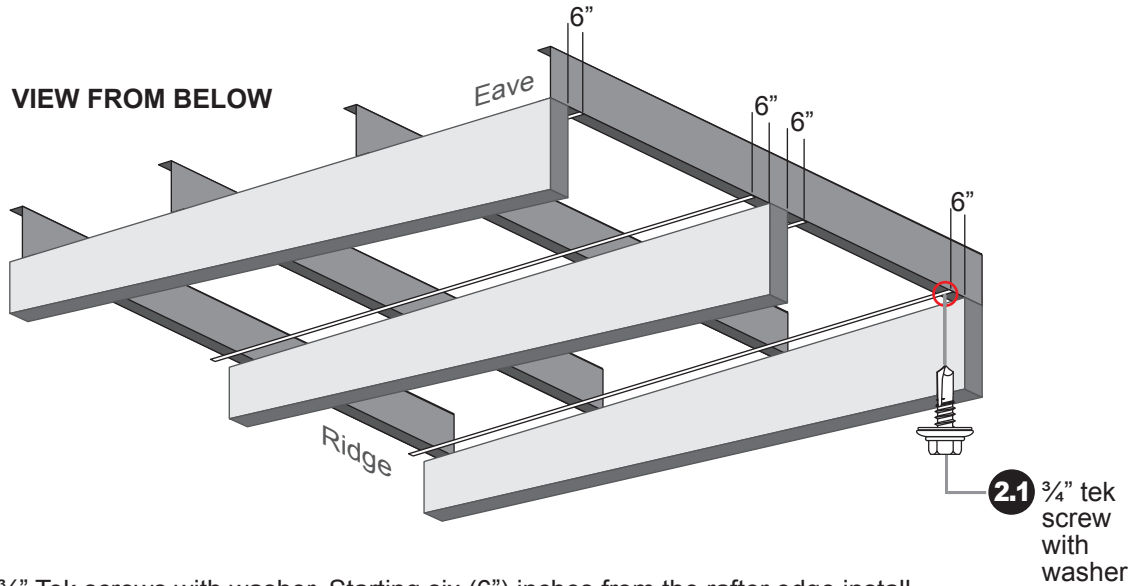
BEFORE BEGINNING READ THE CUTLIST THOROUGHLY THIS WILL GIVE IMPORTANT INFORMATION NEEDED FOR PROPER INSTALLATION.

Verify that the material provided agrees with the cutlist. If there are any discrepancies NOTIFY SILVERCOTE IMMEDIATELY. When installing insulation inspect rolls for any defects. If defects are detected NOTIFY SILVERCOTE IMMEDIATELY BEFORE INSTALLING. Compare cutlist with metal building erection drawings for proper roll placement.

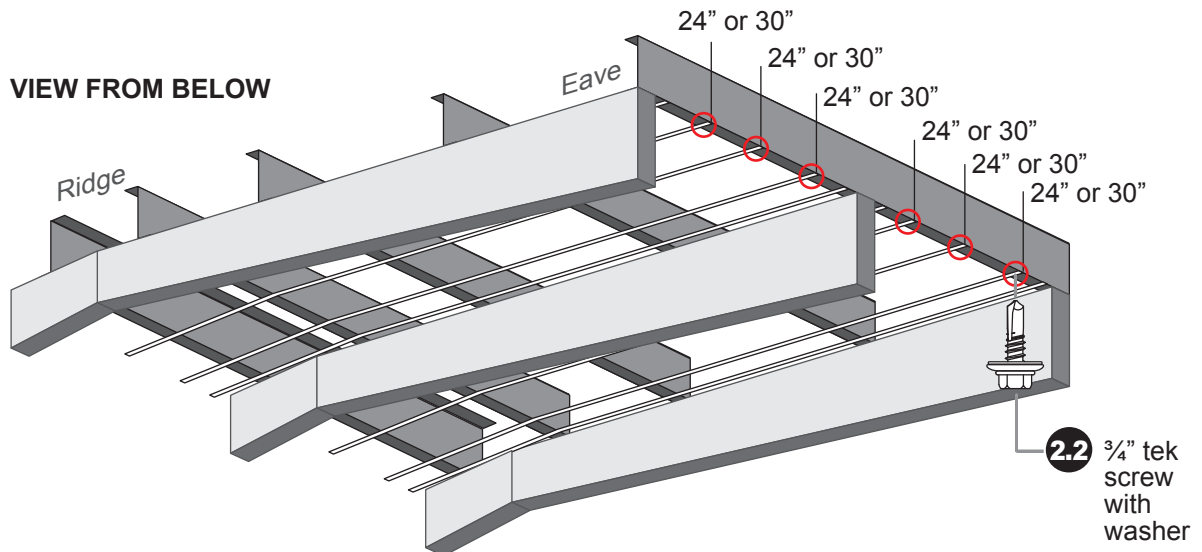
PURLIN BRACING INTERFERENCE

In some instances purlin bracing may be present which will make the installation of laminated systems installed from the top very difficult. If purlin bracing is present in the cavity please consult your Silvercote representative for options. Do not cut facing to accomodate bracing.

STEP 2 — Installing Banding

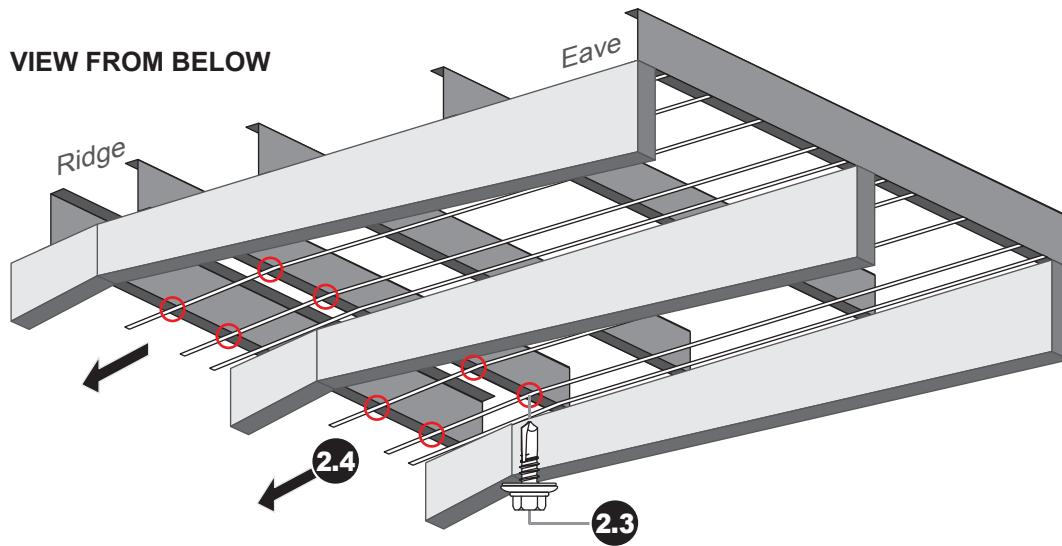


2.1 Using $\frac{3}{4}$ " Tek screws with washer, Starting six (6") inches from the rafter edge install a series of perpendicular (cross) bands to the bottom flange of the eave strut.



2.2 Attach additional banding to bottom flange of the eave strut every 24" for R-values greater than R-35 or 30" for R-values less than R-35, using a single $\frac{3}{4}$ " tek screw with washer.

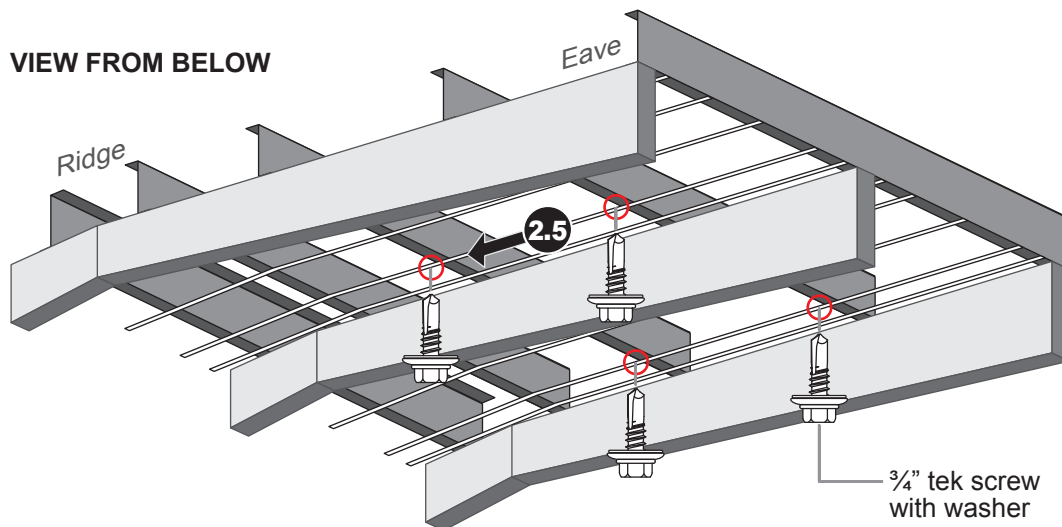
STEP 2 (continued) — Installing Banding



2.3 Pull banding as tight as possible making sure to remove twists, move up to the ridge purlins and install a $\frac{3}{4}$ " metal tek screw on each ridge purlin.

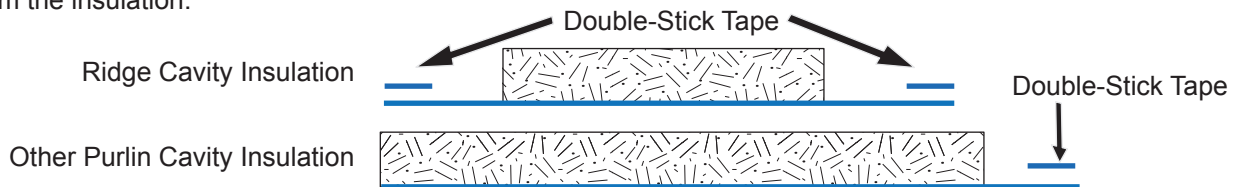
2.4 Attach banding to bottom flange of the eave strut on the opposite eave strut, using a single $\frac{3}{4}$ " metal tek screw with washer.

2.5 Using $\frac{3}{4}$ " metal tek screws attach banding to bottom flange of the remaining purlins.

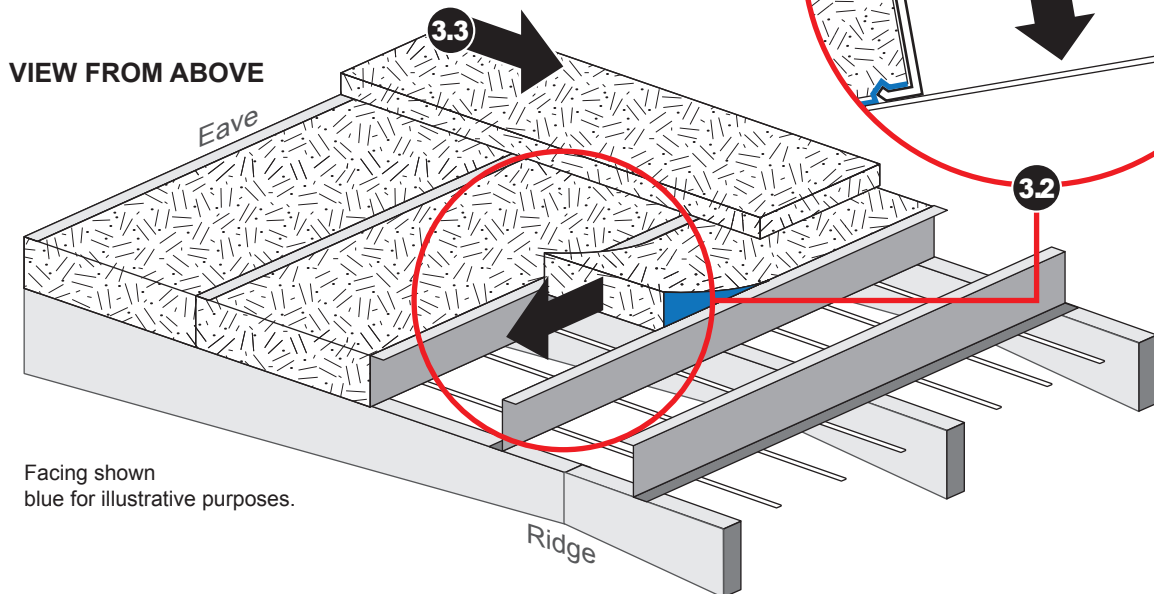


STEP 3 — Installing Insulation

NOTE: Tab sizes will vary depending on the width of the purlin cavity. Tabs can be as small as 6" with standard width of cavities, but may be greater for narrower widths. Double Stick tape can be field applied or pre-applied to the tabs at the lamination facility. In either case, tape should be located between 5" and 7" from the insulation.



- 3.1** Apply double stick tape to bottoms of both eave struts and endwall angle if provided. Do not remove backing.
- 3.2** Begin installing the appropriate width of insulation for each purlin space. The facing tab can remain in the cavity between the purlins. This will be used later. (See 5.3 for direction of insulation.)
- 3.3** Install the top layer perpendicular to the purlins and continue to install roofing per the manufacturer's instructions.



4. Metal Building Roofing Installation

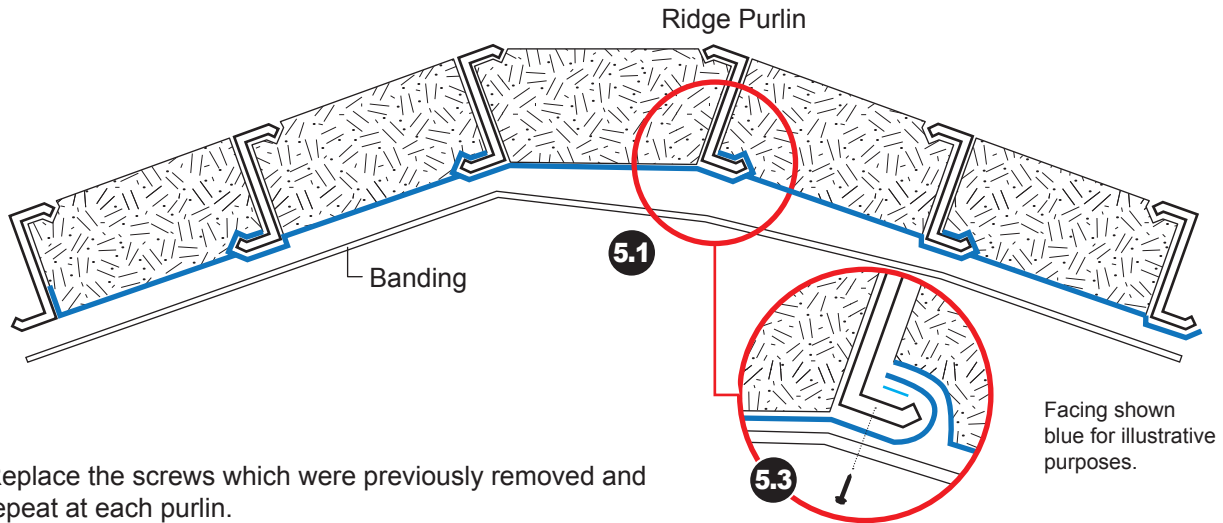
- 4.1** Install roof steel and accessories per metal building manufacturer's recommendations.

STEP 5 — Completing Facing Tab Application, THIS CAN BE DONE ANYTIME AFTER ROOF PANELS ARE INSTALLED

NOTE: The following steps should be performed one bay and one purlin space at a time. Beginning at the ridge work each slope toward the eave.

5.1 Working along a purlin, remove one screw and pull the tab out from along the purlin.

5.2 Remove paper from the seal tab. Pull and stretch the tab under the purlin flange and wrap it around tucking it tightly above the purlin flange pressing firmly to make a secure seal. (Tab can be wrapped first, and the paper pulled out with tab in place.)

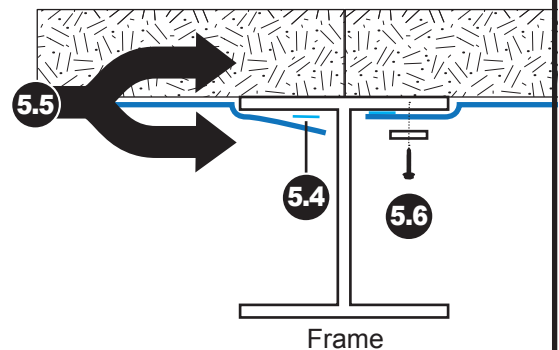


5.3 Replace the screws which were previously removed and repeat at each purlin.

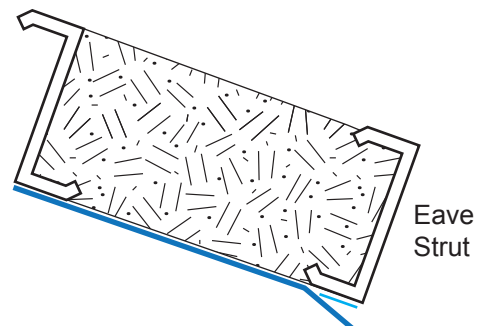
5.4 When terminating at the frame apply double stick tape to the bottom of the frame flange.

5.5 Separate the fiberglass from the facing. Apply the facing to the bottom of the frame flange to the double stick tape with the fiberglass going above the frame flange.

5.6 Apply banding to mechanically attach the vapor retarder to the bottom of the flange using $\frac{3}{4}$ " tek screws with washers. If necessary, trim facing along banding for neat appearance.



5.6 Follow the same procedure as **5.5** at the Eave Struts making sure the eave strut cavity is completely filled with insulation



STEP 6 — Ridge Insulation

There may be a separate assembly used to attach the ridge cap. This may create a separate air space which could lead to condensation. Make sure to completely fill this space with insulation. Consult your cutlist to see if a roll was ordered.

