

Roof Insulation Instructions (Long Tabs)

This method of roof insulation installation applies only for one half of the building or from the eave to the ridge.

Step 1: Inventory insulation with the Jobsite Copy of the Order Acknowledgement.

Step 2: Install a series of 1 inch steel bands at 30 inches on center perpendicular to the purlins from one side of the building to the other side starting at the gable and working your way towards the first rafter. The steel bands are fastened to the underside of the purlins with white self tapping screws. (Ceiling liner panels can be installed in lieu of the 1 inch steel bands). [See Figure 1](#)

Step 3: Position the rolls of insulation faced with the white fabric in between the purling at the end wall or gable. The insulation is factory precut to the width in between the purlins and the length of each bay. Refer to the steel building cross sections to determine which roll of insulation goes where. [See Figure 2](#)

Step 4: Starting at the eave, tuck in insulation until it's well compressed up against the wall sheeting at the gable and roll about five to six feet of insulation for each roll. Repeat this step until you reach the ridge.

Step 5: Remove about one foot of the self adhesive seals from the tabs of the insulation fabric and stick on to the top of the purlins.

Step 6: Roll the remaining insulation in between the purlins until you reach the first rafter. [See Figure 3](#)

Step 7: As insulation is being rolled, make sure to stretch and tug the insulation fabric in order to be flush with the bottom of the purlins. This can be accomplished by working on the inside of the building with a couple of men in a scissor lift or man lift. [See Figure 3 & 7](#)

Step 8: When you reach the rafter, cut and remove the fabric to the leading edge of the rafter and cut and remove the fiber in the middle of the rafter. This will allow for the rolls of insulation for the next bay to fit up against the rolls of insulation of the proceeding bay and having the fabric of both rolls overlap each other. (Do not throw away the fiber insulation that has been cut, you will need this insulation to fill in at the ridge cap). [See Figure 4](#)

Step 9: If building requires "X" bracing in between the purlins, install them prior to installing the unfaced insulation. [See Figure 5](#)

Step 10: Starting at the eave, roll the unfaced insulation towards the ridge. (Placing 2"x10" wood members over the purlins and over the unfaced insulation makes it easier to work on the roof and at the same time it holds the unfaced insulation down). [See Figures 5 & 6](#)

Step 11: If stalling the CFR Standing Seam Roof, install the rake angle prior to installing the first roof panel. Refer to the CFR Roof Installation Manual. [See Figure 6](#)

Step 12: Place roof sheeting panels on top of the leading edge of the insulation to hold down insulation in the event of wind. [See Figure 6](#)

Step 13: Start installing roof panels as per the building plans. [See Figure 5](#)

Step 14: Continue with the roof panels until you reach the end of the first bay.

Step 15: If doing more than one bay of roofing per day, repeat steps 2 through 14. See step 8 above to join the insulation together.

Step 16: All insulation must be covered with roof sheeting at the end of each day to protect against rain or wind. [See Figure 8](#)

Step 17: When you complete one side of the building, then you can follow the same steps to complete the other side of the building.

Step 18: Once both sides of the building are completed, stuff loose pieces of insulation in the ridge and then install the ridge cap so there are no voids inside the ridge cap.



