



Dura-Lite

RIDGE VENT

Installation Guide



Tel: (519) 527-2470
92 Railway St. P.O Box 668
Seaforth, ON Canada N0K 1W0
www.sunnorth.com

Table of Contents

Table of Contents	2
I. Installation Preparation	2
Items Included.....	2
Hardware Included	2
Tools Required.....	3
II. Important Notes.....	3
III. Procedure.....	4

Installation Preparation

Items Included

- Dura-Lite Ridge Vent System

Hardware Included



• SN022X0408 Hex Whr Hd Tek Scr/whr.12 X 1-1/2



• SN022X4123 White 2-1/2" Wood Grips



• SN022X5896 Hex Head Lag Scr. SS 1/4 X 1-1/2



• SN727X1015 Polycarbonate Twinwall Clear 8mm



• SN750X0002 Polycarbonate Top Joiners



• SN750X1010 Dura-Lite Ridge Vent Truss



• SN022X0411 Hex W/hr Hd
Tek Scr/w/hr 12" x 1"



• SN850X0046 $\frac{3}{4}$ " x $\frac{3}{4}$ "
Aluminum Angle

Tools Required

- Tape Measure
- Hammer
- Rubber Mallet
- Cordless Impact
- 7/16" Socket & Adapter for Impact
- 5/16" Socket & Adapter for Impact
- 1/4" Socket & Adapter for Impact
- Utility Knife

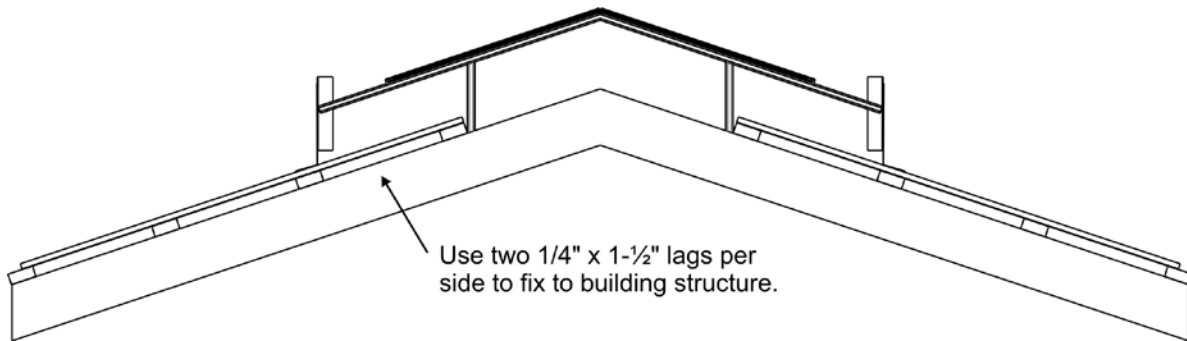
NOTE: Illustrations/images may be changed without notice. All dimensions and specifications are approximate and drawings are not to scale.

Important Notes

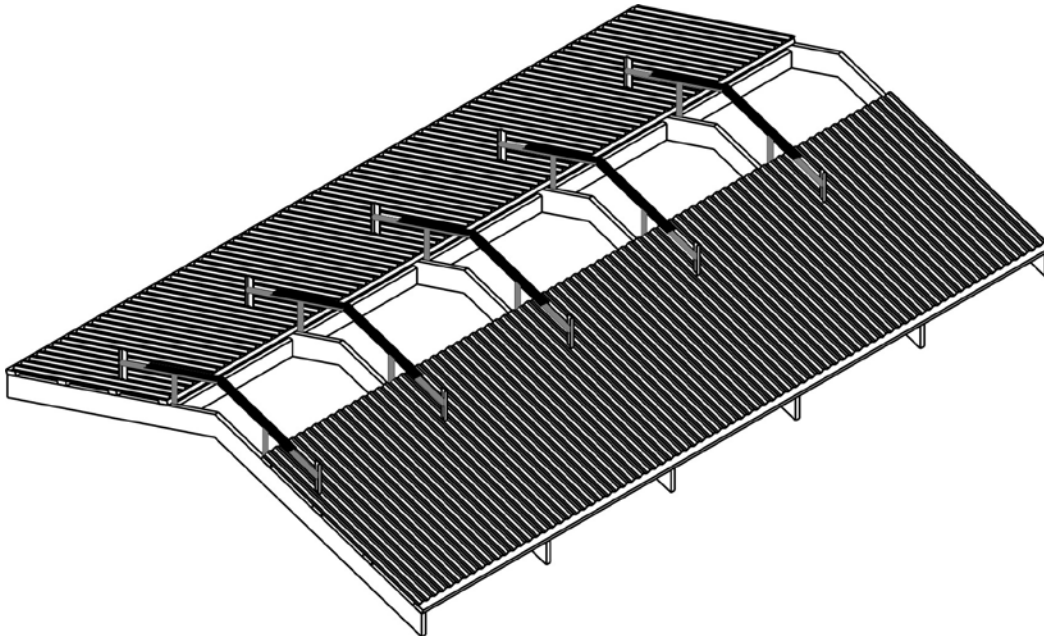
It is important to assemble a test run of the Dura-Lite Ridge Vent installation to be sure that you understand the assembly process. For example, complete a 20' length of the ridge then proceed along the rest of the building.

Procedure

1. Start by selecting a SN750X1010 Dura-Lite Ridge Vent Truss and using four SN022X5896 Hex Head Lag Scr. SS $\frac{1}{4}$ X 1-1/2 fix the truss to the building at one end.

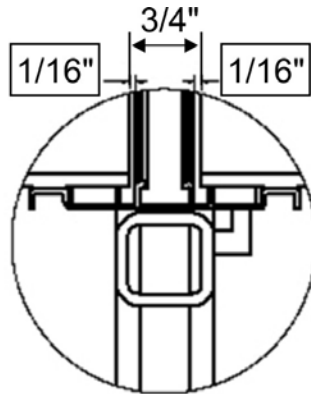


2. Using a sheet of glazing you can now space out the remaining trusses along the ridge of the building. Be sure to provide 1/8" of extra coverage of glazing over the truss allowing for expansion. Fix each truss in place using four SN022X5896 Hex Head Lag Scr. SS $\frac{1}{4}$ X 1-1/2.



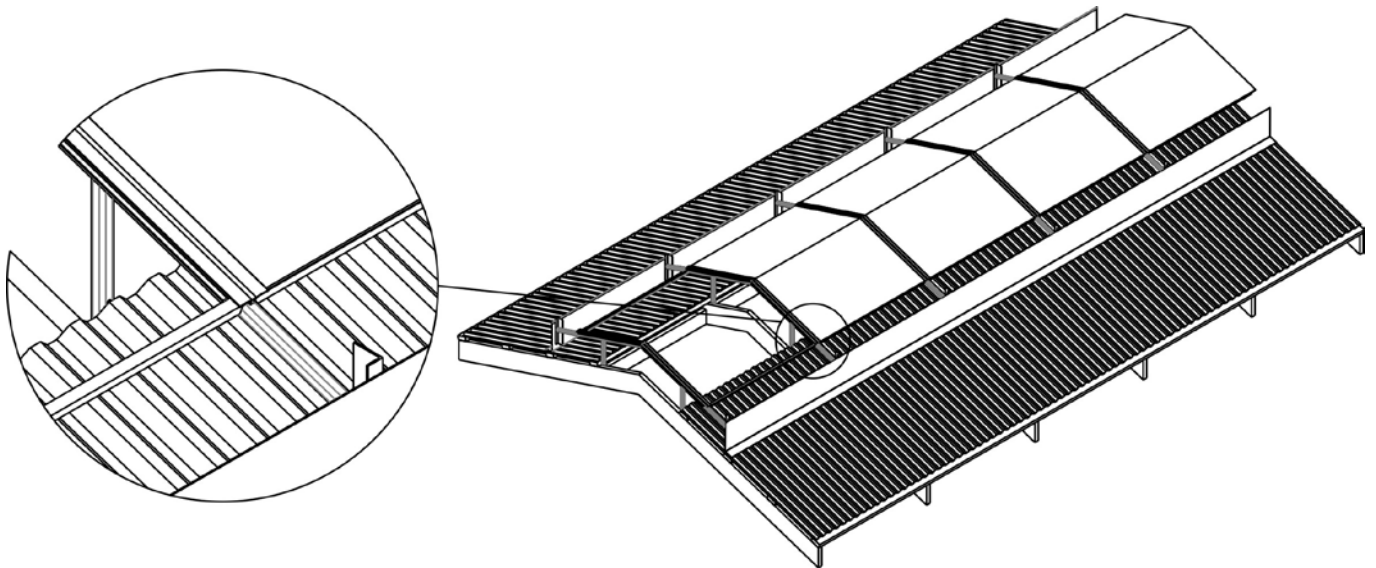
NOTE: Just do a 20' test section. Install this this section through to step 6 to completion and then proceed with the rest of the barn.

3. Each truss has a track on its top surface providing a channel system to accept a joiner strip. This joiner strip locks into the top channels of each truss in turn holding the glazing in place. Looking down at the truss channel, when the glazing is installed it should be back from the centre of the channel by $\frac{3}{8}$ ". Lay the glazing (SN727X1015) in place on each side of the trusses, you should now have $\frac{3}{4}$ " between the edges of the glazing running down the truss channel. The glazing must be in place before attaching the top joiner strip. The last sheet of glazing can be cut to fit.

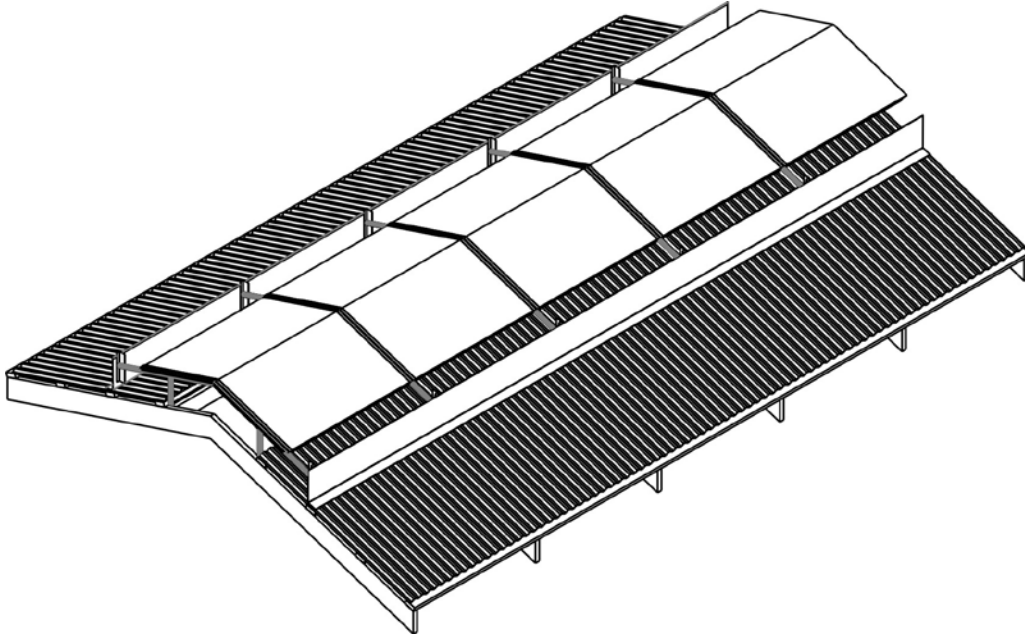


4. Put the joiner strip (SN750X0002) in place and then hammer it with a rubber mallet working from the ridge down both sides of the glazing. The force of the rubber mallet will snap the strip in place.

5. After the strip is in place you must now drive (SN022X0408) Hex Whr Hd Tek Scr/whr.12 X 1-1/2 through the centre of the joiner strip into the aluminum truss channel, one 4" from the ridge and the last approximately 4" from the bottom. The spacing is usually 8" to 12" on centre (see picking slip for total quantity and divide by quantity of trusses. You will need 2 per truss for step #6.)



6. Install $\frac{3}{4}$ " x $\frac{3}{4}$ " Aluminum angle (SN850X0046) along lower edge of glazing with one leg down, it is notched to fit over the trusses. Use Hex Wbr Hd Tek $1\frac{1}{2}$ " (SN022X0408) through glazing and angle in to each truss. Now use Hex Wbr Hd Tek 1" (SN022X0411) every 12" on centre along lower edge of glazing to fix glazing edge to angle below.



7. Flashing should be installed to prevent wind effect on the ridge openings. Flashing supplied by others as required. Flashing should be attached to roof high rib and the bracket at the end of the Aluminum Truss.