GENERAL DETAILS

FA2010 - BRIDGE STARTER INSTALLATION (CFR PANEL)
FA2012 - INTERMEDIATE BRIDGE INSTALLATION (CFR PANEL)
FA2013 - ENDING BRIDGE INSTALLATION (CFR PANEL)
FA2020 NBS - PANEL LAP WITH PURLINS
FA2025 NBS - PANEL LAP WITH JOISTS
FA2035-CFR - START/FINISH WIDTH DETAIL
1. Start the second row of bridges by attaching to the previously installed bridge and purlin. Install next bridge by nesting or lapping into top profile. Attach this end first by lining up pre-punched holes and use (2) fasteners. *You must make sure that the lower insulation is properly installed and cut ahead of the bridge foot.

2. Fill void under bridge with strip of batt insulation. Install upper insulation directly on top of the lower insulation and over bridge clips. The width of the upper insulation should be pre-cut to 2'-0 widths. Insulation cannot run out past the panel clip.

3. Install thermal blocks. The leading edge of the thermal blockanged tucked into the top of the bridge to help seal it in place.

4. Install next roof panel by interlocking the ribs with previous panel and laying it down across bridge. Be sure the seam has locked together before proceeding.

5. You can now use the installed roof panel as a platform to attach the foot of the bridge to the roof secondary member with (2) fasteners.

6. Install panel clip over roof panel by rolling clip over panel, butting clip to panel, and sliding it into the top of the bridge. Ensure that the top of the bridge is level with the roof panel clip.

7. After the panel clip has been installed, the next row of lower insulation must be installed and you can loosely install the next bridges at the "nested end" only starting the process over. Be sure to line up the bridge with the purlin or joist.

8. You can now use the installed roof panel as a platform to attach the foot of the bridge to the roof secondary member with (2) fasteners.

9. Fill void under bridge with a strip of batt insulation. Install upper insulation directly on top of the lower insulation and over bridge clips. The width of the upper insulation should be pre-cut to 2'-0 widths. Insulation cannot run out past the panel clip.

10. Attach next bridge to previous bridge with (2) high fasteners before rolling over top layer of insulation.

11. Attach bridge foot to purlin with (2) high fasteners or to bar joist with (2) high fasteners.

12. Add layer of lower insulation (by others).
Issued  :  02.12.21  (MR2021.003)  
Issued By :  SLF

CERTIFIED ERECTION DETAILS

Detail Size (W x H) :  3 x 2

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GENERAL DETAILS

R-Boost™ ELEVATED INSULATION SYSTEM

FA2013 - ENDING BRIDGE INSTALLATION DETAIL (CFR PNL)

Download the DWG file by clicking here.
**R-Boost™ END LAP DETAIL**

ROOF SYSTEM WITH PURLINS

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**Erector Note:**

Start fastening in center of panel, alternating fastener installation, working outwards towards panel ribs.

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**Mastic Stops:**

- **Male Rib:**
  - Place a bead of Butyl Tube Caulk MK. H3151 as shown on male & female rib. Adjacent to, and upslope from the endlap mastic.

- **Female Rib:**
  - See isometric panel rib details.

**Detail Size:** (W x H) : 1 x 1

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**By:** IJB

**Download the DWG file by clicking here.**
**FA2025 - PANEL LAP WITH ROOF JOIST**

Download the DWG file by clicking here.

**R-Boost™ END LAP DETAIL**

**ROOF SYSTEM WITH BAR JOIST**

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**Mastic stops**

**MALE RIB**

**FEMALE RIB**

**PLACE A BEAD OF BUTYL TUBE CAULK MK. H3151 AS SHOWN ON MALE & FEMALE RIB. ADJACENT TO, AND UPSLOPE FROM THE ENDLAP MASTIC.**

**LOWER ROOF PANEL**

**THERMAL BLOCK**

**INSULATION BRIDGE MK. EIB24**

**TOP OF ROOF LINE**

**LOWER INSULATION (BY OTHERS)**

**ROOF JOIST**

**UPPER INSULATION (BY OTHERS)**

**27" LONG PRE-CUT TAPE MASTIC H3640**

**(10) H1030 FASTENERS**

2 1/2" BETWEEN RIBS AND
(1) FASTENER @ EACH RIB

**SEE ISOMETRIC PANEL RIB DETAILS**

**USE FACTORY DIMPLES FOR ENDLAP FASTENER GUIDE**

**BACK UP PLATE MK. H2650**

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**Erector Note:**

START FASTENING IN CENTER OF PANEL, ALTERNATING FASTENER INSTALLATION, WORKING OUTWARDS TOWARDS PANEL RIBS

**CERTIFIED ERECTION DETAILS**

**Detail Size (W x H) : 1 x 1**
START / END CUT PANEL DIMENSION DETAIL

- WHEN FIELD CUTTING OR MITERING ROOF PANELS, NON-ABRASIVE CUTTING TOOLS SUCH AS NIBBLERS OR TIN-SNIPS SHALL BE USED.
- ABRASIVE CUTTING TOOLS SUCH AS MECHANICAL GRINDERS, SAWS, SHEARS OR SCISSORS CAN DAMAGE THE PANEL FINISH AND CREATE EXCESS METAL SHAVINGS THAT CAN CORRODE THE PANELS.
- THE USE OF NON-APPROVED CUTTING DEVICES MAY VOID YOUR FACTORY WARRANTY.