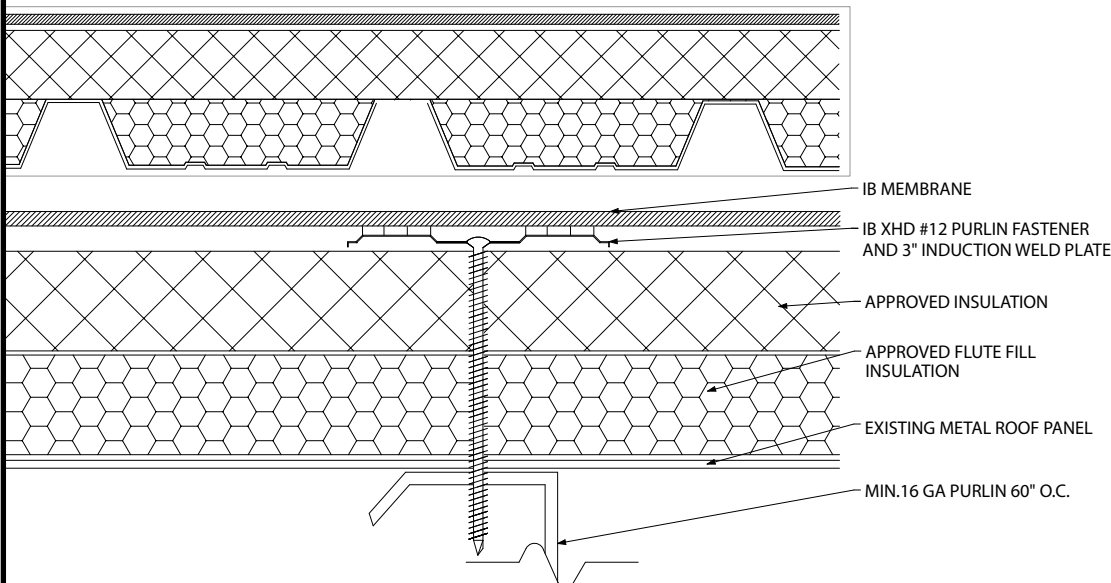




## Induction Welded Membrane - Insulation - Flute Filler - Existing Metal Roof - Purlin Fastened (Recover)



Fire Rating / Max. Slope	Deck Type	Insulation/Flute Filler (over Existing Metal Roof)			IB Membrane Attachment	Max. Design Pressure**
		Type	Fastener	Attachment		
'Class "A" 2":12"	Metal Roof Panel & 16 gauge, 50 ksi steel purlins spaced max. 60-inch o.c.	Approved Insulation & Approved Flute Filler Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB XHD #15, IB 3" isoweld Plate 12" o.c. along purlins (max 60")	Plate bonded with isoweld 3000 tool	Minimum Req for IB Warranty
'Class "A" 2":12"	Metal Roof Panel & 16 gauge, 50 ksi steel purlins spaced max. 60-inch o.c.	Approved Insulation & Approved Flute Filler Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB XHD #15, IB 3" isoweld Plate 12" o.c. along purlins (max 60")	Plate bonded with Rhinobond tool	Minimum Req for IB Warranty
'Class "A" 2":12"	Metal Roof Panel & 16 gauge, 50 ksi steel purlins spaced max. 60-inch o.c.	Approved Insulation & Approved Flute Filler Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB #12 Purlin Fastener, IB 3" isoweld Plate 12" o.c. along purlins (max 60")	Plate bonded with isoweld 3000 tool	-45.0 psf (Class 90)
'Class "A" 2":12"	Metal Roof Panel & 16 gauge, 50 ksi steel purlins spaced max. 60-inch o.c.	Approved Insulation & Approved Flute Filler Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB #12 Purlin Fastener, IB 3" isoweld Plate 6" o.c. along purlins (max 60")	Plate bonded with isoweld 3000 tool	-90.0 psf (Class 180)
'Class "A" 2":12"	Metal Roof Panel & 16 gauge, 50 ksi steel purlins spaced max. 48-inch o.c.	Approved Insulation & Approved Flute Filler Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB #12 Purlin Fastener, IB 3" isoweld Plate 12" o.c. along purlins (max 48")	Plate bonded with isoweld 3000 tool	-67.5 psf (Class 135)
'Class "A" 2":12"	Metal Roof Panel & 16 gauge, 50 ksi steel purlins spaced max. 48-inch o.c.	Approved Insulation & Approved Flute Filler Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB #12 Purlin Fastener, IB 3" isoweld Plate 9" o.c. along purlins (max 48")	Plate bonded with isoweld 3000 tool	-97.5 psf (Class 195)

**Existing Roof:** Metal Standing Seam or lapped seam Metal Panel Roof, having a min. 16 gauge, 50 ksi steel purlin

**Approved Flute Filler:** IB EnergyBoard II or III, or IB Approved UL Classified Polyisocyanurate, IB Approved UL Classified Expanded Polystyrene, IB Approved UL Classified Extruded Polystyrene Insulation

**Approved Insulation:** IB EnergyBoard II or III, H-Shield ISO, H-Shield CG or IB Approved UL Classified Polyisocyanurate

**Fire Classification Note:** <sup>1</sup>UL Class 'A' up to 2":12" slope when minimum 1" IB Approved UL Classified Polyisocyanurate insulation is installed over any IB Approved UL Classified Expanded Polystyrene or Polyisocyanurate; <sup>2</sup>Use of other IB Approved Insulations may not achieve UL classification.

**\*\*Refer to Substrate Resistance Table for required pull-out values.**

For additional information about IB Roof Systems requirements, recommendations, installation details, approvals, and limitations for the above assemblies, please refer to the latest edition of the IB Roof Systems Specifications Manual. For Technical Services please contact IB Technical Department at 800-426-1626.

Membranes:		Membrane Color:				Warranty Length***			Warranty Type***	
IB PVC Single-Ply 50 Mil	White*	Gray	Tan	Bronze	ChemGuard*	10 Year	15 Year	20 Year	Total Systems - No Dollar Limit (TSW)	Warranty Plus (WP)
IB PVC Single-Ply 60 Mil	White*	Cool Sand*	Cool Stone*	Gray	Tan	15 Year	20 Year	25 Year	Commercial Limited Material Warranty (CLMW)	Residential Limited Material Warranty (RLMW)
IB PVC Single-Ply 80 Mil	White*	Gray	Tan	Bronze	ChemGuard*	20 Year	25 Year	30 Year		

\*Meets CRRC, Title 24 & EnergyStar Standards

\*\*\*Refer to Warranty Selection Guide for Warranty Riders, Term Length Limitations, and eligibility requirements of the Warranty Program

Submitted By:

Project Name:

Address:

Address:

Email:

