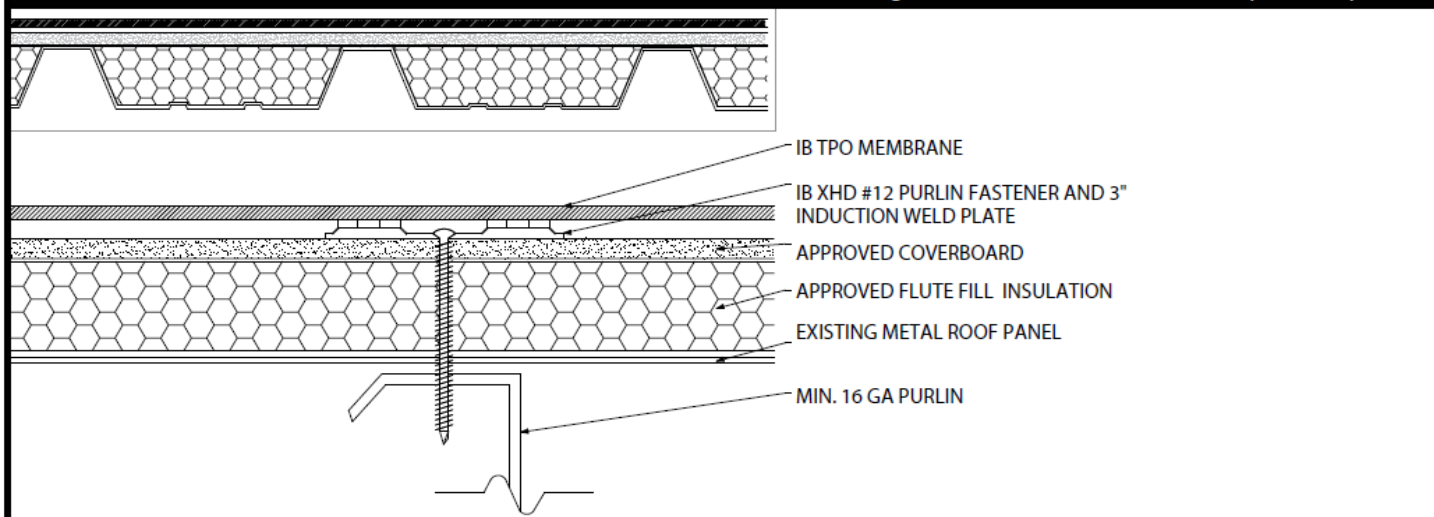




Induction Welded TPO Membrane - Cover Board - Flute Filler - Existing Metal Roof - Purlin Fastened (Recover)



Deck Type ¹	Cover Board/Flute Fill Type ^{2,3,4}	Cover Board Securement			IB Membrane Securement ^{**} Attachment ^{***}
		Preliminary Attachment	Induction Fastener/TPO Plate	Density	
Metal Roof Panel & 16-gauge, steel purlins	Approved Cover Board & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (5 per 4' x 8')	IB #12 Purlin Fastener and Rhinobond TPO Plate	18" oc. in rows 60-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Cover Board & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (5 per 4' x 8')	IB #12 Purlin Fastener and Rhinobond TPO Plate	12" oc. in rows 72-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Cover Board & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (5 per 4' x 8')	IB #12 Purlin Fastener and Rhinobond TPO Plate	12" oc. in rows 60-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Cover Board & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (5 per 4' x 8')	IB #12 Purlin Fastener and Rhinobond TPO Plate	6" oc. in rows 120-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Cover Board & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (5 per 4' x 8')	IB #12 Purlin or IB XHD #15 Fastener and isoweld TPO Plate	12" oc. in rows 60-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Cover Board & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (5 per 4' x 8')	IB #12 Purlin or IB XHD #15 Fastener and isoweld TPO Plate	6" oc. in rows 60-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Cover Board & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (5 per 4' x 8')	Trufast #12 Purlin Fastener and TrufastTPO Plate	6" oc. in rows 60-inch oc.	Plate bonded

¹Existing Roof: Metal Standing Seam or lapped seam Metal Panel Roof, having a min. 16-gauge, steel purlin

²Approved Flute Filler: IB Energy Board II or III, or IB Approved UL Classified Polyisocyanurate, IB Approved UL Classified Expanded Polystyrene, IB Approved UL Classified Extruded Polystyrene Insulation

³Approved Cover Board: DensDeck, DensDeck Prime, DensDeck StormX Prime, Securock Ultralight Glass-Mat, Securock Ultralight Coated Glass-Mat, Securock Gypsum Fiber Board, DEXcell Glass-Mat Roof Board, or DEXcell FA Glass Mat Roof Board, minimum 1/4" thickness; or minimum 7/16" DEXcell Cement Roof Board; or minimum 1/2" IB HD ISO-J, or 1/2" IB Recovery Energy Board III-J.

⁴The use of some IB Approved Insulations/Cover Boards and/or combinations thereof may not achieve UL Classification.

System Uplift Note(s): **Refer to applicable Approval Guide for System Code and/or FM Approvals Information. ***Refer to Substrate Resistance Table for required pull-out values.

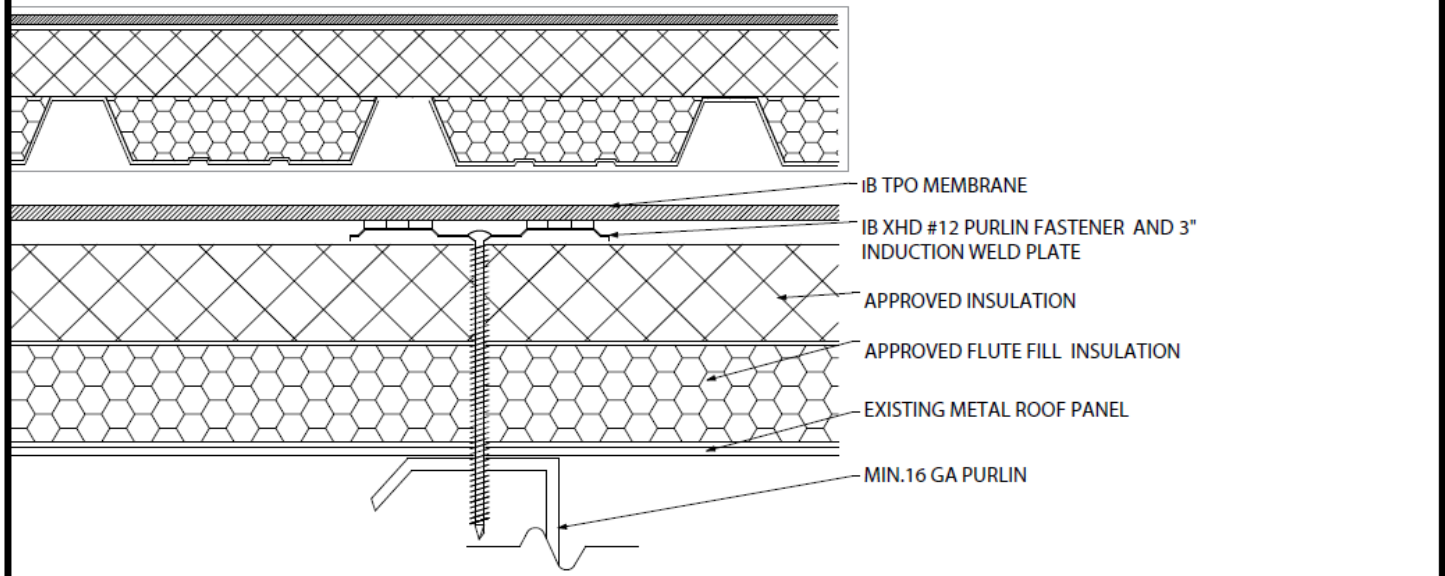
For additional information about IB Roof Systems requirements, recommendations, installation details, approvals, and limitations for the above assemblies, please refer to the latest edition of the IB Roof Systems Specifications Manual. For Technical Services please contact IB Technical Department at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

Membranes:		Membrane Color:			Warranty Length ^{**}			Warranty Type ^{**}	
IB TPO SM 60 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year	Contractor Warranty Only		
IB TPO SM 80 Mil	White*	Gray	Tan	15 Year	20 Year	25 Year	Total Systems - No Dollar Limit (TSW)		
[*] Meets CRRC, Title 24, LEED (SRI)					^{**} Refer to Warranty Selection Guide for Warranty Riders, Term Length Limitations, and eligibility requirements of the IB Warranty Program			Warranty Plus (WP)	
								Commercial Limited Material Warranty (CLMW)	
								Residential Limited Material Warranty (RLMW)	

Submitted By:		Project Name:	
Company Name:		Address:	
Email/Phone:		City/State:	



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



Deck Type ¹	Insulation/Flute Fill Type ^{2,3,4}	Insulation Securement			IB Membrane Securement ^{***} Attachment ^{***}
		Preliminary Attachment	Induction Fastener/TPO Plate	Density	
Metal Roof Panel & 16-gauge, steel purlins	Approved Insulation & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB #12 Purlin Fastener and Rhinobond TPO Plate	18" oc. in rows 60-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Insulation & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB #12 Purlin Fastener and Rhinobond TPO Plate	12" oc. in rows 72-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Insulation & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB #12 Purlin Fastener and Rhinobond TPO Plate	12" oc. in rows 60-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Insulation & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB #12 Purlin Fastener and Rhinobond TPO Plate	6" oc. in rows 120-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Insulation & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB #12 Purlin or IB XHD #15 Fastener and isoweld TPO Plate	12" oc. in rows 60-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Insulation & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB #12 Purlin or IB XHD #15 Fastener and isoweld TPO Plate	6" oc. in rows 60-inch oc.	Plate bonded
Metal Roof Panel & 16-gauge, steel purlins	Approved Insulation & Flute Fill Insulation	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	Trufast #12 Purlin Fastener and TrufastTPO Plate	6" oc. in rows 60-inch oc.	Plate bonded

¹Existing Roof: Metal Standing Seam or lapped seam Metal Panel Roof, having a min. 16-gauge, steel purlin

²Approved Flute Filler: IB Energy Board II or III, or IB Approved UL Classified Polyisocyanurate, IB Approved UL Classified Expanded Polystyrene, IB Approved UL Classified Extruded Polystyrene Insulation

³Approved Insulation: IB Energy Board II or III, or IB Approved UL Classified Polyisocyanurate, minimum thickness 1-inch.

⁴The use of some IB Approved Insulations/Flute Fill Insulations and or combinations thereof may not achieve UL Classification.

System Uplift Note(s): **Refer to applicable Approval Guide for System Code and/or FM Approvals Information. ***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 TPO SM 60 Mil		White*	Gray	Tan	10 Year	15 Year	20 Year	Contractor Warranty Only	
IB TPO SM 80 Mil		White*	Gray	Tan	15 Year	20 Year	25 Year	Total Systems - No Dollar Limit (TSW)	
*Meets CRRC, Title 24, LEED (SRI)					**Refer to Warranty Selection Guide for Warranty Riders, Term Length Limitations, and eligibility requirements of the IB Warranty Program			Warranty Plus (WP)	
								Commercial Limited Material Warranty (CLMW)	
								Residential Limited Material Warranty (RLMW)	

Submitted By:	Project Name:
Company Name:	Address:
Email/Phone:	City/State: