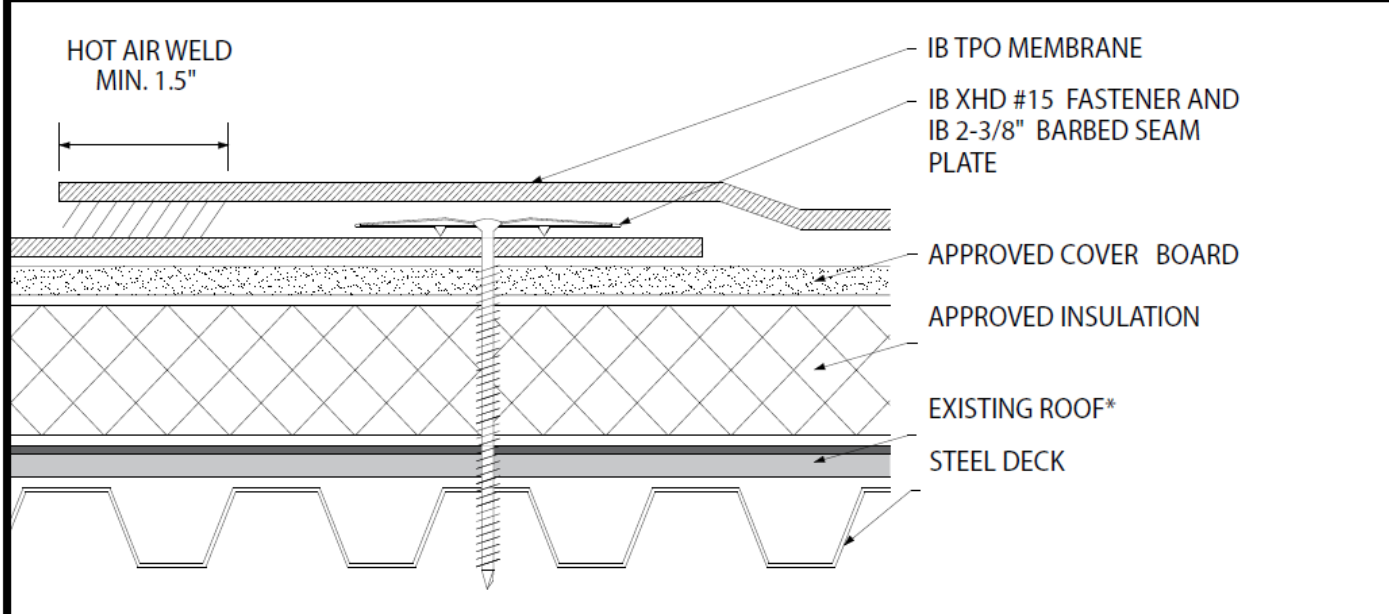


## Mechanically Attached TPO Membrane - Cover Board - Insulation - Existing Roof - Steel Deck (Recover)



Deck Type	Cover Board/Insulation (over Existing Roof) <sup>1</sup>			IB Membrane Securement*	
	Type <sup>2,3,4</sup>	Attachment	Fastener/Plate	Fastener/Plate**	Attachment***
Min. 24 ga. Type B Steel	Approved Insulation & Approved Cover Board	1 per 6.4 Sq. Ft. (5 per 4' x 8')	Min. IB SD #12, 3" IB Insulation Plate	IB XHD #15, IB 2-3/8" Barbed Seam Plate	In-Seam @ 12" oc. x 54" max width
Min. 24 ga. Type B Steel	Approved Insulation & Approved Cover Board	1 per 6.4 Sq. Ft. (5 per 4' x 8')	Min. IB SD #12, 3" IB Insulation Plate	IB XHD #15, IB 2-3/8" Barbed Seam Plate	In-Seam @ 6" oc. x 90" max width
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation & Approved Cover Board	1 per 6.4 Sq. Ft. (5 per 4' x 8')	Min. IB SD #12, 3" IB Insulation Plate	IB XHD #15, IB 2-3/8" Barbed Seam Plate	In-Seam @ 12" oc. x 114" max width
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation & Approved Cover Board	1 per 6.4 Sq. Ft. (5 per 4' x 8')	Min. IB SD #12, 3" IB Insulation Plate	IB XHD #15, IB 2-3/8" Barbed Seam Plate	In-Seam @ 6" oc. x 138" max width
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation & Approved Cover Board	1 per 6.4 Sq. Ft. (5 per 4' x 8')	Min. IB SD #12, 3" IB Insulation Plate	IB XHD #15, IB 2-3/8" Barbed Seam Plate	In-Seam @ 12" oc. x 114" max width
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation & Approved Cover Board	1 per 6.4 Sq. Ft. (5 per 4' x 8')	Min. IB SD #12, 3" IB Insulation Plate	IB XHD #15, IB 2-3/8" Barbed Seam Plate	In-Seam @ 6" oc. x 138" max width

<sup>1</sup>Existing Roof: APP or SBS modified bitumen, smooth or granule surfaced asphaltic built-up roof, or single-ply membrane (CPA, CSPE, EPDM, PVC, or TPO).  
<sup>2</sup>Approved Insulation: 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.  
<sup>3</sup>Approved 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.  
<sup>4</sup>The use of some IB Approved Insulation/Cover Boards 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. \*\*\*Contact IB Technical Services for maximum sheet width allowed relative to in-seam fastening pattern.**  
 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 60 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year	Total Systems - No Dollar Limit (TSW)		
IB TPO FB 115 Mil	White*			10 Year	15 Year	20 Year	Warranty Plus (WP)		
IB TPO FB 135 Mil	White*			10 Year	15 Year	20 Year	Commercial Limited Material Warranty (CLMW)		
							Residential Limited Material Warranty (RLMW)		

\*Meets CRRC, Title 24, LEED (SR)

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

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