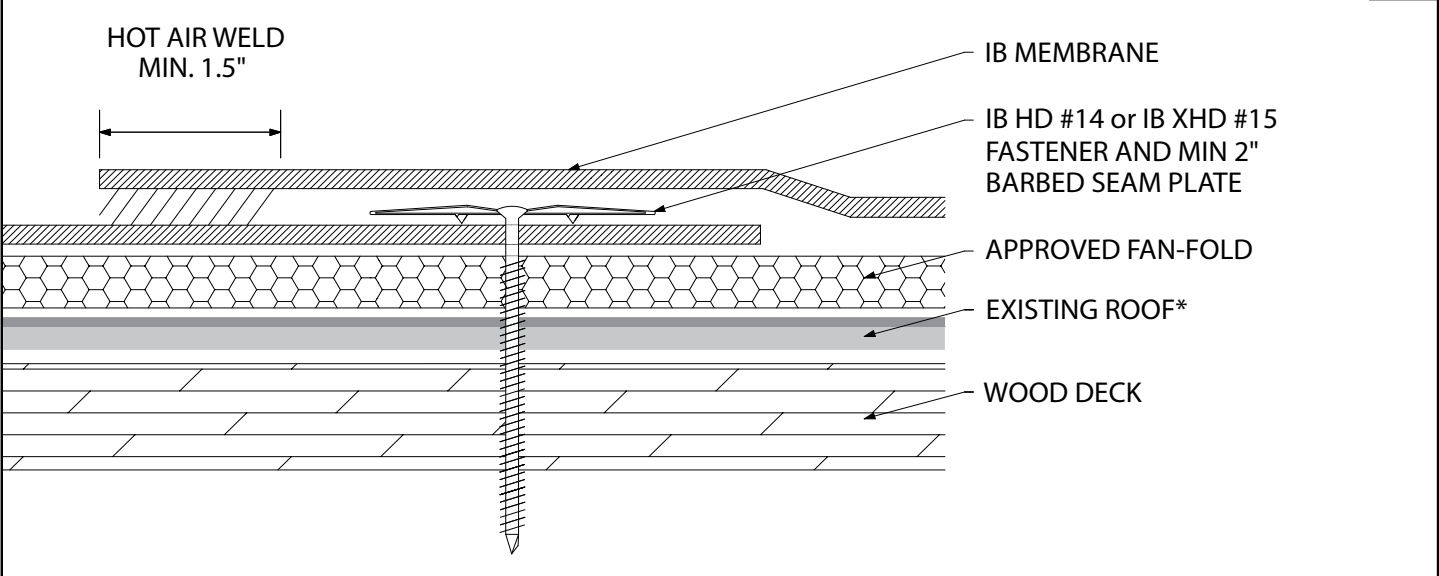


Mechanically Attached Membrane - Fan-Fold - Existing Roof - Wood Deck (Recover)



Fire Rating / Max. Slope		Deck Type	Fan-Fold (over Existing Roof)		IB Membrane		Max. Design Pressure**
			Type	Attachment	Fasteners	Attachment	
	Not Rated	7/16" OSB	Min. ½" Approved IB EPS Fan-Fold Insulation	Min. IB SD #12, 3" IB Insulation Plate (1 per 12 sq. ft.)	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 6" o.c. Min. x 67"	Minimum Req for IB Warranty
	¹Maintain Existing ½":12"	5/8" OSB	Min. ½" Approved IB EPS Fan-Fold Insulation	Min. IB SD #12, 3" IB Insulation Plate (1 per 12 sq. ft.)	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 12" o.c. Min. x 67"	Minimum Req for IB Warranty
	¹Maintain Existing ½":12"	1/2" Plywood	Min. ½" Approved IB EPS Fan-Fold Insulation	Min. IB SD #12, 3" IB Insulation Plate (1 per 12 sq. ft.)	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 12" o.c. Min. x 67"	Minimum Req for IB Warranty
	¹Maintain Existing ½":12"	1/2" Plywood	Min. ½" Approved IB EPS Fan-Fold Insulation	Min. IB SD #12, 3" IB Insulation Plate (1 per 12 sq. ft.)	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 6" o.c. Min. x 67"	-37.5 psf (Class 75)
	¹Maintain Existing ½":12"	19/32" Plywood	Min. ½" Approved IB EPS Fan-Fold Insulation	Min. IB SD #12, 3" IB Insulation Plate (1 per 12 sq. ft.)	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 12" o.c. Min. x 67"	-30.0 psf (Class 60)
	¹Maintain Existing ½":12"	19/32" Plywood	Min. ½" Approved IB EPS Fan-Fold Insulation	Min. IB SD #12, 3" IB Insulation Plate (1 per 12 sq. ft.)	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 6" o.c. Min. x 67"	-45.0 psf (Class 90)
	¹Maintain Existing ½":12"	19/32" Plywood	Min. ½" Approved IB EPS Fan-Fold Insulation	Min. IB SD #12, 3" IB Insulation Plate (1 per 12 sq. ft.)	IB XHD #15, IB 2-3/8" Barbed Seam Plate	In-Seam 6" o.c. Min. x 67"	-67.5 psf (Class 135)
	¹Maintain Existing ½":12"	19/32" Plywood	Min. ½" Approved IB EPS Fan-Fold Insulation	Min. IB SD #12, 3" IB Insulation Plate (1 per 12 sq. ft.)	IB XHD #15, IB 2-3/8" Barbed Seam Plate	In-Seam 6" o.c. Min. x 31"	-127.5 psf (Class 255)

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)
Approved EPS Fan-Fold Insulation: R-Tech Fan-Fold Underlayment, or Polyshield Fan-Fold Recovery Board, or Thermofoam R-Control EPS, max 1" thickness, minimum 1.5 density.
Fire Classification Note: ¹UL Classification up to ½":12" limited to Class A, B or C built up systems, smooth surfaced, cap sheet or gravel surfaced (gravel maintained) when utilized with the above listed IB Approved Fan-Fold EPS to retain the existing Classification. ²Recover over other roof systems may not retain UL Classification. ³Other IB Approved Fan-Fold EPS may not retain 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) Commercial Limited Material Warranty (CLMW) Residential Limited Material Warranty (RLMW)	
IB PVC Single-Ply 60 Mil	White*	Cool Sand*	Cool Stone*	Gray	Tan	15 Year	20 Year	25 Year		
IB PVC Single-Ply 80 Mil	White*	Gray	Tan	Bronze	ChemGuard*	15 Year	20 Year	25 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:

Address:

Email:

Project Name:

Address:

