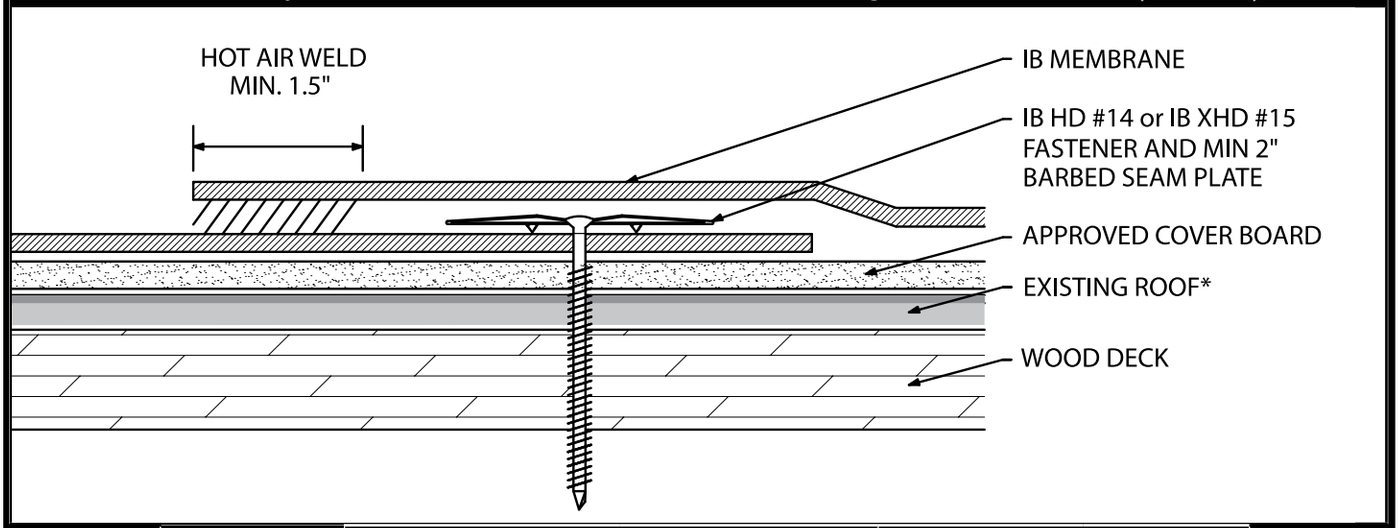
IB Roof Systems™

Fastened
MA-CB-EX-W

FS FastSpec

Mechanically Attached Membrane - Cover Board - Existing Roof - Wood Deck (Recover)



Fire Rating / Max. Slope		Deck Type	Cover Board (over Existing Roof)		IB Membrane		Max. Design Pressure**
			Type	Attachment	Fasteners	Attachment	
☐	Not Rated	7/16" OSB	Approved Cover Board	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 6" o.c. Min. x 67"	Minimum Req for IB Warranty
☐	[1]Class "A" 1":12"	5/8" OSB	Approved Cover Board	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 12" o.c. Min. x 67"	Minimum Req for IB Warranty
☐	[1]Class "A" 1":12"	1/2" Plywood	Approved Cover Board	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 12" o.c. Min. x 67"	Minimum Req for IB Warranty
☐	[1]Class "A" 1":12"	1/2" Plywood	Approved Cover Board	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 6" o.c. Min. x 67"	-37.5 psf (Class 75)
☐	[1]Class "A" 1":12"	19/32" Plywood	Approved Cover Board	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 12" o.c. Min. x 67"	-30.0 psf (Class 60)
☐	[1]Class "A" 1":12"	19/32" Plywood	Approved Cover Board	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB HD #14 or XHD #15, IB 2" Barbed Seam Plate	In-Seam 6" o.c. Min. x 67"	-45.0 psf (Class 90)
☐	[1]Class "A" 1":12"	19/32" Plywood	Approved Cover Board	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	IB XHD #15, IB 2-3/8" Barbed Seam Plate	In-Seam 6" o.c. Min. x 67"	-67.5 psf (Class 135)
☐	[1]Class "A" 1":12"	19/32" Plywood	Approved Cover Board	Min. IB SD #12, 3" IB Insulation Plate (6 per 4' x 8')	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 Cover Board: *DensDeck, DensDeck Prime, DensDeck StormX, 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 ¼" thickness; or minimum 7/16" DexCell Cement Board; minimum ½" gypsum board; minimum ½" IB HD ISO or HShield HD ISO; or minimum ½" thick Structodek HD Primed*

Fire Classification Note: *[1]UL Class A up to 1":12" limited to insulated or non-insulated cap sheet, smooth or gravel surfaced Built-Up Roof System) or PVC roof system, covered with any of the following gypsum cover boards: minimum ¼" Dens-Deck, DensDeck Prime, Securock Ultralight Glass-Mat, Securock Ultralight Coated Glass-Mat, DexCell Glass-Mat Roof Board, or DexCell FA Glass Mat Roof Board, or minimum 7/16" DexCell Cement Board. [2]UL Class A or retention of existing classification without slope limitation is limited to use of minimum ½" UL Classified gypsum over a Class A to retain existing Classification, insulated or non-insulated cap sheet or smooth surfaced roof. [3]Maintains existing Classification for any Class A, B or C, coated or uncoated, insulated, or un-insulated, smooth surfaced, Type G3 mineral surfaced cap sheet or mineral surfaced modified bitumen membrane BUR system when utilized with minimum ¼" Securock Gypsum Fiber Board. [4]The use of other IB Approved Cover Boards may not retain UL Classification. [5]Recover over modified bitumen or single-ply roof may not retain fire 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)
☐ IB PVC Single-Ply 60 Mil	☐ White* ☐ Cool Sand* ☐ Cool Stone* ☐ Gray ☐ Tan	☐ 15 Year ☐ 20 Year ☐ 25 Year	☐ Warranty Plus (WP)
☐ IB PVC Single-Ply 80 Mil	☐ White* ☐ Gray ☐ Tan ☐ Bronze ☐ ChemGuard*	☐ 15 Year ☐ 20 Year ☐ 25 Year	☐ Commercial Limited Material Warranty (CLMW) ☐ Residential Limited Material Warranty (RLMW)

****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:

CLASSIFIED cULus TGFU.R15546 | FM APPROVED | ICC ES ESR-2852 | MIAMI DADE COUNTY APPROVED | CRRC RATED PRODUCT 0640 | ENERGY STAR | TITLE 24 COMPLIANT