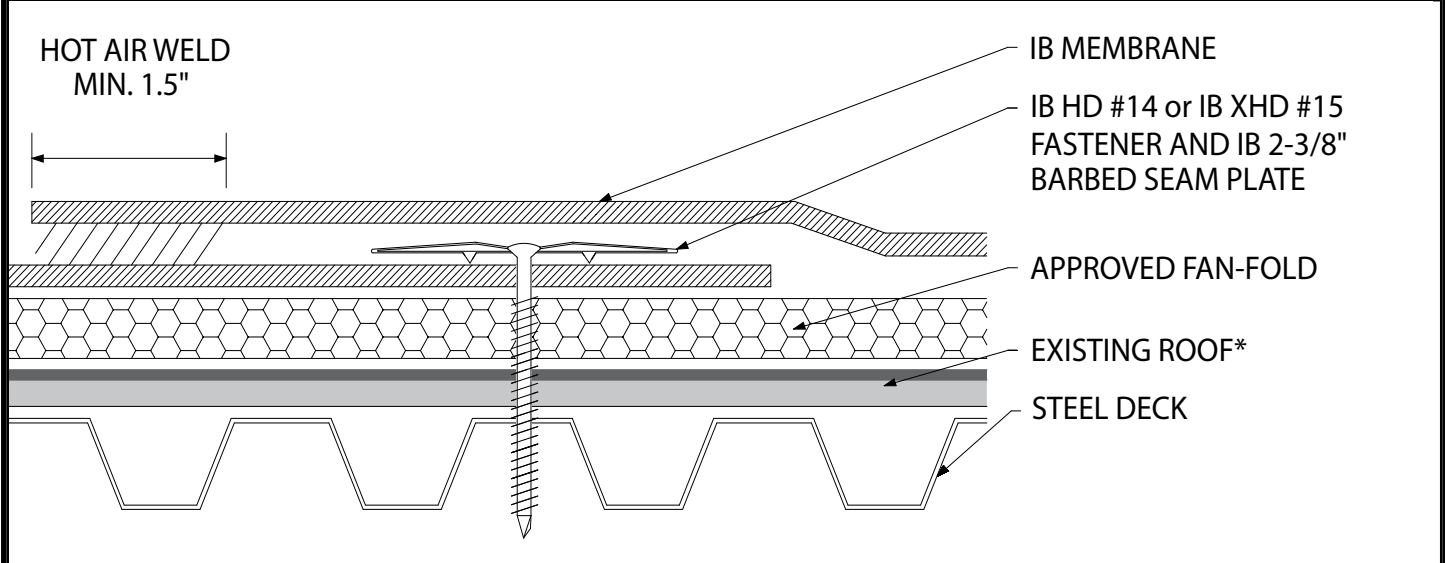


## Mechanically Attached Membrane - Fan-Fold - Existing Roof - Steel Deck (Recover)



| Fire Rating /<br>Max. Slope | Deck Type                          | Fan-Fold (over Existing Roof)               |                                                           | IB Membrane                                       |                             | Max. Design Pressure**      |
|-----------------------------|------------------------------------|---------------------------------------------|-----------------------------------------------------------|---------------------------------------------------|-----------------------------|-----------------------------|
|                             |                                    | Type                                        | Attachment                                                | Fasteners                                         | Attachment                  |                             |
| 'Maintain Existing ½":12"   | Min. 22 ga. Type B, Grade 33 Steel | 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 2-3/8" Barbed Seam Plate | In-Seam 18" o.c. Min. x 67" | Minimum Req for IB Warranty |
| 'Maintain Existing ½":12"   | Min. 22 ga. Type B, Grade 33 Steel | 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 2-3/8" Barbed Seam Plate | In-Seam 12" o.c. Min. x 67" | Minimum Req for IB Warranty |
| 'Maintain Existing ½":12"   | Min. 22 ga. Type B, Grade 33 Steel | 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 2-3/8" Barbed Seam Plate | In-Seam 6" o.c. Min. x 67"  | Minimum Req for IB Warranty |
| 'Maintain Existing ½":12"   | Min. 22 ga. Type B, Grade 80 Steel | 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 18" o.c. Min. x 67" | -30.0 psf (Class 60)        |
| 'Maintain Existing ½":12"   | Min. 22 ga. Type B, Grade 80 Steel | 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 12" o.c. Min. x 67" | -45.0 psf (Class 90)        |
| 'Maintain Existing ½":12"   | Min. 22 ga. Type B, Grade 80 Steel | 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)       |
| 'Maintain Existing ½":12"   | Min. 22 ga. Type B, Grade 80 Steel | 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, granule, or gravel surfaced asphaltic built-up roof, or single-ply membrane (CPA, CSPE, EPDM, PVC, or TPO)

**Approved EPS Insulation:** R-Tech Fan-Fold Underlayment, PolyShield Fan-Fold Recovery Board, or Thermofoam R-Control EPS, max 1" thickness, minimum 1.5 density.

**Fire Classification Note:** <sup>1</sup>UL 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. <sup>2</sup>Recover over other roof systems may not retain UL Classification. <sup>3</sup>Other 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)        |  |
| 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:

