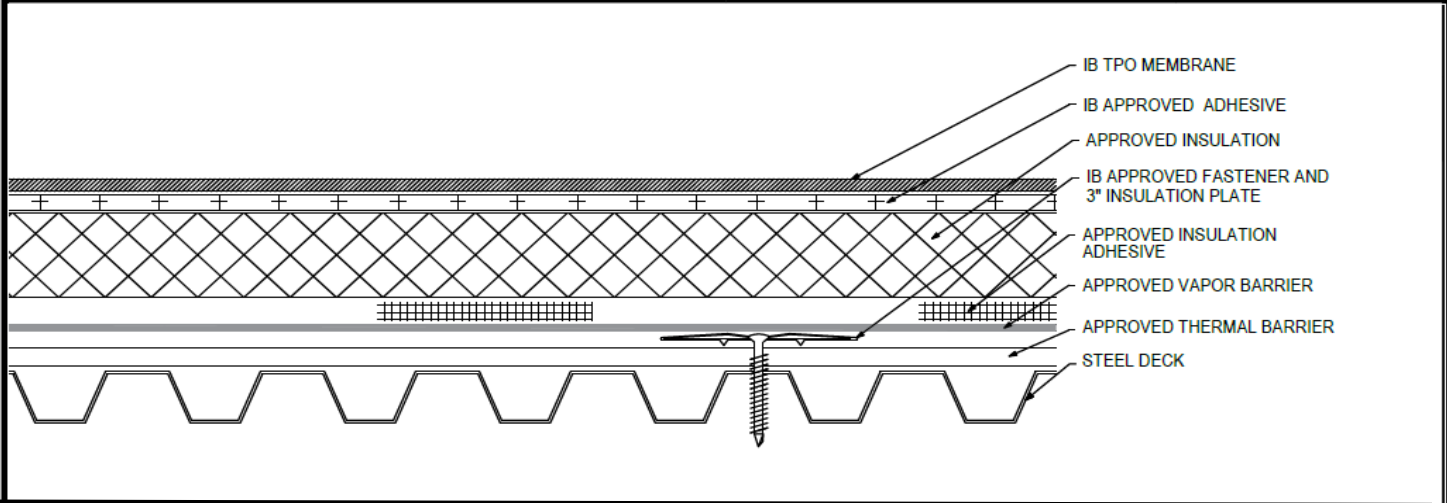


Adhered TPO Membrane - Insulation (RB) - Vapor Barrier - Thermal Barrier (MA) - Steel Deck (New or Tear Off)


| Deck Type | Thermal Barrier | | Vapor Barrier/Insulation | | | IB Membrane Securement** | |
|-----------------------------------|--------------------------|------------------------------------|---|-----------------------------------|------------------------------|-----------------------------|-------------------------|
| | Type ¹ | Attachment | Type | Type ^{2,3,4} | Adhesive Type ⁵ | Pattern*** | Attachment ⁶ |
| Min. 22 ga. Type B Grade 33 Steel | Approved Thermal Barrier | 8 per 4' x 8' (1 per 4.0 sq. ft.) | IB SD #12 or HD #14, IB 3" Insulation Plate | Approved Vapor Barrier/Insulation | Approved Insulation Adhesive | Continuous Ribbons, 12" oc. | IB Approved Adhesive |
| Min. 22 ga. Type B Grade 33 Steel | Approved Thermal Barrier | 16 per 4' x 8' (1 per 2.0 sq. ft.) | IB SD #12 or HD #14, IB 3" Insulation Plate | Approved Vapor Barrier/Insulation | Approved Insulation Adhesive | Continuous Ribbons, 6" oc. | IB Approved Adhesive |
| Min. 22 ga. Type B Grade 80 Steel | Approved Thermal Barrier | 8 per 4' x 8' (1 per 4.0 sq. ft.) | IB SD #12 or HD #14, IB 3" Insulation Plate | Approved Vapor Barrier/Insulation | Approved Insulation Adhesive | Continuous Ribbons, 12" oc. | IB Approved Adhesive |
| Min. 22 ga. Type B Grade 80 Steel | Approved Thermal Barrier | 16 per 4' x 8' (1 per 2.0 sq. ft.) | IB SD #12 or HD #14, IB 3" Insulation Plate | Approved Vapor Barrier/Insulation | Approved Insulation Adhesive | Continuous Ribbons, 6" oc. | IB Approved Adhesive |

¹Thermal Barrier: DensDeck, DensDeck Prime, DensDeck StormX, Securock Ultralight Coated Glass-Mat, Securock Gypsum Fiber Board, or DexCell FA Glass Mat Roof Board, minimum 1/2" thickness
²Approved Vapor Barrier: IBarrier SA Membrane, IBarrier SA 106, IBarrier SA FG, IBarrier XP SA Membrane, applied using self-adhesive techniques; IBarrier 90G TG SBS, IBarrier 120G TG SBS, IBarrier 120P TG SGS, applied using torch welding techniques.
³Approved Insulation: IB Energy Board II or III, or IB Approved UL Classified Polyisocyanurate.
⁴The use of some IB Approved Insulations and/or insulation/vapor barrier combinations may not achieve UL Classification.
⁵Approved Insulation Adhesive: Rapid Set Adhesive, Rapid Set PG Foam, Rapid Set ECO Spray Foam, Rapid Set ECO₂ Spray Foam, Millennium One Step, Millennium PG-1 SAF Pump Grade, Millennium PG-1 EF ECO, Millennium PG-1 EF ECO₂, OB500 Adhesive Fastener, OB500 Cannister, or TruFast Roofing Adhesive.
⁶Approved Adhesive: IB TPO Water Based Adhesive, IB TPO Bonding Adhesive, IB TPO LVOC Adhesive, IB TPO CALVOC Adhesive, or IB TPO Spray Contact Adhesive.
Note: IB TPO Bonding Adhesive, IB TPO LVOC Adhesive and IB TPO CA LVOC Adhesive cannot be used with IB TPO FB Membranes.
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 Total Systems - No Dollar Limit (TSW) Warranty Plus (WP) Commercial Limited Material Warranty (CLMW) Residential Limited Material Warranty (RLMW) |
| IB TPO SM 80 Mil | White* Gray Tan | 15 Year | 20 Year | 25 Year | |
| IB TPO FB 115 Mil | White* | 10 Year | 15 Year | 20 Year | |
| IB TPO FB 135 Mil | White* | 15 Year | 20 Year | 25 Year | |

*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

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