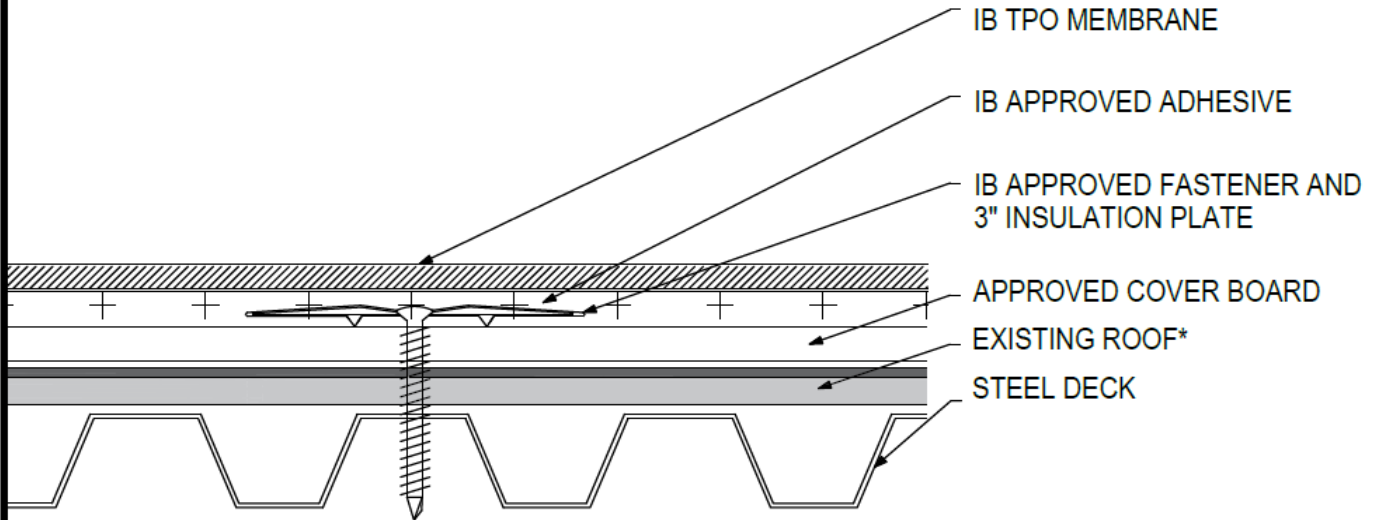


Adhered TPO Membrane - Cover Board (MA) - Existing Roof - Steel Deck (Recover)



Deck Type	Cover Board (over Existing Roof) ¹			IB Membrane Securement ^{**}
	Type ^{2,3}	Attachment	Fastener/Plate ^{***}	Attachment [†]
Min. 22 ga. Type B Grade 33 Steel	Approved Cover Board	8 per 4' x 8' (1 per 4.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Cover Board	10 per 4' x 8' (1 per 3.2 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Cover Board	12 per 4' x 8' (1 per 2.67 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Cover Board	16 per 4' x 8' (1 per 2.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Cover Board	12 per 4' x 8' (1 per 2.67 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Cover Board	16 per 4' x 8' (1 per 2.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Cover Board	20 per 4' x 8' (1 per 1.6 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive [†]
Min. 22 ga. Type B Grade 80 Steel	Approved Cover Board	24 per 4' x 8' (1 per 1.3 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive

¹Existing Roof: APP or SBS modified bitumen, smooth or granule surfaced asphaltic built-up roof, or single-ply membrane (CPA, CSPE, EPDM, PVC, or TPO).
²Approved Cover Board: DensDeck Prime, DensDeck ProFast Prime, DensDeck StormX Prime, Securock Ultralight Coated Glass-Mat, Securock Gypsum Fiber 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.
³The use of some IB Approved Cover Boards may not achieve UL Classification.
[†]Approved Adhesive: IB TPO Water Based Adhesive, IB TPO Bonding Adhesive, IB TPO LVOC Adhesive, IB TPO CA LVOC 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.

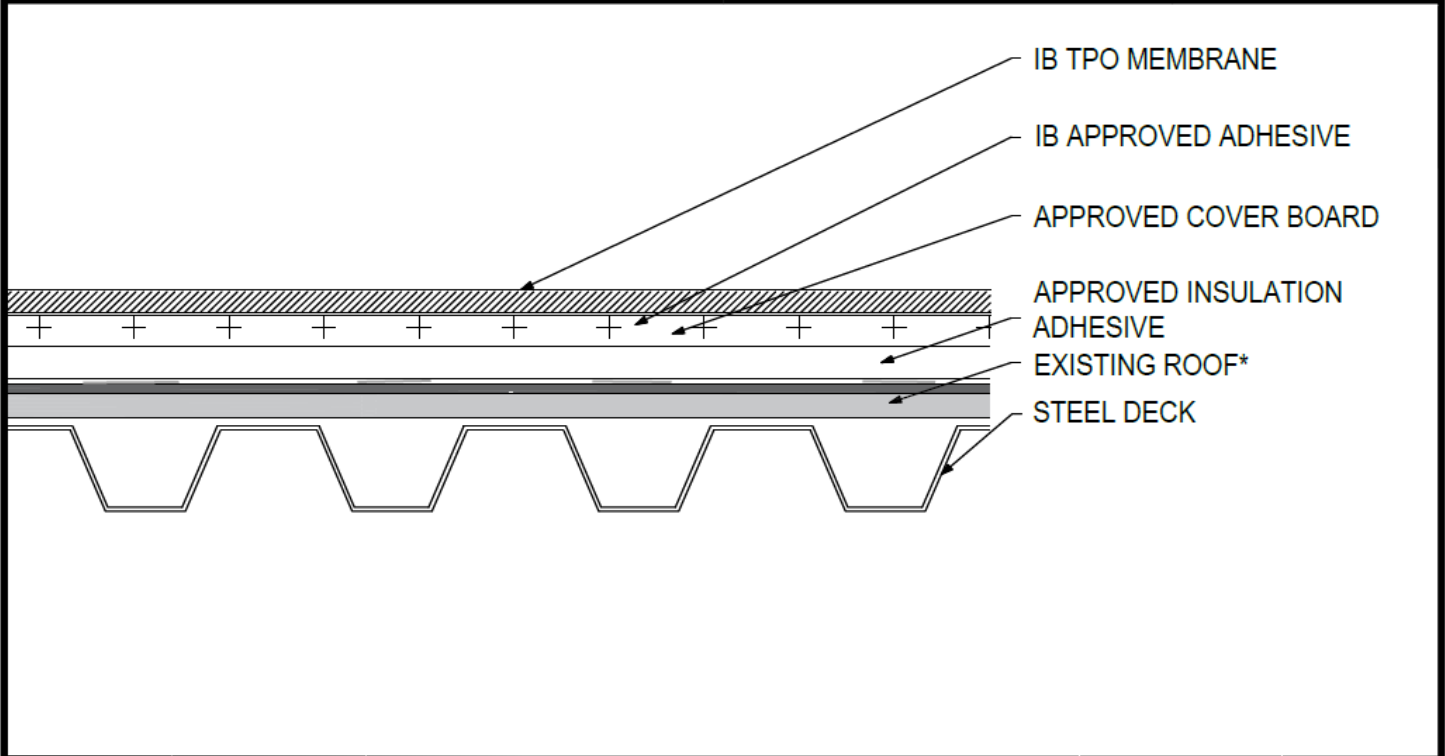
Membranes:		Membrane Color:			Warranty Length ^{**}				Warranty Type ^{**}		
IB TPO SM 60 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year	Contractor Warranty Only				
IB TPO SM 80 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year	Total Systems - No Dollar Limit (TSW)				
IB TPO FB 115 Mil	White*				10 Year	15 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 (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:

Adhered TPO Membrane - Cover Board (RB) - Existing Roof - Steel Deck (Recover)



Deck Type	Cover Board (over Existing Roof) ¹			IB Membrane Securement ²
	Type ^{2,3}	Insulation Adhesive ⁴	Pattern ^{3,5}	Attachment ⁵
Min. 22 ga. Type B Grade 33 Steel	Approved Cover Board	Approved Insulation Adhesive	Min. Four Continuous Ribbons, 12" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Cover Board	Approved Insulation Adhesive	Min. Four Continuous Ribbons, 12" oc.	IB Approved Adhesive

¹Existing Roof: APP or SBS modified bitumen, smooth or granule surfaced asphaltic built-up roof.
²Approved Cover Board: DensDeck Prime, DensDeck StormX Prime, Securock Ultralight Coated Glass-Mat, Securock Gypsum Fiber 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.
³The use of some IB Approved Cover Boards may not achieve UL Classification.
⁴Approved 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.
⁵Approved Membrane Adhesive: IB TPO Water Based Adhesive, IB TPO Bonding Adhesive, IB TPO LVOC Adhesive, IB TPO CA LVOC 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.

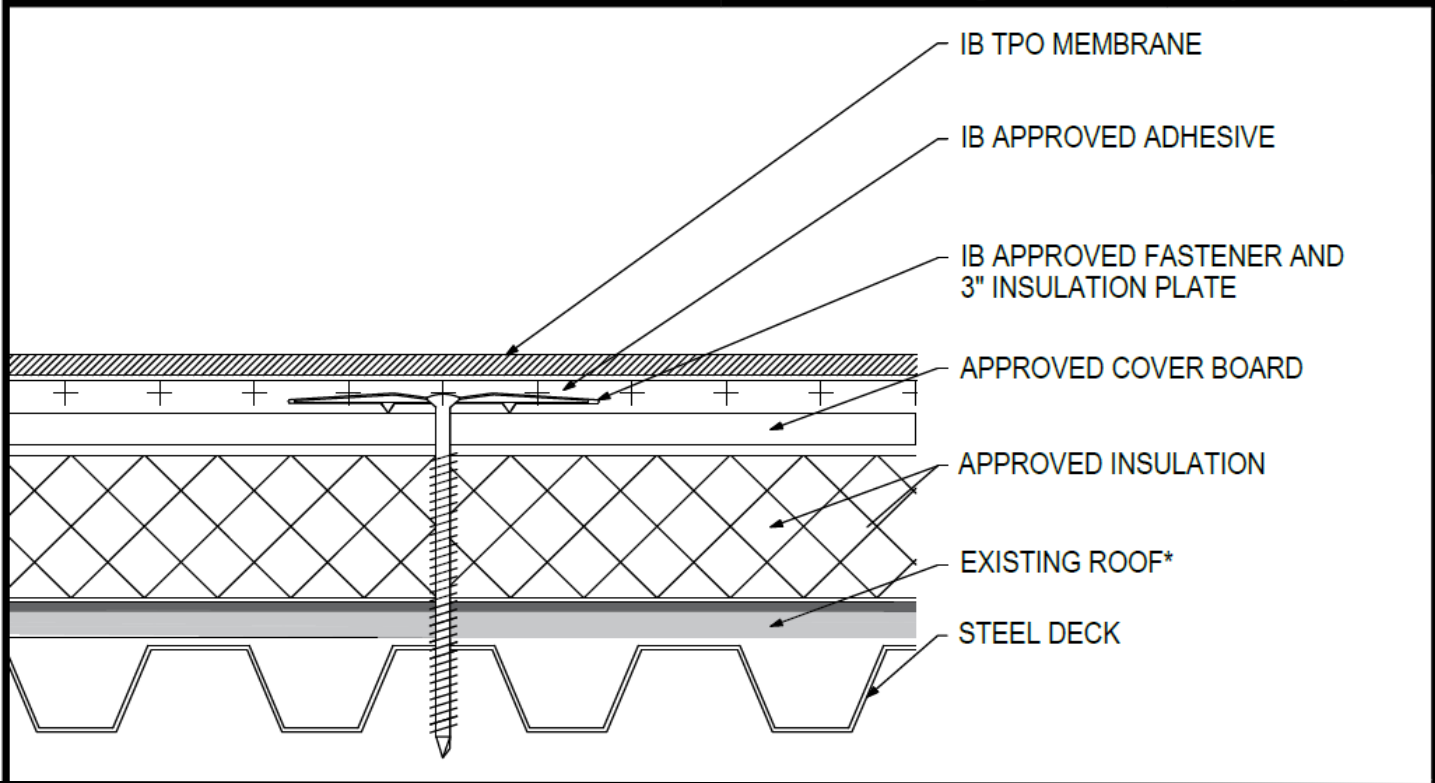
Membranes:		Membrane Color:			Warranty Length ^{**}			Warranty Type ^{**}	
IB TPO SM 60 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year	Contractor Warranty Only		
IB TPO SM 80 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year	Total Systems - No Dollar Limit (TSW)		
IB TPO FB 115 Mil	White*				10 Year	15 Year	20 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 (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:	

Adhered TPO Membrane - Cover Board (MA) - Insulation (MA) - Existing Roof - Steel Deck (Recover)



Deck Type	Insulation/Cover Board (over Existing Roof) ¹			IB Membrane Securement ²
	Type ^{2,3,4}	Attachment	Fastener/Plate ^{3,4}	Attachment ⁵
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation & Approved Cover Board	8 per 4' x 8' (1 per 4.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation & Approved Cover Board	10 per 4' x 8' (1 per 3.2 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation & Approved Cover Board	12 per 4' x 8' (1 per 2.67 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation & Approved Cover Board	16 per 4' x 8' (1 per 2.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation & Approved Cover Board	12 per 4' x 8' (1 per 2.67 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation & Approved Cover Board	16 per 4' x 8' (1 per 2.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation & Approved Cover Board	20 per 4' x 8' (1 per 1.6 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation & Approved Cover Board	24 per 4' x 8' (1 per 1.3 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive

¹Existing Roof: APP or SBS modified bitumen, smooth or granule surfaced asphaltic built-up roof, or single-ply membrane (CPA, CSPE, EPDM, PVC, or TPO).
²Approved 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.
³Approved Cover Board: DensDeck Prime, DensDeck ProFast Prime, DensDeck StormX Prime, Securock Ultralight Coated Glass-Mat, Securock Gypsum Fiber 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.
⁴The use of some IB Approved Insulations and/or Cover Boards or combinations thereof may not achieve UL Classification.
⁵Approved Adhesive: IB TPO Water Based Adhesive, IB TPO Bonding Adhesive, IB TPO LVOC Adhesive, IB TPO CA LVOC 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.

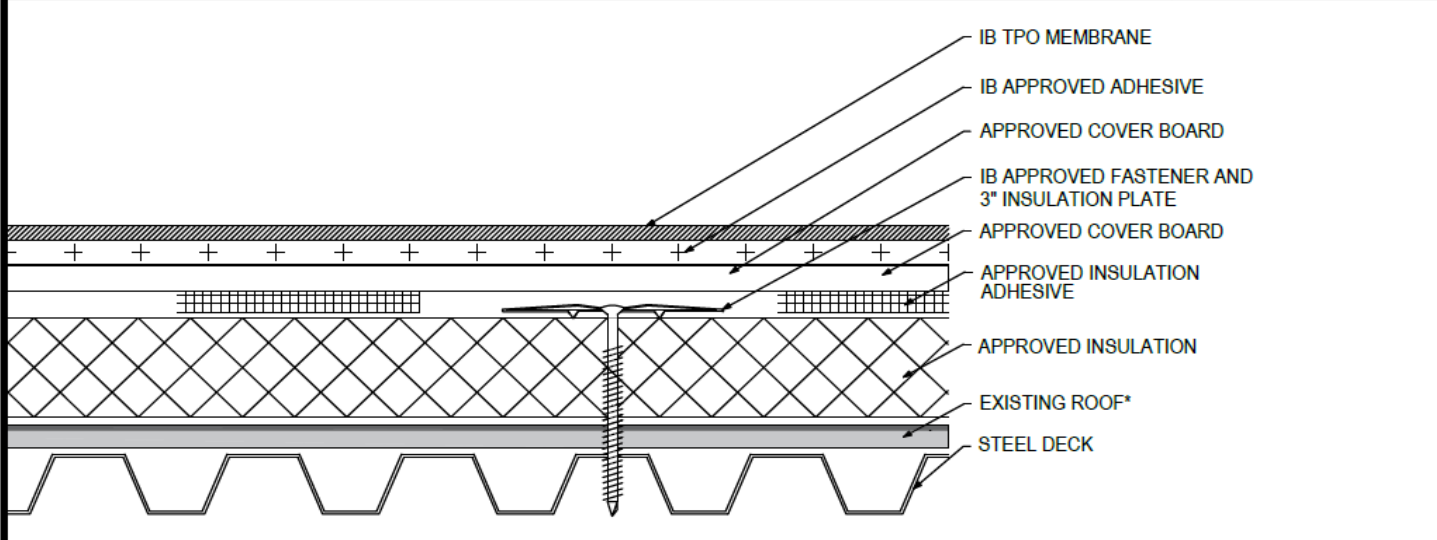
Membranes:		Membrane Color:			Warranty Length ^{**}			Warranty Type ^{**}	
IB TPO SM 60 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year	Contractor Warranty Only		
IB TPO SM 80 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year	Total Systems - No Dollar Limit (TSW)		
IB TPO FB 115 Mil	White*			10 Year	15 Year	20 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 (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:

Adhered TPO Membrane - Cover Board (RB) - Insulation (MA) - Existing Roof - Steel Deck (Recover)



Deck Type	Insulation (over Existing Roof) ¹			Cover Board			IB Membrane Securement ^{**}
	Type ^{2,4}	Attachment	Fastener/Plate ^{***}	Type ^{3,4}	Adhesive Type ⁵	Pattern ^{***}	Attachment ⁶
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation	8 per 4' x 8' (1 per 4.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation	10 per 4' x 8' (1 per 3.2 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation	12 per 4' x 8' (1 per 2.67 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation	16 per 4' x 8' (1 per 2.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation	12 per 4' x 8' (1 per 2.67 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation	16 per 4' x 8' (1 per 2.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation	20 per 4' x 8' (1 per 1.6 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation	24 per 4' x 8' (1 per 1.3 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	IB Approved Adhesive

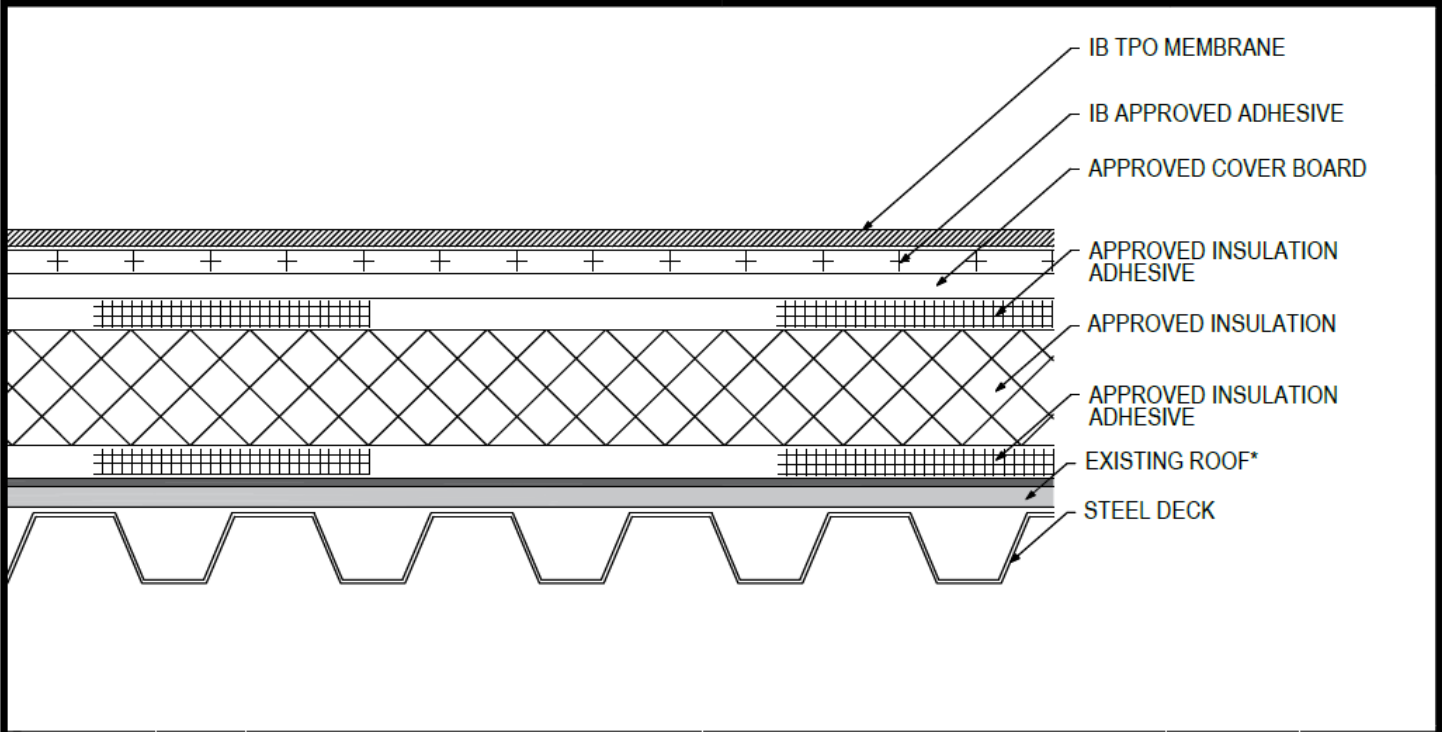
¹Existing Roof: APP or SBS modified bitumen, smooth or granule surfaced asphaltic built-up roof, or single-ply membrane (CPA, CSPE, EPDM, PVC, or TPO).
²Approved Insulation: IB Energy Board II or III, or IB Approved UL Classified Polyisocyanurate, IB Approved UL Classified Expanded Polystyrene, IB Approved UL Classified Extruded Polystyrene Insulation.
³Approved Cover Board: DensDeck Prime, DensDeck StormX Prime, Securock UltraLight Coated Glass-Mat, Securock Gypsum Fiber 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.
⁴The use of some IB Approved Insulations and/or Cover Boards or combinations thereof 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 CA LVOC 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
IB TPO SM 80 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 (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:

Adhered TPO Membrane - Cover Board (RB) - Insulation (RB) - Existing Roof - Steel Deck (Recover)



Deck Type	Insulation (over Existing Roof) ¹			Cover Board			IB Membrane Securement ^{**}
	Type ^{2,4}	Attachment	Fastener/Plate ^{***}	Type ^{3,4}	Adhesive Type ⁵	Pattern ^{***}	Attachment ⁶
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	IB Approved Adhesive

¹Existing Roof: APP or SBS modified bitumen, smooth or granule surfaced asphaltic built-up roof.
²Approved 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.
³Approved Cover Board: DensDeck Prime, DensDeck StormX Prime, Securock Ultralight Coated Glass-Mat, Securock Gypsum Fiber 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.
⁴The use of some IB Approved Insulations and/or Cover Boards or combinations thereof 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 CA LVOC 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.**

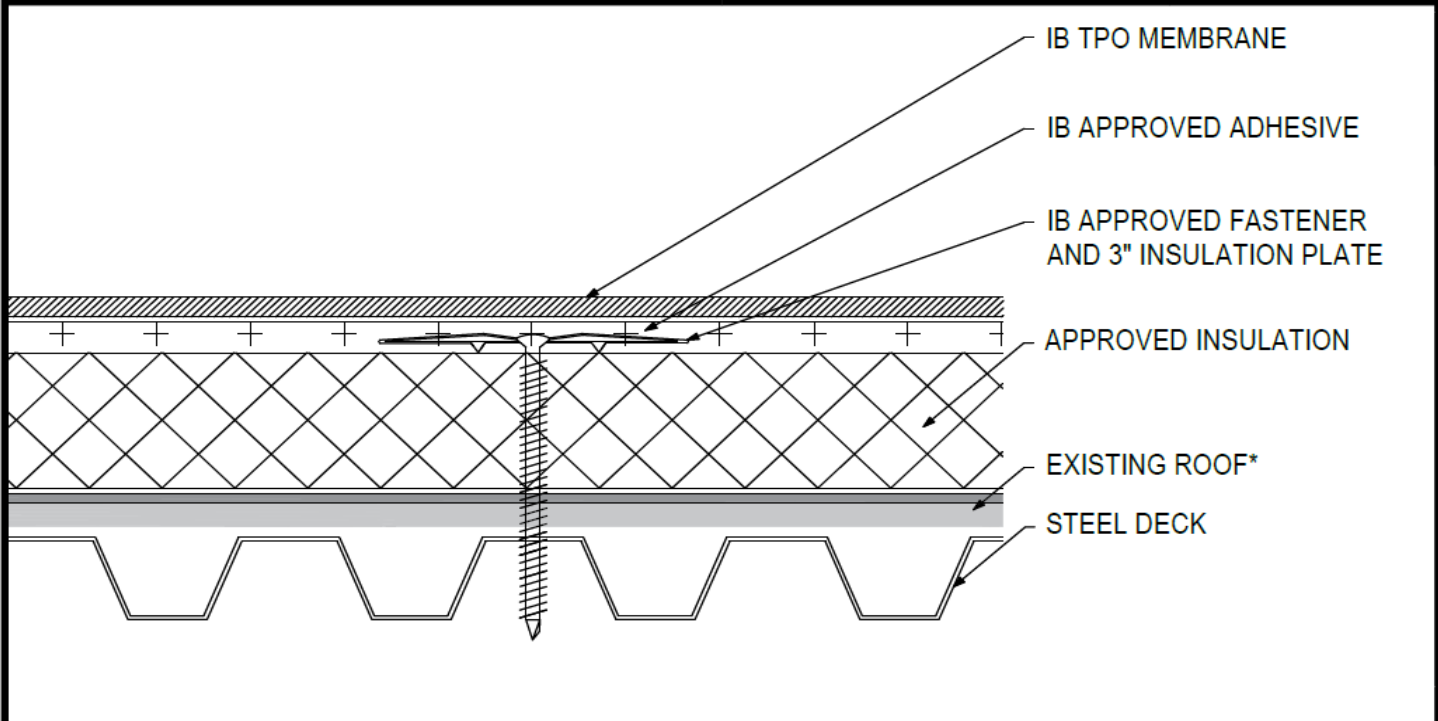
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Membranes:		Membrane Color:			Warranty Length ^{**}				Warranty Type ^{**}	
IB TPO SM 60 Mil	White*	Gray		Tan	10 Year	15 Year	20 Year		Contractor Warranty Only	
IB TPO SM 80 Mil	White*	Gray		Tan	10 Year	15 Year	20 Year		Total Systems - No Dollar Limit (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 (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:	

Adhered TPO Membrane - Insulation (MA) - Existing Roof - Steel Deck (Recover)



Deck Type	Insulation (over Existing Roof) ¹			IB Membrane Securement ^{**}
	Type ^{2,3}	Attachment	Fastener/Plate ^{***}	Attachment ⁴
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation	8 per 4' x 8' (1 per 4.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation	10 per 4' x 8' (1 per 3.2 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation	12 per 4' x 8' (1 per 2.67 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation	16 per 4' x 8' (1 per 2.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation	12 per 4' x 8' (1 per 2.67 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation	16 per 4' x 8' (1 per 2.0 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation	20 per 4' x 8' (1 per 1.6 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation	24 per 4' x 8' (1 per 1.3 sq. ft.)	IB SD #12 or HD #14, IB 3" Insulation Plate	IB Approved Adhesive

¹Existing Roof: APP or SBS modified bitumen, smooth or granule surfaced asphaltic built-up roof, or single-ply membrane (CPA, CSPE, EPDM, PVC, or TPO).

²Approved Insulation: IB Energy Board II or III, or IB Approved UL Classified Polyisocyanurate.

³The use of some IB Approved Insulations may not achieve UL Classification.

⁴Approved Membrane Adhesive: IB TPO Water Based Adhesive, IB TPO Bonding Adhesive, IB TPO LVOC Adhesive, IB TPO CA LVOC 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.

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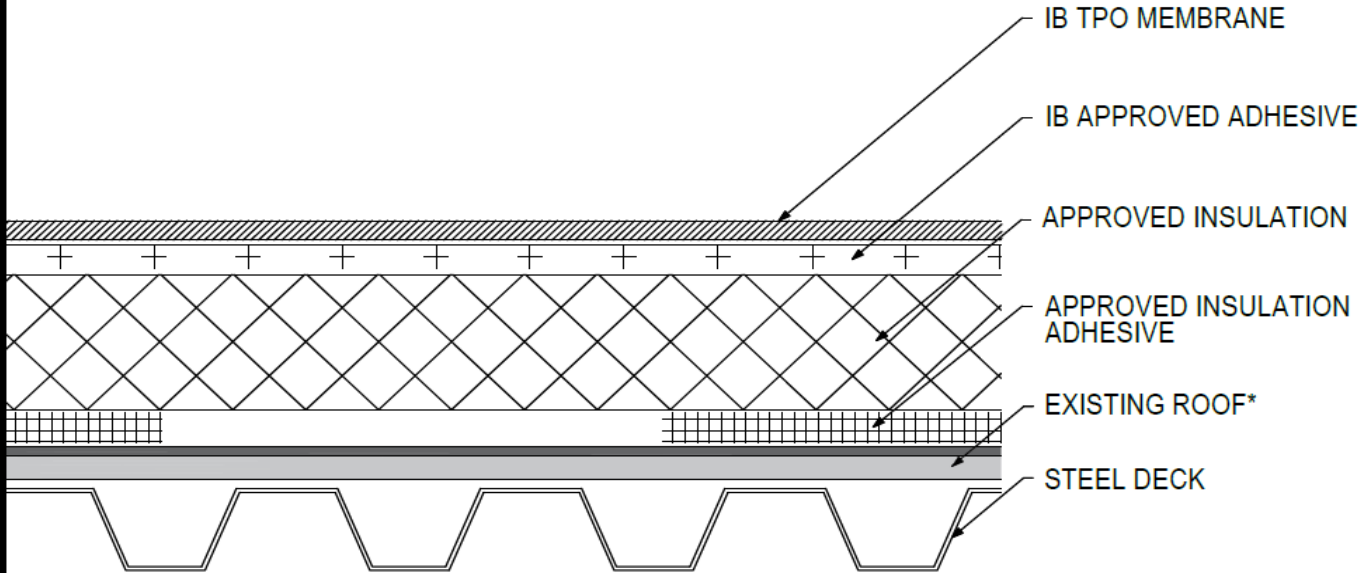
Membranes:		Membrane Color:			Warranty Length ^{**}				Warranty Type ^{**}	
IB TPO SM 60 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year	Contractor Warranty Only			
IB TPO SM 80 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year	Total Systems - No Dollar Limit (TSW)			
IB TPO FB 115 Mil	White*				10 Year	15 Year	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 (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:

Adhered TPO Membrane - Insulation (RB) - Existing Roof - Steel Deck (Recover)



Deck Type	Insulation (over Existing Roof) ¹			IB Membrane Securement ^{**}
	Type ^{2,3}	Insulation Adhesive ⁴	Pattern	Attachment ⁵
Min. 22 ga. Type B Grade 33 Steel	Approved Insulation	Approved Insulation Adhesive	Min. Four Continuous Ribbons, 12" oc.	IB Approved Adhesive
Min. 22 ga. Type B Grade 80 Steel	Approved Insulation	Approved Insulation Adhesive	Min. Four Continuous Ribbons, 12" oc.	IB Approved Adhesive

¹Existing Roof: APP or SBS modified bitumen, smooth or granule surfaced asphaltic built-up roof.
²Approved Insulation: IB Energy Board II or III, or IB Approved UL Classified Polyisocyanurate.
³The use of some IB Approved Insulations may not achieve UL Classification.
⁴Approved 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.
⁵Approved Membrane Adhesive: IB TPO Water Based Adhesive, IB TPO Bonding Adhesive, IB TPO LVOC Adhesive, IB TPO CA LVOC 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
IB TPO SM 80 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)
*Meets CRRC, Title 24, LEED (SRI)					Residential Limited Material Warranty (RLMW)

^{**}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: