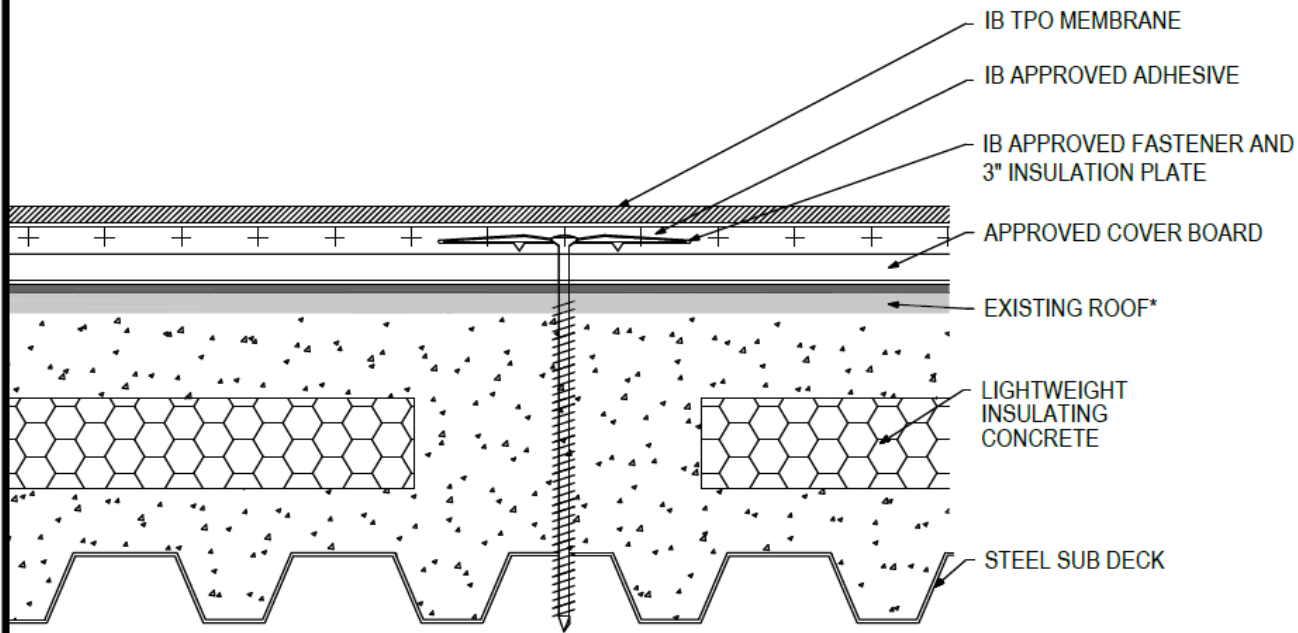


**Adhered TPO Membrane - Cover Board (MA) - Existing Roof - LWIC Deck (Recover)**


Deck Type	Cover Board (over Existing Roof) <sup>1</sup>			IB Membrane Securement <sup>**</sup>
	Type <sup>2,3</sup>	Attachment	Fastener/Plate <sup>***</sup>	Attachment <sup>4</sup>
Lightweight Concrete / 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
Lightweight Concrete / 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
Lightweight Concrete / 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
Lightweight Concrete / 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
Lightweight Concrete / 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
Lightweight Concrete / 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

<sup>1</sup>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).  
<sup>2</sup>Approved 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.  
<sup>3</sup>The use of some IB Approved Cover Boards may not achieve UL Classification.  
<sup>4</sup>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.**

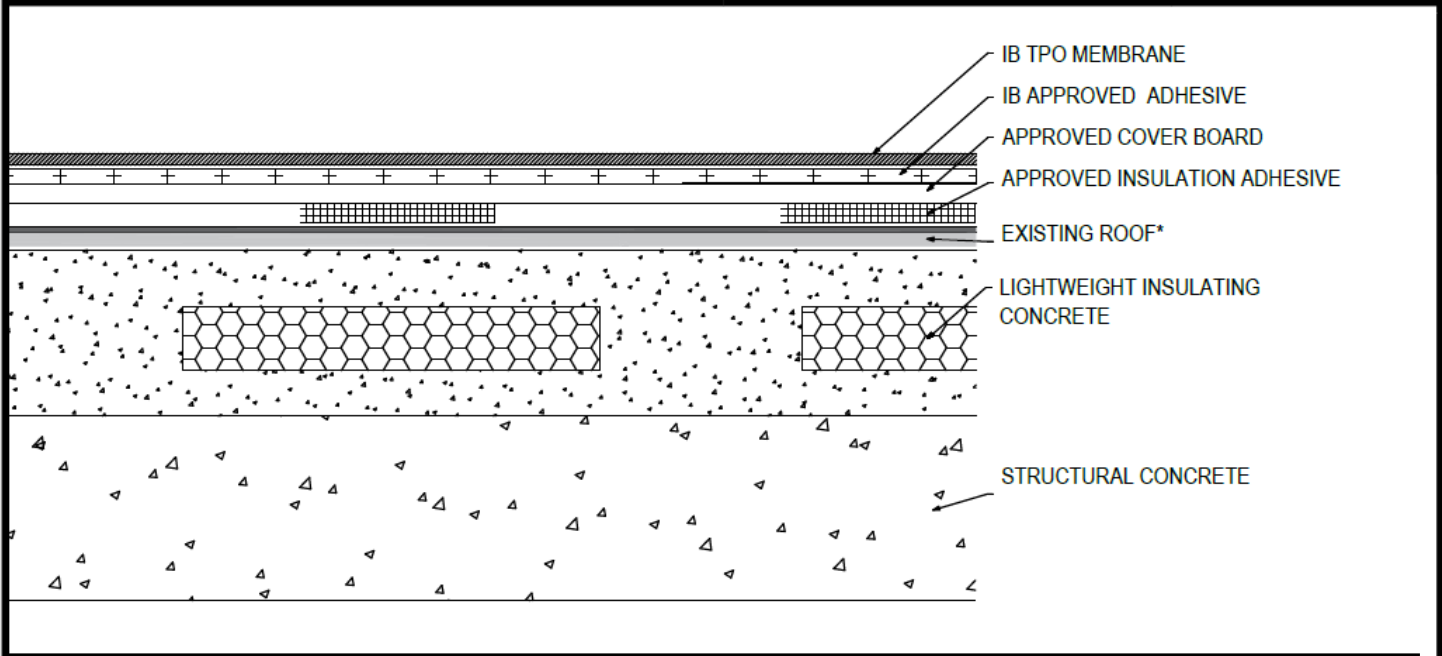
For additional information about IB Roof Systems requirements, recommendations, installation details, approvals, and limitations for the above assemblies, please refer to the latest edition of the IB Roof Systems Specifications Manual. For Technical Services please contact IB Technical Department at 800-426-1626.

Membranes:	Membrane Color:	Warranty Length <sup>**</sup>	Warranty Type <sup>**</sup>
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 - LWIC Deck (Recover)**


Deck Type		Cover Board (over Existing Roof) <sup>1</sup>			IB Membrane Securement <sup>**</sup>
Sub-Deck	Top Deck	Type <sup>2,3</sup>	Insulation Adhesive <sup>4</sup>	Pattern <sup>***</sup>	Attachment <sup>5</sup>
Structural Concrete	Lightweight Concrete	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	IB Approved Adhesive
Structural Concrete	Lightweight Concrete	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	IB Approved Adhesive

<sup>2</sup>**Approved 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.

<sup>3</sup>The use of some IB Approved Cover Boards may not achieve UL Classification.

<sup>4</sup>**Approved Insulation Adhesive:** Rapid Set Adhesive, Rapid Set PG Foam, Rapid Set ECO Spray Foam, Rapid Set ECO<sub>2</sub> Spray Foam, Millennium One Step, Millennium PG-1 SAF Pump Grade, Millennium PG-1 EF ECO, Millennium PG-1 EF ECO<sub>2</sub>, OB500 Adhesive Fastener, OB500 Cannister, or TruFast Roofing Adhesive.

<sup>5</sup>**Approved 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):** <sup>\*\*</sup>Refer to applicable Approval Guide for System Code and/or FM Approvals Information. <sup>\*\*\*</sup>Refer to Substrate Resistance Table for required pull-out values.

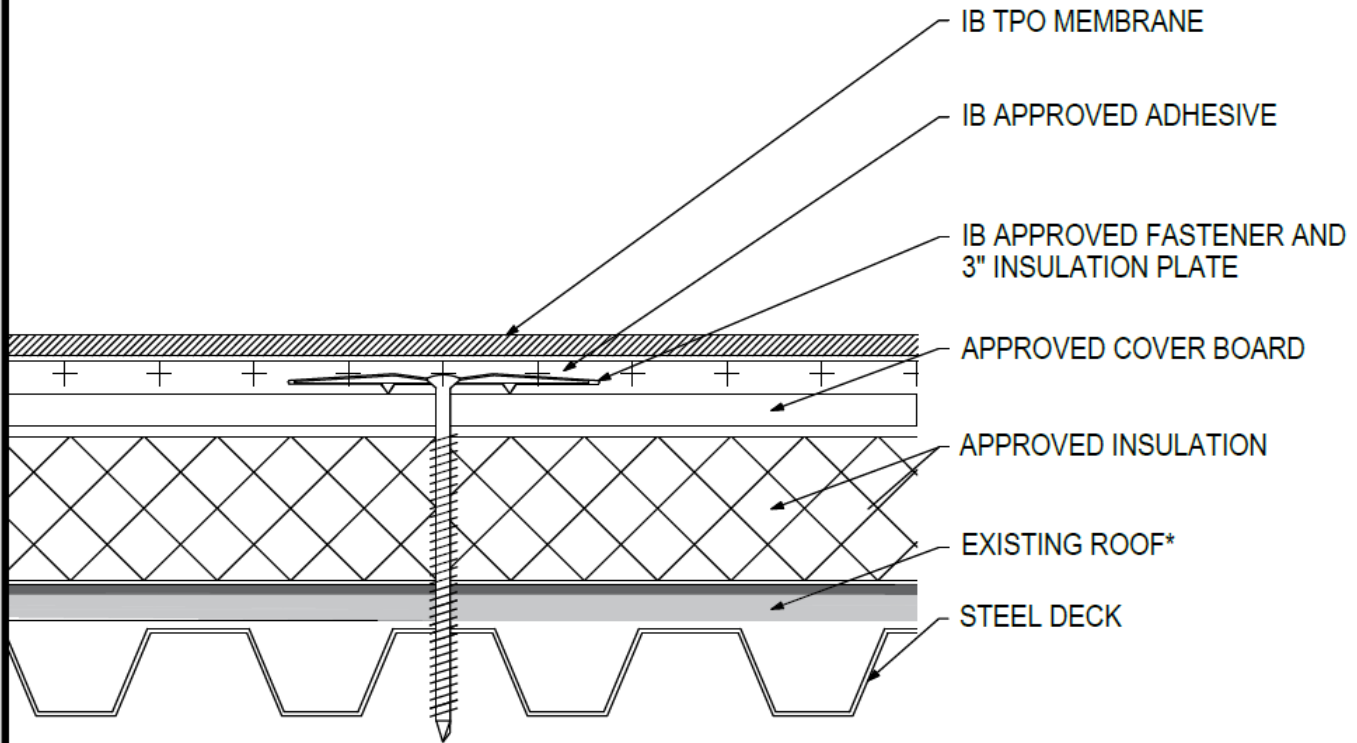
For additional information about IB Roof Systems requirements, recommendations, installation details, approvals, and limitations for the above assemblies, please refer to the latest edition of the IB Roof Systems Specifications Manual. For Technical Services please contact IB Technical Department at 800-426-1626.

Membranes:		Membrane Color:			Warranty Length <sup>**</sup>				Warranty Type <sup>**</sup>	
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)

<sup>\*\*</sup>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) <sup>1</sup>			IB Membrane Securement**
	Type <sup>2,3,4</sup>	Attachment	Fastener/Plate <sup>***</sup>	
Lightweight Concrete / 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
Lightweight Concrete / 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
Lightweight Concrete / 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
Lightweight Concrete / 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
Lightweight Concrete / 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
Lightweight Concrete / 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

<sup>1</sup>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).  
<sup>2</sup>Approved 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.  
<sup>3</sup>Approved 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.  
<sup>4</sup>The use of some IB Approved Insulations and/or Cover Boards or combinations thereof may not achieve UL Classification.  
<sup>5</sup>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)

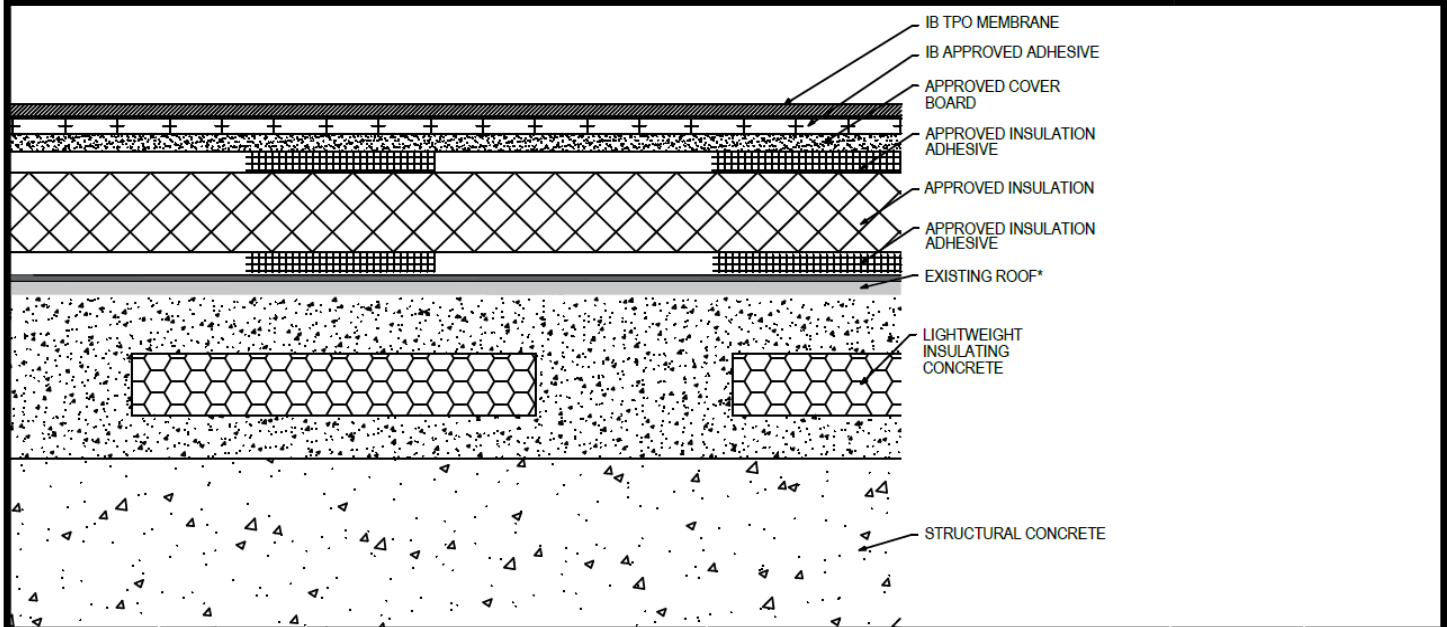
\*\*Refer to Warranty Selection Guide for Warranty Riders, Term Length Limitations, and eligibility requirements of the IB Warranty Program

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



**FA-CB<sub>RB</sub>-IN<sub>RB</sub>-EX-LWIC**

**Adhered TPO Membrane - Cover Board (RB) - Insulation (RB) - Existing Roof - Lightweight Insulating Concrete (Recover)**



Deck Type		Insulation (over Existing Roof) <sup>1</sup>			Cover Board			IB Membrane Securement <sup>6**</sup>
Sub-Deck	Top Deck	Type <sup>2,4</sup>	Attachment	Pattern <sup>***</sup>	Type <sup>3,4</sup>	Adhesive Type <sup>5</sup>	Pattern <sup>***</sup>	Attachment <sup>6</sup>
Structural Concrete	Lightweight Concrete	Approved Insulation	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	IB Approved Adhesive
Structural Concrete	Lightweight Concrete	Approved Insulation	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	Approved Cover Board	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	IB Approved Adhesive

<sup>1</sup>Existing Roof: APP or SBS modified bitumen, smooth or granule surfaced asphaltic built-up roof only.  
<sup>2</sup>Approved 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.  
<sup>3</sup>Approved 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.  
<sup>4</sup>The use of some IB Approved Insulations and/or Cover Boards or combinations thereof may not achieve UL Classification.  
<sup>5</sup>Approved Insulation Adhesive: Rapid Set Adhesive, Rapid Set PG Foam, Rapid Set ECO Spray Foam, Rapid Set ECO<sub>2</sub> Spray Foam, Millennium One Step, Millennium PG-1 SAF Pump Grade, Millennium PG-1 EF ECO, Millennium PG-1 EF ECO<sub>2</sub>, OB500 Adhesive Fastener, OB500 Cannister, or TruFast Roofing Adhesive.  
<sup>6</sup>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.**

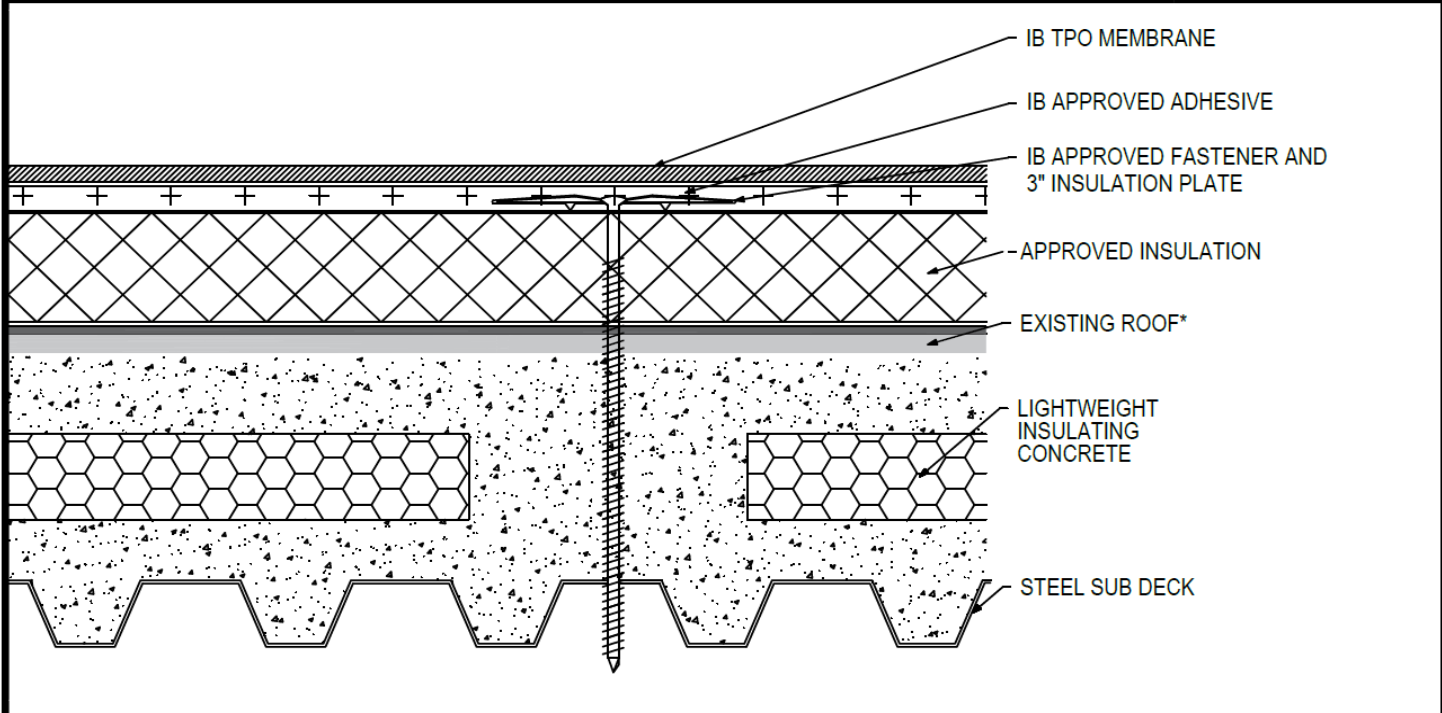
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Membranes:		Membrane Color:			Warranty Length**				Warranty Type*	
IB TPO SM 60 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year			Contractor Warranty Only	
IB TPO SM 80 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year			Total Systems - No Dollar Limit (TSW)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



Deck Type	Insulation (over Existing Roof) <sup>1</sup>			IB Membrane Securement <sup>**</sup>
	Type <sup>2,3</sup>	Attachment	Fastener/Plate <sup>***</sup>	Attachment <sup>4</sup>
Lightweight Concrete/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
Lightweight Concrete/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
Lightweight Concrete/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
Lightweight Concrete/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
Lightweight Concrete/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
Lightweight Concrete/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

<sup>1</sup>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).

<sup>2</sup>Approved Insulation: IB Energy Board II or III, or IB Approved UL Classified Polyisocyanurate.

<sup>3</sup>The use of some IB Approved Insulations may not achieve UL Classification.

<sup>4</sup>Approved 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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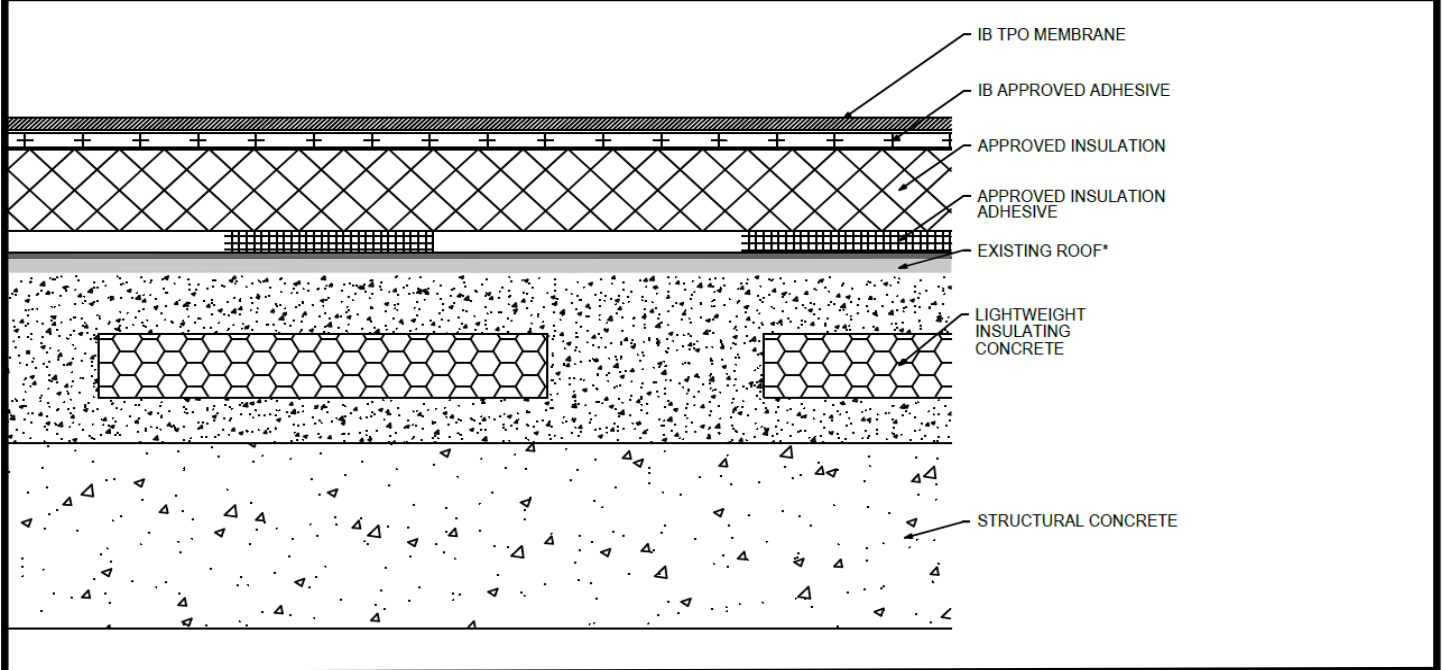
Membranes:		Membrane Color:			Warranty Length <sup>**</sup>				Warranty Type <sup>**</sup>	
IB TPO SM 60 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year			Contractor Warranty Only	
IB TPO SM 80 Mil	White*	Gray	Tan	10 Year	15 Year	20 Year			Total Systems - No Dollar Limit (TSW)	
IB TPO FB 115 Mil	White*			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 - LWIC Deck (Recover)**



Deck Type		Insulation (over Existing Roof) <sup>1</sup>			IB Membrane Securement <sup>**</sup>
Sub-Deck	Top Deck	Type <sup>2,3</sup>	Insulation Adhesive <sup>4</sup>	Pattern	Attachment <sup>5</sup>
Structural Concrete	Lightweight Concrete	Approved Insulation	Approved Insulation Adhesive	Continuous Ribbons, 12" oc.	IB Approved Adhesive
Structural Concrete	Lightweight Concrete	Approved Insulation	Approved Insulation Adhesive	Continuous Ribbons, 6" oc.	IB Approved Adhesive

<sup>1</sup>Existing Roof: APP or SBS modified bitumen, smooth or granule surfaced asphaltic built-up roof only.

<sup>2</sup>Approved Insulation: IB Energy Board II or III, or IB Approved UL Classified Polyisocyanurate

<sup>3</sup>The use of some IB Approved Insulations may not achieve UL Classification.

<sup>4</sup>Approved Insulation Adhesive: Rapid Set Adhesive, Rapid Set PG Foam, Rapid Set ECO Spray Foam, Rapid Set ECO<sub>2</sub> Spray Foam, Millennium One Step, Millennium PG-1 SAF Pump Grade, Millennium PG-1 EF ECO, Millennium PG-1 EF ECO<sub>2</sub>, OB500 Adhesive Fastener, OB500 Cannister, or TruFast Roofing Adhesive

<sup>5</sup>Approved 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): <sup>\*\*</sup>Refer to applicable Approval Guide for System Code and/or FM Approvals Information. <sup>\*\*\*</sup>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 <sup>**</sup>			Warranty Type <sup>**</sup>	
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	10 Year	15 Year	20 Year				
IB TPO FB 115 Mil	White*			10 Year	15 Year	20 Year				
IB TPO FB 135 Mil	White*			10 Year	15 Year	20 Year				

\*Meets CRRC, Title 24, LEED (SRI)

<sup>\*\*</sup>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: