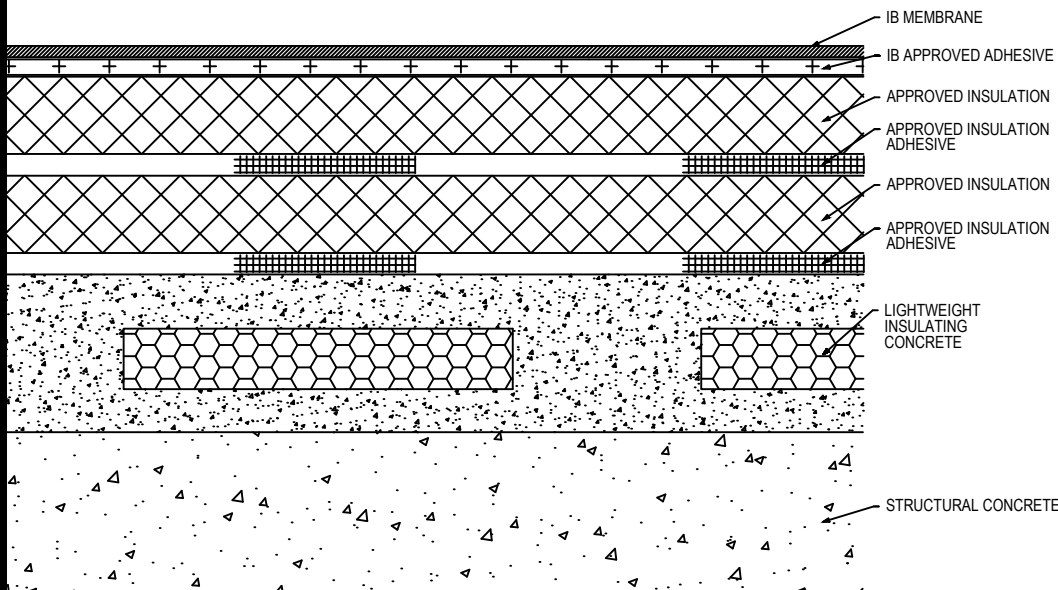







Fully Adhered Membrane - Insulation (RB) - Insulation (RB) - Lightweight Insulating Concrete (Tear-Off)


Fire Rating / Max. Slope		Deck Type		Insulation			Cover Board			IB Membrane Attachment	Max. Design Pressure**
		Sub-Deck	LWIC	Type	Adhesive	Pattern	Type	Insulation Adhesive	Pattern		
	1'Class 'A' Unlimited	Structural Concrete	Lightweight Concrete	Approved Insulation	BM, CR20, OB500, OSFA, PG1, or RSIA	Four continuous ribbons, 12" o.c.	Approved Insulation	BM, CR20, OB500, OSFA, PG1, or RSIA	Four continuous ribbons, 12" o.c.	IB Approved Adhesive	Minimum Req for IB Warranty
	1'Class 'A' Unlimited	Structural Concrete	Min 200 psi 2" thick, Celcore	Min. 1.5" EnergyBoard II or AC Foam II Insulation	CR20	Four continuous ribbons, 12" o.c.	Min. 1.5" EnergyBoard II or AC Foam II Insulation	CR20	Four continuous ribbons, 12" o.c.	IB Approved Adhesive	-215.0 psf (Class 430)
	1'Class 'A' Unlimited	Structural Concrete	Min 200 psi 2" thick, Elastizell	Min. 1.5" EnergyBoard II or AC Foam II Insulation	CR20	Four continuous ribbons, 12" o.c.	Min. 1.5" EnergyBoard II or AC Foam II Insulation	CR20	Four continuous ribbons, 12" o.c.	IB Approved Adhesive	-180.0 psf (Class 360)
	1'Class 'A' Unlimited	Structural Concrete	Min 200 psi 2" thick, Elastizell	Min. 1.5" EnergyBoard II or AC Foam II Insulation	OB500	Four continuous ribbons, 12" o.c.	Min. 1.5" EnergyBoard II or AC Foam II Insulation	OB500	Four continuous ribbons, 12" o.c.	IB Approved Adhesive	-215.0 psf (Class 430)
	1'Class 'A' Unlimited	Structural Concrete	Min 200 psi 2" thick, Mearlcrete	Min. 1.0" EnergyBoard II or III, AC Foam II or III, H-Shield or H-Shield CG Insulation	CR20	Four continuous ribbons, 12" o.c.	Min. 1.0" EnergyBoard II or III, AC Foam II or III, H-Shield or H-Shield CG Insulation	CR20	Four continuous ribbons, 12" o.c.	IB Approved Adhesive	-215.0 psf (Class 430)

Approved Lightweight Concrete: Celcore = Min. 200 psi, min. 2" thick Celcore Cellular Concrete over Structural Concrete, Elastizell = Min 200 psi, min 2" thick Elastizell Lightweight Insulating Concrete over Structural Concrete, Mearlcrete = Min 200 psi, min. 2" thick Mearlcrete over Structural Concrete.

Approved Insulation: Minimum 1-inch thickness - IB EnergyBoard II or III, H-Shield or H-Shield CG; or IB Approved UL Classified Polyisocyanurate

Approved Insulation Adhesive: BM = Polyset BoardMax, CR-20 = Polyset CR-20, OB500 = OlyBond 500 Adhesive Fastener, OSFA = Millennium One-Step Foamable Adhesive; PG-1 = Millennium PG-1 Pump Grade Adhesive; or RSIA = IB Rapid Set Insulation Adhesive; maximum bead spacing 12" o.c.

Fire Classification Note(s): 1'UL Class 'A' up with unlimited slope when utilized with any UL Classified insulation, any thickness and membrane adhered with IB Vertibond 432 Bonding Adhesive at 1-gal/60-ft² or IB Water Borne 636 Adhesive at 1-gal/140-ft² 2'UL Class 'A' up to 1-1/2":12" when utilized with IB Energy Board II, IB Energy Board III, AC Foam II, AC Foam III, any thickness and membrane adhered with IB WaterBorne Adhesive.3 The use of other IB Approved Insulations and or adhesives may not achieve 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 us at 800-426-1626.

Membranes:	Membrane Color:	Warranty Length***	Warranty Type***
<input type="checkbox"/> IB PVC Single-Ply 50 Mil	<input type="checkbox"/> White* <input type="checkbox"/> Gray <input type="checkbox"/> Tan <input type="checkbox"/> Bronze <input type="checkbox"/> ChemGuard*	<input type="checkbox"/> 10 Year <input type="checkbox"/> 15 Year <input type="checkbox"/> 20 Year	<input type="checkbox"/> Total System - No Dollar Limit (NDL)
<input type="checkbox"/> IB PVC Single-Ply 60 Mil	<input type="checkbox"/> White* <input type="checkbox"/> Cool Sand* <input type="checkbox"/> Cool Stone* <input type="checkbox"/> Gray <input type="checkbox"/> Tan	<input type="checkbox"/> 15 Year <input type="checkbox"/> 20 Year <input type="checkbox"/> 25 Year	<input type="checkbox"/> Warranty Plus (WP)
<input type="checkbox"/> IB PVC Single-Ply 80 Mil	<input type="checkbox"/> White* <input type="checkbox"/> Gray <input type="checkbox"/> Tan <input type="checkbox"/> Bronze <input type="checkbox"/> ChemGuard*	<input type="checkbox"/> 20 Year <input type="checkbox"/> 25 Year <input type="checkbox"/> 30 Year	<input type="checkbox"/> Commercial Limited Material Warranty (CLMW)
			<input type="checkbox"/> 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:
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