

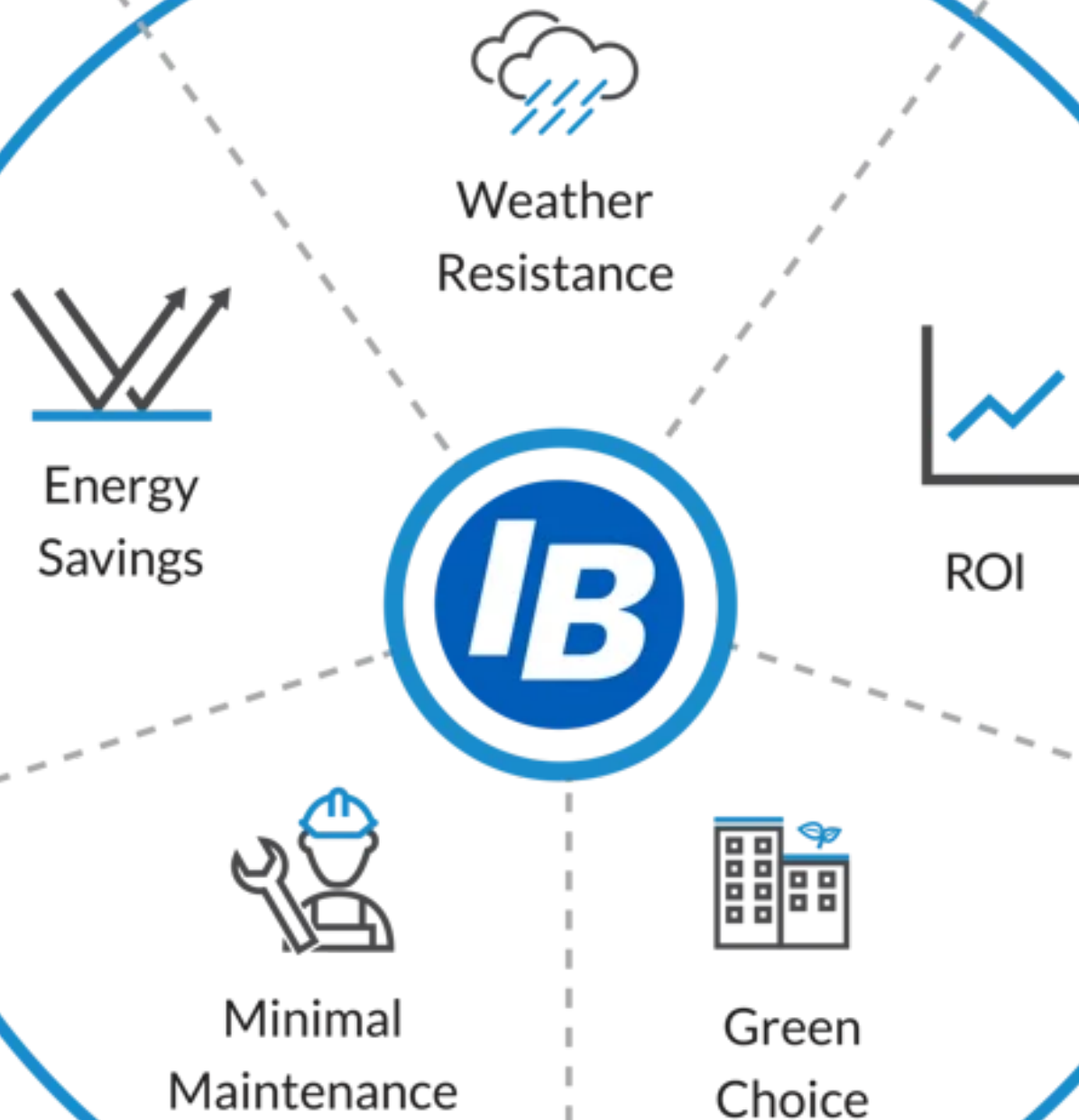


Florida LLC

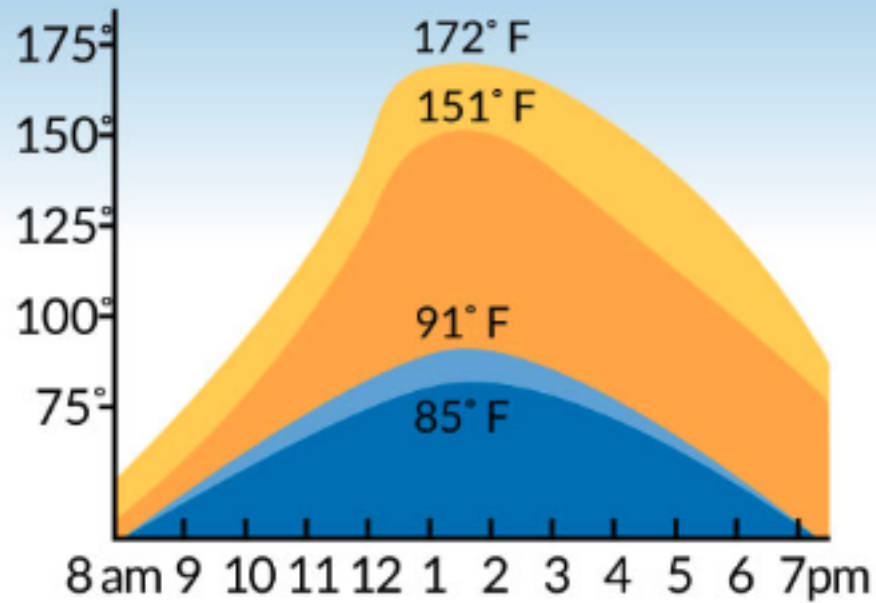
941-725-4841

www.roofmonkeys.net

A Guide and Step by Step to Budget Cover System



Heat Gain Comparison Chart



- SMOOTH BLACK ROOF
- CRUSHED STONE SURFACE
- IB WHITE MEMBRANE
- OUTSIDE TEMPERATURE



LIFETIME
RESIDENTIAL
MATERIAL
WARRANTY



**Lifetime Residential Limited
Material Warranty /
Warranty Rider**

Certificate No.

SAMPLE

PROJECT INFORMATION

Job Type:		Job Type if "Other":	
Type of Structure/Use:	Type of Structure/Building Use If Other:	Roof Size (Square Feet):	
Membrane Type:	Membrane Thickness:	Membrane Color:	
Warranty Period Term Length:	Warranty Upgrade Period:	Warranty Start/Date of Installation:	
Roofing Contractor Name:	Roofing Contractor Email:	Roofing Contractor Phone:	
Project Name:			
Project Address:		Project City:	Project State: Project Zip:
PROPERTY OWNER INFORMATION			
Building Owner Company Name:		Building Owner First Name: Building Owner Last Name:	
Building Owner Address:		Building Owner City: Building Owner State:	
Building Owner Zip Code:		Building Owner Phone: Building Owner Email:	

Our Promise: IB Roof Systems, ("IBRS"), proudly warrants that, subject to the other terms, conditions, and limitations below, IBRS will replace the affected portion of the IBRS membrane and IBRS reinforced membrane base flashing (curbs/wall edges attached to IBRS membrane) that fails due to a manufacturing defect. This Warranty is void unless the IBRS membrane and IBRS reinforced membrane base flashing (curbs/walls) has been or is intended to be installed as part of an IB Roof System. IBRS does not cover the cost to remove, dispose, re-install, construct, repair or maintain any product, improvement, or structure except to the following limited extent: The cost to replace the failed IB membrane and/or IBRS reinforced membrane base flashing with the same design and grade of membrane on an existing appropriate substrate.

Warranty Period: This Warranty commences upon the 'Date of Completion' and will last for as long as you own the home and is conditioned upon the submittal of the Warranty Registration Form (by either online registration, email or by mail) of the completed form (attached below) within 90 days of Date of Completion (the date of installation). "Lifetime" means for as long as the original owner owns the property and is alive, but if the owner is not a natural person, or the Warranty is transferred to a new owner in accordance with 'd' under "Owner's Responsibilities," then "Lifetime" means 15, 20, or 25 years from Date of Completion based on membrane thickness installed (**50 mil/15-year, 60 mil/20-year, 80 mil/25-year**). Full payment of all labor and materials supplied in connection with the IB Roof System is a condition of this Warranty. Notwithstanding the forgoing, this Warranty terminates upon transfer to a new property owner unless Section 'd' under the Owner's Responsibilities Section of this Warranty is satisfied. This Limited Warranty version is valid for roofs installed after 6/01/2022.

Owner's Responsibilities: Owner's failure to comply with the terms and conditions herein may void this Warranty.

a. If a leak is discovered. Immediately call the original roofing installer to report the leak location and severity. If suspected to be a material defect, then call IBRS' Technical Services Department at 800-426-1626 within five (5) calendar days (120 hours) of discovery and send written notice within fourteen (14) days of discovery to Attn: Warranty Department, IB Roof Systems, 506 E. Dallas Road Ste 300, Grapevine, TX 76051. Electronic notification is accepted by emailing notice to warranty@ibroof.com. **Notice to the roofing installer is not notice to IBRS.** Reporting a leak to IBRS is the owner's authorization for IBRS to investigate, including inspection of the roof as IBRS deems necessary. Any non-IBRS supplied material or equipment that impedes investigation or repair of the IB Roof System must be removed at the Owner's expense. IBRS may acknowledge and investigate Owner's notice of a potential warranty claim by issuing a warranty claim kit that requires further information from Owner. Owner must promptly provide IBRS with any information reasonably requested in the warranty claim kit. If no leak covered by this Warranty is found, Owner agrees to pay an investigation fee of \$500 within sixty (60) days of invoice. The Owner is responsible for all costs or charges not covered by this Warranty.

b. Emergency Repairs. After calling IBRS' Warranty Department, owner may, if necessary, to minimize damage to the building or its contents, perform emergency repairs at the Owner's sole expense. These repairs will not void this warranty so long as the emergency repairs were reasonable under the circumstances and do not result in permanent damage to or concealment of the IB Roof System.

c. Maintenance. Owner is responsible for reasonable general maintenance and care as outlined within our Owner's Roof Maintenance Guide such as: (i) periodic/seasonal roof inspection; (ii) removal of accumulated dirt, debris or other contaminants from roof surface and drainage outlets; and (iii) maintenance of caulks or sealants as necessary to maintain the roof in a watertight condition at flashing or membrane terminations, penetrations, and metal work in and around the IB Roof System. Owner should maintain records of inspections and maintenance. See www.ibroof.com for more information.

d. Transfer. Owner can continue this Warranty upon transfer to a subsequent owner; for the balance of any "Lifetime" Warranty Period as though no transfer occurred except the remaining balance of the warranty based upon the original thickness of the membrane chosen for the installation (**i.e. 50 mil/15-year, 60 mil/20-year, 80 mil/25-year**) from the Date of Completion (the original membrane installation date). Owner can transfer this Warranty to a subsequent owner for the remaining term only if (i) Owner provides thirty (30) days written notice of the change in ownership by filling out the Warranty Transfer Form located on the IBRS website, (www.ibroof.com), in the Warranty Transfer Section. (ii) Owner makes any repairs to the IB Roof System or other roofing and building components that are identified by IBRS as necessary to preserve the integrity of the IB Roof System; and (iii) Owner pays a transfer fee of \$250. If this Warranty was purchased as part of a \$99.00 upgrade rider, the first transfer fee is only \$150. Subsequent transfers are assessed at \$250. This Warranty is not otherwise transferable by contract or operation of law.



**Lifetime Residential Limited
Material Warranty /
Warranty Rider**

Certificate No.

SAMPLE

Exclusions from Coverage. This Warranty does not cover leaks or other conditions caused by:

- a. Natural Disaster**, such as gale force wind or hail, windfall or wind-blown debris, flood, tornado/microburst, hurricane, lightning/electrical storm, fire, earthquake, or any act of God.
 - b. Failure of substrate under the IB Roof System**, including collapse, movement, deflection, loss of insulation or R-value, excessive moisture infiltration or condensation, or failure of any portion of any underlying structure.
 - c. Change in use, abuse, or misuse**, including excessive foot traffic, staging or storage of any nature on the IB Roof System, failure of the Owner to properly maintain the roof system, or substantial change in the usage of the building without IBRS written approval. Misuse includes using any portion of the IB Roof System for any purpose other than a roof waterproofing system.
 - d. Alterations during or after installation**, including any additions, penetrations, or substantial work performed on or through the IB Roof System that is not in compliance with IBRS specifications and installation instructions.
 - e. Components** not identified as IBRS Products under "Our Promise" such as but not limited to adhesives, caulking or sealants, flashing accessories, metal materials, and other accessories contained in an IB Roof System are not covered by this Warranty.
 - f. Any building component, overburden material or component, or any material** other than the IBRS Products identified under "Our Promise", including without limitation: any component, support, attachment anchor or device bearing upon or installed through the IB Roof System that are used as part of an overburden assembly (such as equipment, walking decks, paver systems, decorative tile or topping materials, rooftop garden or solar assemblies); any seam, joint, connection, product or adhesive that ties or connects the IB Roof System to any non-IB Roof System product; and any material, component or product not supplied by IBRS.
 - g. Building design**, including but not limited to inadequate ventilation or insulation R-values, and improper placement of insulation.
 - h. Contact with incompatible products**, materials, cleaners, chemicals or compounds, environmental fallout and any other chemicals not designated as "Satisfactory" in the Chemical Compatibility Sheet that is in effect on the Date of Completion.
 - i. Animals, plants, insects, or other organisms** on or beneath the IB Roof System, including algae, bacteria, moss, fungi, lichens, mold, or mildew.
- This Warranty also does not cover discoloration, dulling, loss of reflectivity, loss of acrylic surfacing, loss of printed patterns, or accumulation or retention of dirt, dust, microbial or general pollutants.
- j. Any condition that is not in accordance with IBRS installation instructions**, (such as base flashing height or fasteners per square foot), unless specifically accepted by IBRS in writing.
 - k. Improper Installation.** IBRS' "authorized" designation of applicators in no way warrants workmanship in any particular case.

Limitation of Damages, Choice of Law & Jurisdiction

UNLESS AMENDED BY A SEPARATE IBRS WARRANTY RIDER ISSUED BY IBRS, THIS WARRANTY SUPERSEDES AND REPLACES ALL OTHER EXPRESSED (WRITTEN OR ORAL) WARRANTIES, AND THERE ARE NO IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, WHICH EXTEND BEYOND THE FACE HEREOF. THIS WARRANTY IS OWNER'S SOLE AND EXCLUSIVE REMEDY. TO THE FULLEST EXTENT PERMITTED BY LAW IBRS SHALL NOT BE LIABLE UNDER ANY THEORY OF LAW OR EQUITY (INCLUDING BUT NOT LIMITED TO NEGLIGENCE, BREACH OF WARRANTY OR STRICT LIABILITY) FOR ANY GENERAL, SPECIAL CONSEQUENTIAL, INCIDENTAL OR OTHER DAMAGES OF ANY KIND, INCLUDING BUT NOT LIMITED TO LOST PROFITS, INJURY OR DAMAGE TO ANY BUILDING OR STRUCTURE, ITS CONTENTS, OR ANY PERSON DUE TO ANY CAUSE, INCLUDING WITHOUT LIMITATION PRODUCT FAILURE, LEAKS, MOISTURE, CONDENSATION, MOLD, ORGANISMS, CHANGE IN APPEARANCE, LOSS OF REFLECTIVITY, VAPOR OR ODORS. Inspection(s) (if any) of the installation or condition of a roof are solely for IBRS' information and convenience, and any such inspection(s) shall not create any additional duty, liability, or warranty by IBRS, express or implied, nor any additional remedy for the Owner or any other person. Owner is solely responsible for the investigation and remedy of any non-covered leaks or conditions. To the extent permitted by law, this Warranty is governed by the laws of the State of Texas and the state or federal courts in Dallas or Tarrant County, Texas shall have exclusive jurisdiction and venue in all disputes against IBRS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATION OF IMPLIED WARRANTIES, OR SELECTION OF OTHER STATE'S LAWS OR FORUMS, SO THESE EXCLUSIONS AND LIMITATIONS MAY NOT APPLY TO YOU. You may have other rights not stated here, consult with the applicable law of your state or territory.

NO REPRESENTATIVE, EMPLOYEE, OR AGENT OF IBRS IS AUTHORIZED TO MODIFY THIS WARRANTY except in writing as authorized by IBRS' Technical Services Director.

THIS IS YOUR COPY OF THE WARRANTY WITH A UNIQUE REGISTRATION NUMBER. Please retain this section for your records and refer to the terms and conditions of your warranty should a rooftop concern occur. You will not be contacted by IBRS with regards to product activation. **For the fastest response to a concern**, contact your original installing contractor first and explain in detail your issue. The contractor's information is located above.

RESLIFELMW - Rev 6-2022

IB PVC Single-Ply 50

Product Description:

IB PVC Single-Ply 50 is a polyester scrim reinforced, compounded pvc resin based sheet with plasticizers, stabilizers, fillers, pigments and other proprietary materials meeting ASTM D4434, Type III. Rolls are manufactured in a nominal 50 mil thickness and use an anti-wicking scrim for added strength, tear resistance and enhanced moisture resistance.

Packaging:

Size	Sq. Ft. / Weight per roll (approx.)
6' x 90'	540 sq. ft. / 175 lbs.
3' x 90'	270 sq. ft. / 90 lbs.

Features:

- Meets and exceeds ASTM D 4434-12, Type III Thermoplastic Membrane
- 15-Year Limited Material Warranty
- Excellent flexibility in all climates
- Highly reflective IB PVC Single-Ply can help to reduce heat transfer through the roof into the building's interior
- Thick, heavy duty 24 mil top ply weathering film
- Thermally welded seams provide superior seam strength
- Exceeds Energy Star™ and California Title 24 requirements for Solar Reflectance and Emissivity (White, Cool Sand)

Use:

IB PVC Single-Ply 50 can be installed in new, recover, and re-roof constructions as the primary field membrane and base flashing at all roof to wall transitions. It can be mechanically attached or fully adhered to a properly prepared substrate with approved fasteners and membrane plates or approved membrane adhesive.

Warranties:

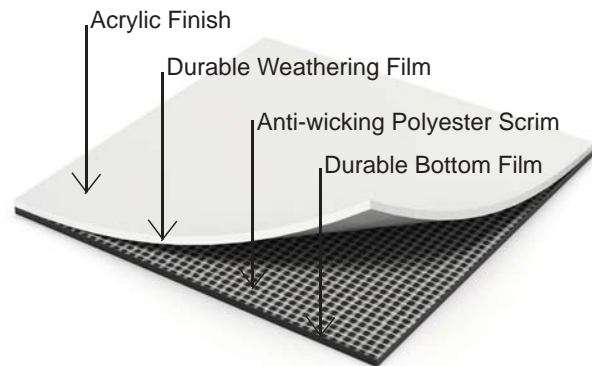
IB PVC Single-Ply 50 has a 15-Year Limited Material Warranty and is available for 'Warranty Plus' and 'Total Systems' warranties for IB Roof Systems Authorized Applicators.

Available Colors:

White, tan, gray and brown.

Approvals:

IB PVC membranes are listed with various component assemblies at UL and Factory Mutual (F.M. Global) for fire, wind uplift and impact resistance. Visit our website for links to these agencies and listings at: www.ibroof.com.



Solar Reflectance / Thermal Emittance / Calculated SRI Values					
Membrane Color	Solar Reflectance	Thermal Emittance	SRI Value Initial	SRI Value 3-Year Aged	LRV
White	0.870	0.88	110	91	94.3
Tan	0.366	0.87	39	N/A	30.2
Gray	0.163	0.88	13	N/A	18.1
Brown	0.079	0.87	2	N/A	7.2

Property	Method	Requirement	50 Mil
Overall thickness of PVC sheet, min. (in.)	ASTM D751	0.045	0.050 nom.
Breaking strength, min. (lbf/in.)	ASTM D751	200 x 200	332 x 256
Elongation at the break, min. %	ASTM D751	15 ^A x 15 ^A	34 x 29
Retention of properties after heat aging (min. % of original):	ASTM D3045		
Breaking strength	ASTM D751	90	Pass
Elongation	ASTM D751	90	Pass
Tearing strength, min. (lbf)	ASTM D751	45.0	54 x 68
Low temperature bend	ASTM D2136	-40°F	Pass
Accelerated weathering test:	ASTM G154		
Cracking (7x magnification)		None	None
Crazing (7x magnification)		None	None
Linear dimension change, max%	ASTM D1204	+/- 0.5	-0.30 MD 0.02 XMD
Change in weight after immersion in water, max %	ASTM D570	+/- 3.0	1.1
Static puncture resistance	ASTM D5602	Pass	Pass
Dynamic puncture resistance	ASTM 5635	Pass	Pass

^AFor reinforcing fabric only, elongation of PVC material shall be 250% MD and 220% XMD

The table presents typical properties of IB PVC membranes. Requirements are taken from ASTM D4434-12.

Recycle Content	
Pre Consumer	20%

IB Clad Drip Edge Metal

Product Description:

IB Clad Drip Edge Metal is fabricated with a durable 45 mil non-reinforced IB PVC film with acrylic finish, laminated to 24 gauge, ASTM A653-09, CS Type B, G90 galvanized sheet metal. It is formed into a standard metal drip edge profile with an open-hem kick-out at the bottom to provide a corrosion resistant, heat weld-able perimeter roof edge termination for IB Roofing Systems.

Sizes:

Standard sizes available in 2.5" and 4" drip edge
Individual pieces made in 10' sections

Packaging:

Sold per 10' section

Available in 100 piece cardboard shipping tubes

Features:

- Factory fabricated edge metal ready to install onsite
- Durable 45 mil IB PVC film with acrylic top finish
- Corrosion resistant, 24 gauge G90 galvanized sheet metal
- Open hem kick out
- Additional sizes and profiles available through custom order to your specifications

Available Colors:

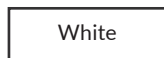
- Standard Clad Finish in White, Bronze, Tan, and Gray



- GR Glass Clad metal in Old World Bronze (non-acrylic finish) and Aluminum



- Also available in SAE 304 stainless steel (White only)

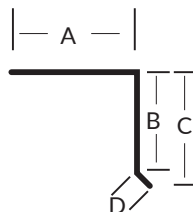
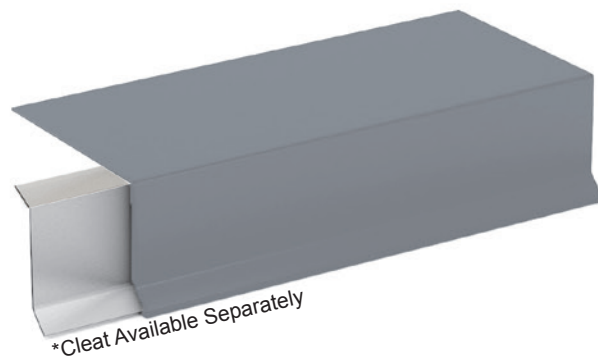


Accessory Metal Cleat:

Factory fabricated 22 ga. ASTM G53-09, CS Type B, G90 galvanized steel cleats are sold separately and are custom manufactured for use with IB Clad Drip Edge Metal produced for installations requiring a continuous cleat. They are formed to profile with a 1/2" deck flange.

Packaging:

Shipped in cardboard boxes



DRIP EDGE	2.5"	4"
A - Flange	3"	3"
B - Coverage	2"	3.5"
C - Face	2.5"	4"
D - Hem	.5"	.5"
Length	10'	10'
Weight	5.5lb	7.5lb

ANSI / SPRI ES-1 Tested Metals (Report #3195892MID-004)		
Product ID	Attachment	Maximum Design Pressure
2.5" Clad Drip Edge Metal* (G90 CS Steel)	Min #12 Roofing Fastener, min. 1" penetration attached 12" o.c.	-160 psf (320 lb./ft ²)
4" Clad Drip Edge Metal (G90 CS Steel with 22 ga. Cleat)	Min #12 Roofing Fastener, min. 1" penetration attached 12" o.c.	-160 psf (320 lb./ft ²)
Clad Edge Material: PVC Clad 0.022" thick G90 Galvanized Commercial Steel Continuous Cleat Material: 0.022 Min. ASTM A 653 CS-09, Prime Galv Cold Rolled Sheet G90/G90 Test results apply to measurement uncertainty of +/- 4 lbs. with a 95% confidence level using the square root of the sum of the squares method with the K factor of 2 already applied.		

IB XHD #15 Roofing Fastener

Product Description:

The IB XHD #15 Roofing Fastener is designed to secure insulation and membrane to various substrates. It is used in conjunction with an IB 3" insulation plate and 2" and 2-3/8" barbed seam plates.

Sizes:

2" - 16"

*Special order (See table)

Packaging:

The fasteners come pre-packaged in a plastic bucket. See graph for quantity and weights.

Features:

- Drill point design prevents fastener walking
- 13 threads per inch provides higher pull-out values
- Drill point cuts through gravel and BUR
- Above average pull out values in 24 & 26 ga metal
- E-coat meets F.M. Approval Standard 4470

Application:

The IB XHD #15 Roofing Fastener must penetrate steel decks a minimum of 3/4", wood plank decks a minimum of 1" and 1/2" through the underside for plywood decks. Using a screw gun, drive the fastener until a slight depression is seen around the plate, or with very rigid insulation boards, watch for the plate to dimple. Note: Care must be taken not to overdrive the fastener and fracture the skin of the insulation. Fastener must be tight enough so that the plate doesn't turn.

Approvals:

- Factory Mutual (F.M.)
- Miami-Dade County (MD)
- Florida Building Code (FBC)
- International Codes Council Evaluation Services (ICC-ES)
- Texas Department of Insurance (TDI)

Fastener Properties:

Head: #3 Phillips
Head Height: 130" max
Head Diameter: 448" max
Thread Major Diameter: 263"
Shank Diameter: 204"
Threads Per Inch: 13



Length	Thread Length	Packaging	Weight
2"	Full	1000	24 lbs.
3"	Full	1000	30 lbs.
4"	Full	1000	42 lbs.
5"	4"	1000	51 lbs.
6"	4"	500	30 lbs.
7"	4"	500	35 lbs.
8"	4"	500	40 lbs.
* 9"	4"	500	45 lbs.
* 10"	4"	500	49 lbs.
* 12"	4"	250	29 lbs.
* 14"	4"	250	34 lbs.
* 16"	4"	250	38 lbs.

Note: Thread length measured from tip of drill point to end of threads

Strength (lbs ult.):

Tensile: 4350
Torsional: 130 in-lbs min
Shear: 3700

Typical Pull-out values (lbs avg.):

Steel 22 ga: 706
Steel 20 ga: 898
Steel 18 ga: 1140
3/4" Plywood: 703
2x Dimensional Lumber (1" penetration): 692
4000 psi Concrete (1" penetration): 728

Non FM Approved Decks:

26 ga: 301
24 ga: 453

Membrane / Insulation Plates

2" Barbed Seam Plate:

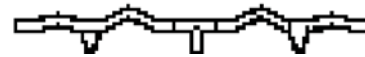
For use with: Wood, Light Gauge and Heavier Steel

OD: 2"

ID: .265/.270"

Thickness: .038"

Finish: AZ50 Galvalume



2-3/8" Barbed Seam Plate:

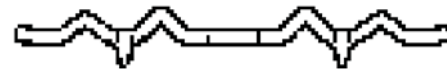
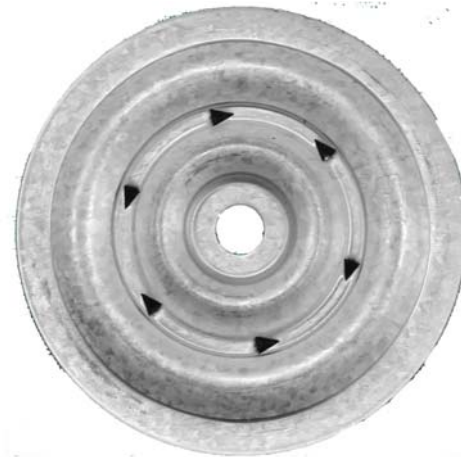
For use with: Steel, Concrete, and Wood Fiber

OD: 2-3/8"

ID: .260/.262"

Thickness: .038"

Finish: AZ50 Galvalume



3" Insulation Plate:

For use with: Cover boards and Insulation over any roof deck

OD: 3"

ID: .260"

Thickness: .019"

Finish: AZ50 Galvalume



Description	Diameter	Packaging	Weight
2" Barbed Seam Plate	2"	1000	29 lbs.
2-3/8" Barbed Seam Plate	2-3/8"	1000	52 lbs.
3" Insulation Plate	3"	1000	37 lbs.



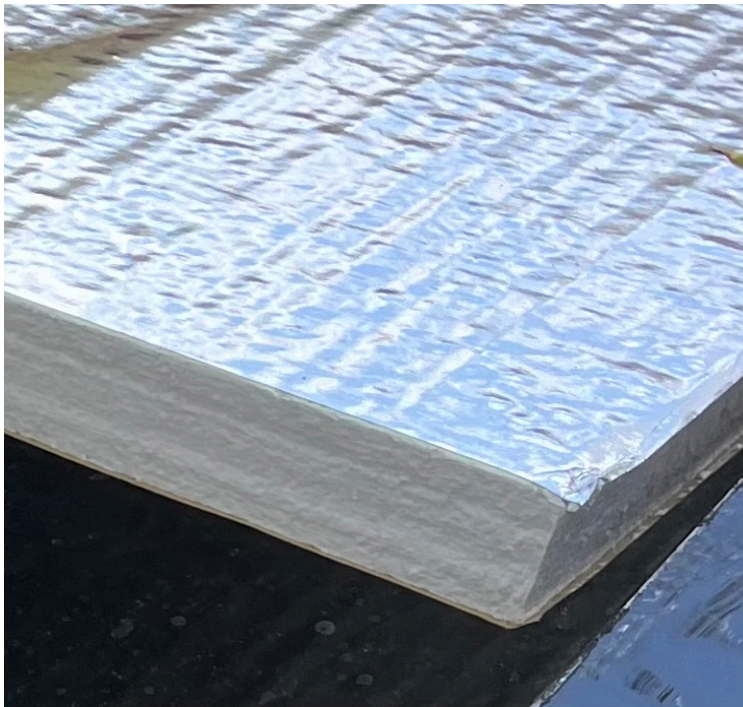
Step 1 Tear Off or Preparation:

Tear existing roof off to decking for installation, or prepare existing roof to receive the roof system.



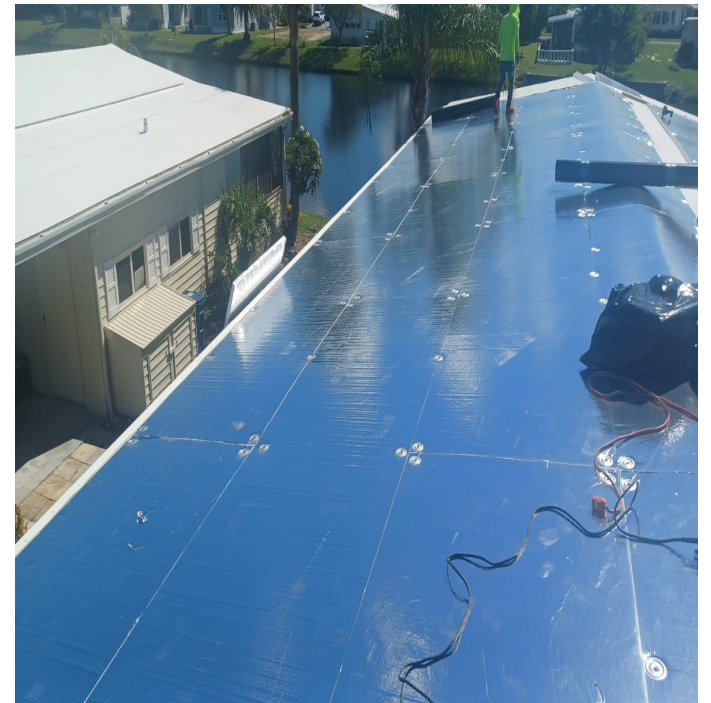
Step 1 Tear Off or Preparation:

- Metal
- Shingles
- Single Ply Membrane



Step 2 Foil Faced Insulation:

Foil Faced Expanded Polystyrene 1.5" Thick for max reflectivity of UV and Heat. Light Weight, Great R-Value, and Reflectivity.



Step 2. Installation:

Install Foil Faced EPS rigid insulation on top of existing shingles/metal/membrane or on top of substrate decking after tear off of original roof using 3" plates and HD fasteners.

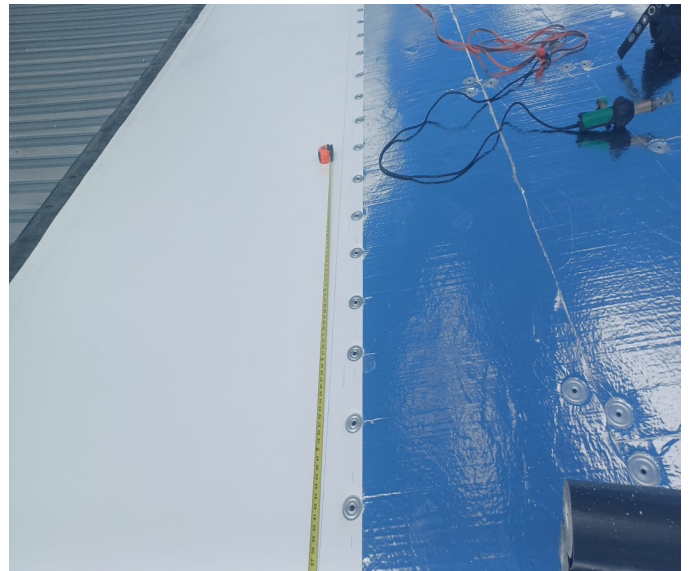
Step 3: White PVC Membrane:

IB Roof Systems 50MIL PVC
Thermoplastic Membrane.



Step 3 Installation:

IB Roof Systems 50MIL PVC
Thermoplastic membrane is installed
with seams fastened using 2" or 2-3/8"
Barbed Seam Plates and then the next
horizontal sheet is ran and shingle
over with a permanent heat weld
sealing the fasteners within the seam.



Step 4: One Way Vents and Perimeter Clad Metal Drip Edge

Step 4: Installation:

One Way Vents are installed via heat weld over existing vent through the structure. Perimeter clad metal is installed and membrane is heat welded to the cladding of the metal forming a moisture tight permanent seal.



Step 5: Final

- ❖ Local Building Department Inspection
- ❖ Delivery of warranty to the client
- ❖ Final job clean up to clients' satisfaction
- ❖ The Roof Monkeys of Florida LLC Guarantee

