

# IB PVC Membrane Features and Benefits



No Flame



Reflective



Resistance



UV Resistant



Recyclable



## Features

## Benefit

## Proof

### Fire Resistant

IB PVC membranes self-extinguish when a fire source has been removed.

✓ IB PVC is Class A fire-rated when used over noncombustible decks.

### Highly Reflective

IB PVC cool roof colors can reduce energy costs by reflecting up to 90% of solar radiation, keeping interiors cool in warm climates. This also reduces heat island effect.

✓ The performance of IB's White, Cool Sand and Cool Stone membranes are tested and proven to meet CA Title 24 requirements and exceed Energy Star and CRRC standards.

### Carbon Neutral

IB PVC cool roof colors are carbon neutral after a period of time. This is calculated using our Carbon Calculator.

✓ IB Roofing Systems' PVC is the first 3rd party validated carbon neutral roofing membrane on the market.

### Premier Weldability

Common, high quality formulation on the top and bottom sheet allow a wider welding window, reducing the chance of improper welding during installation.

✓ When welding two IB membranes together, a stronger and more reliable watertight seam is created.

### UV & Weather Resistant

IB membranes have a thicker, more durable top layer providing increased weathering resistance and extending the life of the overall system.

✓ The weathering surface is up to 38% thicker when compared to the ASTM standard for PVC membranes.

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Features	Benefit	Proof
<b>Scrim Quality</b>	IB PVC membrane does not require seam sealants to prevent water absorption. This shortens installation time and negates future maintenance items.	✓ Specialized manufacturing process protects and coats scrim with high performance plasticizers. ASTM D570 (water absorption) the industry requirement is >3%. IB's test results were 0.6%.
<b>Flexibility/Stability</b>	IB's formulation utilizes the premium quality polymers & plasticizers during the production of its membranes ensuring high flexibility & stable performance.	✓ IB membranes hold their characteristics long after 10, 20, and even 30 years of serviceable life. We've welded brand new IB membrane to 30+ year old IB membrane flawlessly.
<b>Durability</b>	IB PVC roof systems are durable and are Very Severe Hail (VSH) rated.	✓ IB PVC is featured in multiple FM-approved assemblies for Very Severe Hail.
<b>Ponding Water Tolerant</b>	IB membranes are built to resist standing (or ponding) water and will not deteriorate under prolonged exposure.	✓ IB does NOT exclude ponding water areas from their warranties as it does not effect or compromise the performance of the membrane.
<b>Comprehensive Warranties</b>	Feel confident with your membrane selection - IB Roof Systems offers an Authorized Contractor network of PVC Pro and Master Pro applicators that is backed by a 'Best-in-Class' Total System Warranty.	✓ Up to a 30 Year Total System Warranties are available depending on your project and Contractor Status eligibility. Additionally, we offer a Residential Limited Material Warranty with options to participate in a Lifetime Residential Limited Material Warranty.
<b>Recyclable</b>	IB PVC membrane is fully recyclable adding sustainability benefits to your project.	✓ At the end of it's useful life cycle, IB PVC can be fully recycled and turned into new products.
<b>Versatile</b>	IB PVC membranes can be Adhered, Attached, Induction Welded, Spatter Applied for Fleece-back, or Ballasted with stones or pavers, giving each project the flexibility it requires.	✓ With hundreds of possibilities available, please contact your local rep to help select the system that best fits your needs.
<b>Complete PVC Roof System Manufacturer</b>	IB is a single-source provider of the entire roofing system meaning the entire assembly is included in the Total System Warranty.	✓ IB Roof Systems provides all the needed materials for your project including prefabricated custom flashings. This eliminates field fabrication by the installing contractor.



Quality Products



Exceptional Service



Technical Expertise