



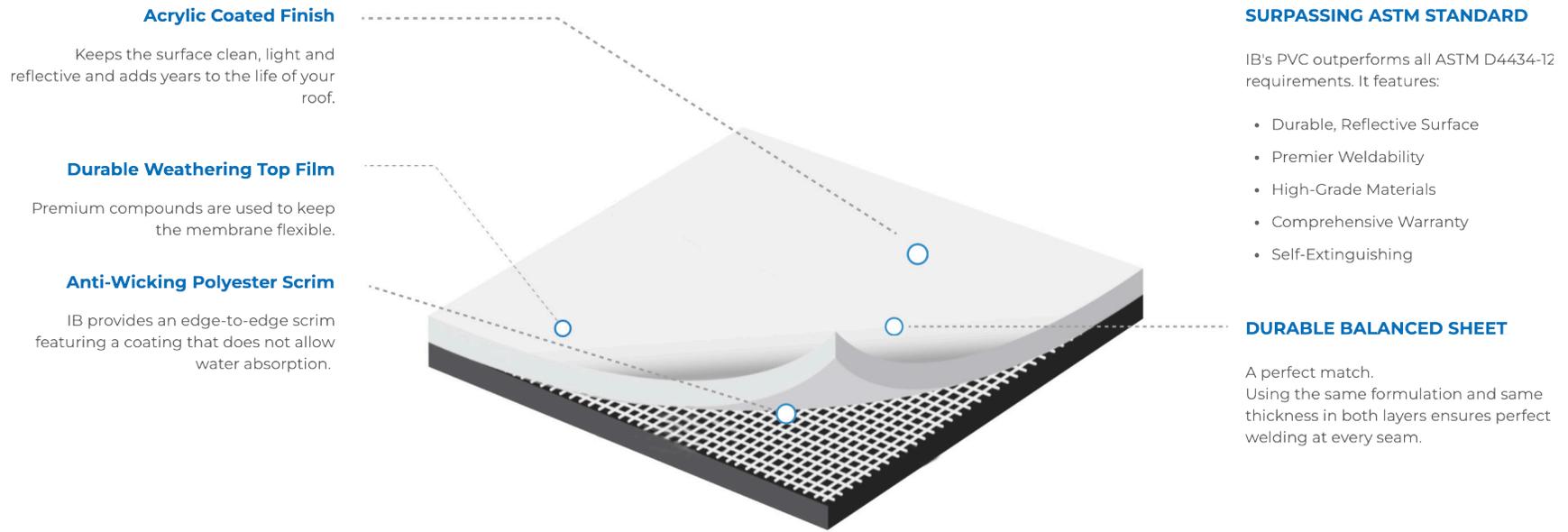
# THE PATH TO ROOF RESILIENCE

# Defining sustainability with IB Roof Systems

Sustainability has been embedded in IB Roof Systems' DNA since our founding in 1978. As an environmentally conscientious company, we believe resiliency is the most powerful way to think about roofing sustainability.

Longevity, reflectivity and post-use management all play a role in reducing environmental impact while protecting buildings for generations to come.

## IB PVC Membrane



# Chapter 1: The foundation of roof resiliency

Resiliency is a more powerful way to think about roofing sustainability. Buildings change purpose over time – PVC's chemical resistance protects against the unknown, allowing the roof to achieve its highest potential length of life. Reducing the frequency of tear-offs dramatically reduces environmental impact.

IB PVC membranes are resilient in both performance and compatibility with sustainable corporate initiatives.

## **A shared responsibility**

We all have a responsibility to keep our environment safe now and for generations. With IB Roof Systems as your partner, you can get 30+ years out of your roof and have recycling options when it's time to replace, overall enhancing your roof's sustainability and resiliency.

## **Longevity of IB materials**

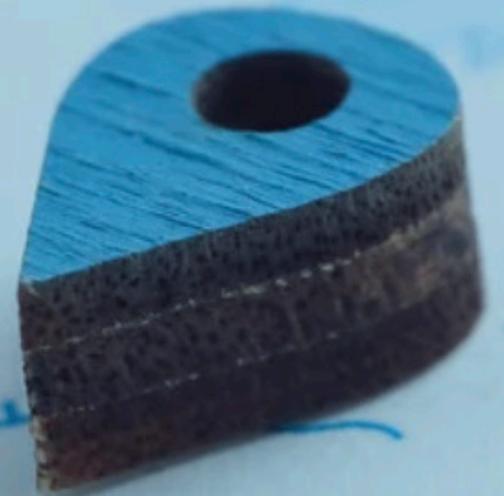
Proven PVC formulation provides enhanced sustainability

- Longevity + Reflectivity = Resiliency

Lifecycle advantage: Longer-lasting roofs mean,

- Fewer raw materials consumed
- Lower transportation emissions
- Less construction waste sent to landfills
- Less energy required for disposal or recycling

## **Chapter 2: A practical roadmap to resiliency**



## Step 1: Start with longevity

Choose durable, chemical-resistant materials that minimize replacements for pre-mature aging and damage. Roofing is largely petroleum-based, but IB PVC shows a different path.

Material composition of IB PVC: 50% natural gas + 50% salt

### Performance features of IB PVC membranes

- Weathering surface thicker than ASTM standard requirement making it very durable
- Superior weldability with common formulation top and bottom
- Minimal maintenance required
- High-quality, stable formulation
- Extreme weather resistance, including VSH ratings
- Fire self-extinguishing as PVC will not support a flame
- Comprehensive industry warranties





## Step 2: Plan for end-of-life

IB PVC is fully recyclable, avoiding landfills and maximizing project sustainability.

### IB Roof Systems recycling options

- Free coordination when replacing old IB PVC with new IB PVC
- Free acceptance of PVC membranes sent to IB facilities
- [Vinyl Institute recycler for local resources](#)
- Partnership with Nationwide Foam for insulation/membrane recycling across North America

### Tools and resources

- [IB Recycling Program](#)
- [Recycler locator](#)
- [Energy and Carbon Calculator](#)
- [CO<sub>2</sub> Roof Recovery Calculator](#)

## Step 3: Align with standards

### Carbon neutral leadership

IB aims for carbon neutrality, or negative, within warranty period. In other words the goal is carbon neutral well before warranty ends, leaving years of carbon-free performance. Our PVC single ply is the first carbon neutral (from raw material through end of life) roofing membrane with 3rd party documentation.

### LEED v5 categories

- Prerequisite for certification: Planning for zero waste operations
- Rainwater management: Up to 3 pts
- Heat island reduction: Up to 2 pts
- Accessible outdoor space: Up to 1 pt
- Biodiverse habitat: Up to 2 pts
- Enhanced resilient site design: Possible 2 pts
- Renewable energy: Possible 5 pts
- Building product selection and procurement: Possible 5 pts
- Construction and demolition waste diversion: Possible 2 pts





## Step 4: Think beyond the roof

### Combatting heat island effect

- High reflectivity = cooler roofs, cooler cities
- IB's top finish keeps PVC membranes cleaner longer, allowing maximum reflectivity and helping lower energy bills

### Rooftop gardens

- Proven waterproofing system to handle roots, ponding moisture, high/low pH soils and decades of leak-free performance

### Solar integration

- IB Roof Systems supports solar installations for the long term, preventing costly re-roof and reinstallation cycles
- Enhanced fire-retardant properties improve solar system safety
- Benefits include environmental stewardship, emissions reduction and energy independence

# Chapter 3: IB is your guide through every phase of resilient roofing

IB Roof Systems is your partner, not just a product provider. We understand that sustainability is a resilient, long-term approach to roofing and want to help you achieve that.

Visit IB's resiliency resources, explore recycling options and take the first step toward a truly sustainable roof.



## FAQ

**What if I can't find a recycler?**

[Contact IB Roof Systems](#)

**How do I earn LEED points?**

[Check out the LEED webpage](#)

**What is IB's commitment to contractors?**

Fast delivery and superior quality products along with an on-going initiative to create easy-to-recycle PVC membrane and easy access recycling points.



## **What makes IB different from other roofing systems?**

IB Roof Systems takes a wholistic approach by working with contractors and specifiers while the roof is in the design phase. Our team of experts will review job plans and make sure the selected IB products fit the performance requirements.