

## LEED VERSION 4

### ENERGY and ATMOSPHERE

IB's Cool Roof membranes, Energy Boards, and a Solar Array system can contribute to multiple points in LEED's Energy & Atmosphere category. This is accomplished by helping optimize energy performance and the use of renewable and clean sources of energy, generated on-site. Below are the sections where IB Roof Systems products can help you achieve points towards LEED certification:

#### Energy and Atmosphere Credit (Renewable Energy Production)

A Solar Array can reduce the need for fossil fuel energy use contributing to the possible 3 points

### MATERIALS AND RESOURCES

IB Roof Systems Cool Roof membranes and a Roof Recycling Program can be used to obtain multiple points in LEED's Materials and Resources category. A mechanically attached vinyl roof at the end of its useful life can be recycled into new roofing membrane products and replaced with a roof membrane that is made with pre and post-consumer recycled waste. Below are the sections where IB Roof Systems can help with points towards LEED certification:

### BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION CREDIT

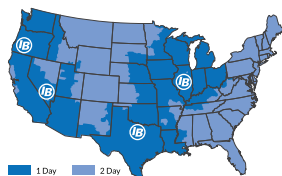
Materials and Resources Credit: Construction and Demolition Waste Management A roof recycling program contributes to the possible 2 points (one point is for Exemplary Performance under the Innovation in Design Credits Section).

### ENVIRONMENTAL QUALITY

IB Roof Systems Roofing's Low or No VOC emitting roof membrane adhesives can be used to obtain points in LEED's Environmental Quality category. Low-Emitting Materials IB Roof Systems Low or No VOC emitting roofing adhesives and coatings solutions that can be used to obtain 3 points by not contributing to possible fumes and/or odor during building construction

### We Have You Covered.

Install IB with the confidence that you have selected the Industry's Best roofing materials. Through state of the art equipment and stringent quality control measures, we ensure that the products produced in our facilities throughout the United States meet the superior standards upon which we have built a reputation of excellence since 1978.



### SUSTAINABLE SITES CREDITS

#### Site Development: Protect or Restore Habitat

A Vegetative Roof assembly contributes to the possible 2 points.

#### Site Development: Maximize Open Space

A Vegetative Roof assembly contributes to the possible 1 points.

### Rainwater Management

A Vegetative Roof assembly contributes to the 3 points.

### Heat Island Reduction

An IB Cool Roof or a Vegetative Roof assembly can obtain up to 2 points.

### Places of Respite

Installing a Vegetative Roof assembly contributes to the attainment of 1 point.



Become an Authorized Installer of IB Roof Systems and Grow Your Business.

**DiscovertheDifference.com**  
**IBroof.com**

**800.426.1626**  
506 East Dallas Road Suite 300, Grapevine, TX 76051

# IB Green

Shaping a Greener Industry  
Through Successful Partnerships



Solar Energy



Rooftop Gardens



Reflectivity



Reclamation



Quality Products



Exceptional Service



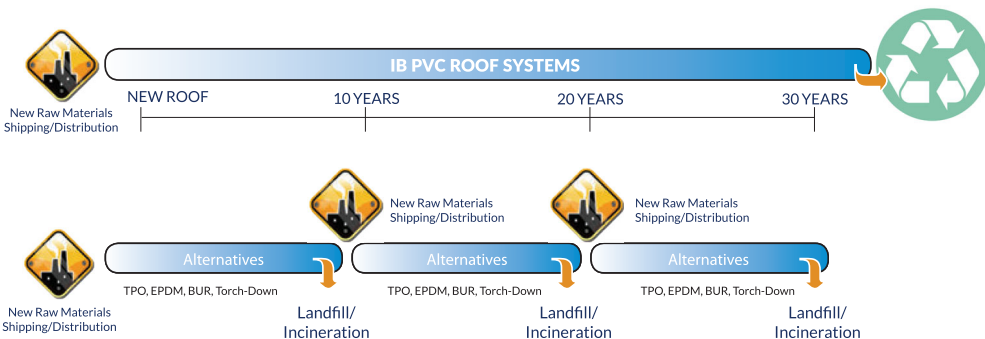
Technical Expertise

# The Age of Sustainability

## Lifecycle is Key to Sustainability

"You have to think about durability — using high-efficiency roofs without known longevity is a tad foolish. Replacing systems that fail prematurely doesn't do a lot of good for the environment."

Craig Silvertooth,  
President of the Center for Environmental Innovation in Roofing



## www.DiscovertheDifference.com

With so many energy saving benefits, safety provisions and Eco-friendly options, IB Roof Systems is the right choice... No other manufacturer has produced, installed and maintained more roofs than IB.



### IB PVC The Lifecycle Standard

When a roof system is built to last longer...

- Less raw materials will be used
- Less transportation pollution will be emitted
- Less construction waste will be sent to fill landfills
- Less energy will be needed to incinerate or recycle the spent product

The word "Lifecycle" begins to take on a whole new environmental significance when you begin to look at the entire problem.

### What really goes into roofing materials?

**IB PVC**  
50% Natural Gas / 50% Salt

Others:  
TPO, EPDM, BUR, Torch-Down  
100% Hydrocarbons (fossil fuels)



No Flame



Reflective



Resistance



UV Resistant



Recyclable

IB Roof Systems has been an active, environmentally conscious company since 1978.

From the start IB Roof Systems has promoted its products to be;

- **Long Lasting**—nearly three times that of traditional asphalt roofing systems
- **Recyclable**—recycled after 30 years of useful life, avoiding the landfill altogether
- **Highly Reflective**—reducing energy consumption and utility costs in most climate zones
- **Safe**—formulated with enhanced fire retardant properties

Based on sustainability, IB Roof Systems and its products have become the leader in environmental single-ply roofing, placing IB Roof Systems in the forefront supporting established and emerging sustainable roofing technologies.



250% Thicker\*



360% More Reliable Seams\*



266% More Pliable\*



164% More Durable\*



270% Stronger\*



### Rooftop Gardens Mother Nature's Roofing Solution

Rooftop gardens offer wonderful long-term benefits to buildings and the environment. To create these mini eco-systems on a rooftop, requires a large investment, therefore it is vital to the success of the rooftop garden to use a proven, durable waterproofing system;

- Impenetrable to strong root systems
- Handle constant or ponding moisture
- Resistant to high PH or acidic soil conditions
- Continuous leak-free performance, proven for at least 30 years

IB Roof Systems membrane maximizes the life of a roof-top garden and is another way... **IB Roof Systems is making a difference.**



### Reflectivity Long-Term High Reflectivity = Cooler Roofs and a Cooler Planet

IB Roof Systems applies a top finish to all of their membranes to help keep them cleaner longer. This increases the reflective colors properties, reducing energy consumption and reducing the urban heat island effect.

Because of the life of the high reflective colors from IB Roof Systems there are considerable energy cost saving benefits as well, lowering energy consumption and the utility bill.

Maintaining long-term high reflectivity is another way... **IB Roof Systems is making a difference.**



### Reclamation A Legacy That Goes On and On and On

IB Roof Systems is proud to have the longest lasting sustainable roofing membranes in the industry with an incredible track record to back it up and proud to reclaim and recycle those same roofs after their long useful life is over. After 30+ years of great performance, IB Roof Systems membrane are being recycled into other high quality products and avoiding the landfill.

Reclaiming used roofing membrane is another way... **IB Roof Systems is making a difference.**



### Solar Energy Promoting Efficient, Sustainable Solutions

By partnering with experts in the solar energy field IB Roof Systems provides long-term roofing solutions proven for 30 years to last and perform as long as the solar panels are warranted for. Roofing systems not proven may not perform as long and cause a costly removal and re-install of the solar system and new roofing material, possibly erasing any savings that the solar system provided.

- Rooftop solar -
- Promotes environmental stewardship
  - Reduces emissions
  - Allows for energy independence

Integrating lasting IB Roof Systems membrane with solar projects are another way... **IB Roof Systems is making a difference.**