

# JOHNS MANVILLE ROOFING SYSTEMS

## SUSTAINABILITY



# What is Sustainability?

*To pursue sustainability is to create and maintain the conditions under which humans and nature can exist in productive harmony to support present and future generations.\**

\*As defined by the United States Environmental Protection Agency.

## JM Sustainability Goals

At JM, we are passionate about our ability to succeed in making the company more sustainable. We know that by doing good, we will do well. That is why we've embraced sustainability, working to define what it means to JM and how it benefits our stakeholders. We realize that through these efforts to become more sustainable, we will become more resilient, more innovative, and better positioned to continue serving the changing needs of our customers.



### **REDUCE** our impact on the planet. By 2025, we will:

- Reduce our waste intensity from our 2022 performance by 10%.
- We will use at least 2 billion pounds of external recycle materials in JM products from 2021 through 2025.

### **EXPAND** support of our global workforce.

- Reflect our communities by attracting, promoting and retaining underrepresented groups resulting in an organization that is reflective of the communities where we operate.
- Inspire our employees to volunteer and actively engage in our communities.

### **INNOVATE** a path to a decarbonized future. We will:

- Develop and sell products that increase the net positive benefit to our world by more than 10% by 2025.
- Chart our path to a lower carbon future by:
  - Exploring and implementing alternative renewable energy sources used directly in JM processes.
  - Developing a more complete understanding of the impact of our raw material supply chain as the use of fossil fuels phases out.
  - Reducing our overall Scope 1&2 GHG emissions by 40% by 2030.



# Roofing Products That Make a Difference

## ISO

Produced with a blowing agent that offers zero ozone depletion and virtually no global warming potential.

## TPO & PVC

Delivers high-performance ozone resistance, cool roof reflectivity and overall weather resistance. White membranes provide exceptional reflectivity and emissivity for energy savings.

## Fesco

Consists of recycled newsprint to provide strength to the board as well as high recycled content. Certification by UL® Environment the recycled content and contributes to the LEED Materials and Resource (MR) credit 4.

## Water Based and Low VOC Adhesives

JM offers adhesives that meet the Low Volatile Organic Compound standards that many building codes require.



## Recycled Content



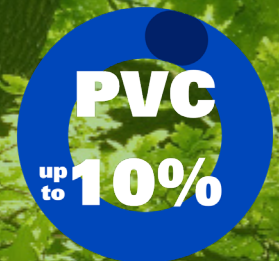
Varies with thickness.



Avg. of 86% Pre-consumer  
and 14% Post-Consumer.  
\*Minimum



Post-Industrial



Post-Industrial



## We Are a Recycle Partner

Contractors that are re-roofing mechanically attached or ballasted single-ply systems may be able to recycle removed insulation.

Regulations around recycling continue to grow and we strive to create processes to enable our contractors to meet these requirements. [Check Out the JM Recycle Page Here.](#)

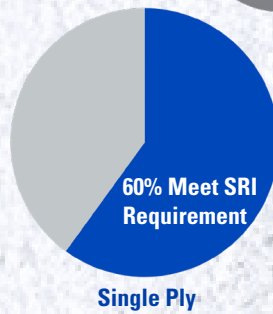


## SRI Data To Support LEED

(Leadership in Energy and Environmental Design)



SRI values of 78 or higher qualify for LEED credits. **Over 60% of JM single-ply membranes meet this SRI requirement.**



Installing a highly reflective cool roof system on your commercial building is an energy efficient way to reduce costs.

**Almost all JM BUR, APP and SBS systems offer a Cool Roof Granules (CR G) Cap Sheet option.**

[Click Here for more information on Cool Roofs.](#)

## Meeting R-value Requirements

JM's line of polyiso insulation products have long addressed R-value requirements.

Protector HD (high-density) cover board, a grade-one compressive strength, closed-cell foam core (80 psi minimum, up to 110 psi) and inorganic coated glass facers provide excellent resistance against harsh rooftop conditions.

Moreover, the Protector HD is extremely lightweight, resulting in easy handling with installation and transportation efficiencies, including lower freight costs and less energy and fuel usage.

It has a higher R-value than wood or gypsum, is moisture and mold resistant and its strength provides resistance to wind, uplift, hail, moisture or puncturing.



## Sustainable Production

Since opening, the Scottsboro, AL plant has never exceeded 2.5 pounds of waste per ton of production as a result of diligent manufacturing processes. They also have an impressive general recycling program that recycles cardboard, paper, plastics, super sacks, metal, polyester scrim and fleece material. The facility prevented millions of pounds of waste from entering local landfills by following stringent sustainable guidelines.



LEARN MORE ABOUT SUSTAINABILITY AT JM AT [WWW.JM.COM](http://WWW.JM.COM)

RS-5662 10-24 (4-24)