

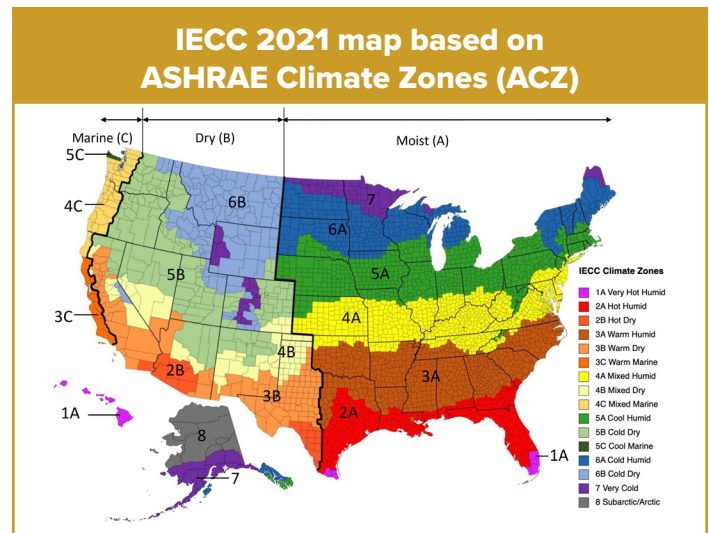
EPDM Roofing Membrane is Sustainable

THE PROVEN CHOICE FOR SUSTAINABLE, LONG-LASTING PERFORMANCE

Today's buildings are expected to do more than simply provide shelter. Owners face growing pressures around energy costs, maintenance needs, and long-term environmental impact. Roofing systems must meet these demands while remaining reliable year after year. EPDM's five decades of field performance demonstrate durability, consistency, and flexibility for modern sustainable design. In addition, EPDM roofing membranes deliver unmatched longevity, ecological benefits, and versatility to meet modern building demands. EPDM roofing membranes deliver the longevity and environmental benefits needed for sustainable construction, supported by more than 50 years of documented performance.

Key Features & Benefits

Global statistics confirm the increasing frequency of extreme weather: intense tornado outbreaks, catastrophic hurricanes, record-setting heat, heavy downpours, and devastating hailstorms. When severe weather threatens your building, your roof is the first line of defense. A resilient roof will absorb and withstand the impact of these extreme weather events and return to normal performance afterward. EPDM (ethylene-propylene-diene terpolymer) roofing membranes deliver exceptional resilience against the elements.



PERFORMANCE FEATURES	
• 50+ years proven field performance	• Excellent thermal cycling resistance
• 38-year expected service life*	• Lightweight membrane design
• Superior puncture resistance	• Designed to accommodate advanced roof system technologies
• Exceptional dimensional stability	

CUSTOMER BENEFITS	
• Dramatically reduced lifecycle costs	• Reduced business disruption
• Minimal maintenance requirements	• Predictable long-term performance
• Lower transportation costs and emissions	• Maintains owner/designer choice while adhering to codes and standards
• Fewer roof replacements over building life	• Easy to repair and modify throughout its service life

Sustainability Advantages

- **Energy-efficient manufacturing process** compared to alternative roofing materials
- **Fully recyclable** into playground surfaces, athletic turf, and outdoor furniture
- **Extended service life** reduces environmental impact from manufacturing, transportation, and disposal
- **Low carbon footprint** amortized over 38+ years of service

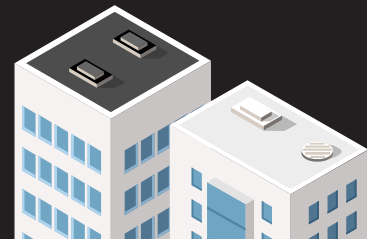
A durable, long-lasting roof that can be recycled lowers resource use and supports environmentally responsible building practices.

Economic Value Proposition

- **Lowest total cost of ownership** through extended service life
- **Reduced maintenance** due to EPDM's durable composition
- **Predictable lifecycle cost** expectations thanks to decades of field data.
- **Lower repair costs** because EPDM can be patched with simple adhesives and sealants, avoiding the rooftop equipment often required for other single-ply membranes

A longer service life and minimal repair needs translate into meaningful cost savings over the roof's lifecycle.

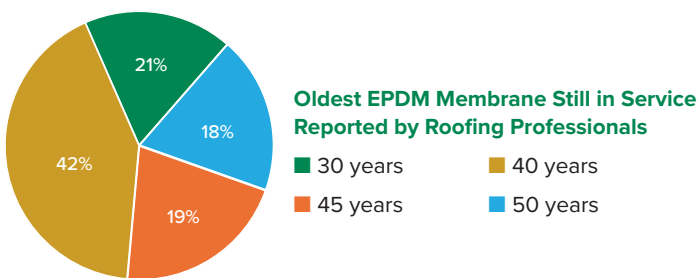
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Sustainability is the degree to which a product or practice uses natural resources without compromising future generations' ability to use those same resources. Sustainability is the umbrella term for many environmental benefits, including urban heat mitigation, resilience, decarbonization, energy efficiency, and recyclability.

Proven Service Life Expectations

A comprehensive 2025 survey of 569 roofing professionals confirmed EPDM's exceptional longevity across all attachment methods.



All three attachment methods (adhered, mechanically fastened, and ballasted) are represented among the oldest installations.

Industry Data: Several studies of membranes with 40+ years of service consistently show that the vast majority meet or exceed industry standards for new membrane performance.

The Knowledgeable Choice

EPDM combines proven longevity, environmental responsibility, and system versatility to support sustainable roof design. With over 50 years of field performance data and the most extensive track record in commercial roofing, EPDM delivers confidence that few materials can match.

Versatile Roof Platform Built for Innovation

EPDM serves as an ideal foundation for advanced roof technologies that support sustainability:

Vegetative Roof Systems

- Superior puncture resistance is ideal for vegetative applications
- Long-term stability under complex loading conditions
- Manages stormwater while improving air quality and creating urban green space

Solar Energy Installations

- Exceptional dimensional stability prevents thermal movement issues
- Proven resistance to heat accumulation under solar arrays
- All EPDM installation methods integrate effectively with modern mounting options.
- EPDM's inherent flexibility simplifies the attachment of mounting options

Cool Roof Mandate Compliance

- Compatible with reflective coatings and systems
- Vegetative and solar systems installed atop EPDM membranes are acceptable in energy codes as an alternative to reflective membranes.
- Stone ballasted systems also comply with in-lieu-of reflectivity mandates

What This Means for Building Owners

When a roof performs for decades without major repairs, it uses fewer resources, generates less waste, and delivers predictable costs with minimal disruption. That makes it a more sustainable and cost-effective choice for building owners. EPDM's durability means fewer replacements, less waste, and lower resource consumption over time. Because the membrane can support vegetative systems, solar installations, and other modern technologies, it also gives owners flexibility as sustainability goals evolve. The result is a roofing system that supports both environmental performance and long-term budget planning.

The Bottom Line

EPDM brings together proven longevity, low environmental impact, and strong adaptability to support sustainable building goals. Its long service life and reliable performance make it a practical choice for owners who want a roof that works well today and continues to deliver value over time.

*An expected service life of 38 years for EPDM membrane is supported by the EPDM Roofing Association based on in-situ testing, laboratory testing, and the opinions of over 550 roofing professionals. The expected service life of thirty-eight years is averaged across various thicknesses and attachment methods, and assumes proper installation and maintenance.