

What every roof wants to be when it goes up.



THE ONLY ROOF YOU'LL EVER OWN.

90-mil EPDM Membrane vs. Three-ply Modified Bitumen Roofing

ECONOMICS

- Material costs for EPDM are less affected by raw material cost fluctuations
- Lower labor costs
- No cover board required, thus reducing system cost

INSTALLATION

- No torches or asphalt are required, making installation safer
- Less dead load weight than mod-bit 2-ply systems
- Larger rolls mean fewer seams, allowing for quicker installation
- Faster installation means less disruption for building occupants
- No cant required at angle changes allowing for lower roof edge heights
- Year round application

QUALITY

- EPDM is made from engineered polymers rather than leftover by-products
- Because EPDM is a single ply membrane, there is no concern with interply blisters
- The embodied energy (energy used to manufacture or mine the building components, and the energy used during building) is substantially less with EPDM roofing

PERFORMANCE

- After 40 years of empirical experience in field applications, EPDM has the roofing industry's longest average service life, thanks to:
 - Greater resistance to ponding water, hail, UV damage and cyclical membrane fatigue
 - High resistance to ozone, weathering and abrasion
 - Flexibility in low temperatures
 - Superior resistance to extreme heat and fire
 - Thermal shock durability
- Restoration friendly
- It is easier to install new roof penetrations at a later date
- UL ratings available without gravel surfacing or sacrificial coating
- Recyclable



Pixar Animation Studios
Emeryville, California



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Key Characteristics of Roof Systems Designed for Long Term Performance

What should you consider when planning a roofing system that will last for 30 years or more?

RESISTANCE TO

- Long term UV exposure and heat without coatings
- Fire
- Hail

EASY TO REPAIR

- Restorable for extensive service life performance
- Ease of modification
 - New penetrations
 - Building additions
- Easily repairable during its entire service life
- Easy to repair in emergencies

VALUE

- Ability to be designed to produce excellent thermal shock performance
- Sustainable
- Low annualized cost
- Recyclable
- Available in large sheets that reduce labor in installation
- Covered by up to 30-year warranties

EPDM possesses these characteristics and has demonstrated them over the past 40 years. That is why EPDM:

- Is the **number one roofing choice** of architects, roof consultants and contractors for both new construction and replacement roofing projects according to *RSI Magazine's* 2007 State of the Industry Report, *Building Design and Construction* magazine and the National Roofing Contractors Association (NRCA) 2002-2003 market surveys:
- Accounts for more than one billion square feet of new roof coverings in the United States annually
- Accounts for more than 500,000 current warranted roof installations on 20 billion-plus square feet



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