

# POWERply® Endure™

modified bitumen roofing system

## THE BEST MB SYSTEM FOR YOUR BUILDING

Four unique features give you unmatched weatherproofing protection

Modified Bitumen (MB) roofing systems (membranes and adhesives together) are tough, designed to last for decades in any kind of weather. POWERply Endure Membranes up this game significantly, with advances that

improve rooftop protection and overall durability, stop the spread (wicking) of water, and enable component tracking. When combined with our POWERply Endure BIO Adhesive, the result is the strongest MB system available today.

1

### GranuLock™ Surface Treatment

Factory-applied granule surfacing protects the MB system from UV exposure, which is vital to the system's longevity; just as important, these granules help provide a fire-resistant surface. It's hard to overstate the importance of granule retention.

Unfortunately, granule loss over time and the resulting damage can be significant. Industry standards\* allow an MB roof to lose almost eight pounds of granules per 100 square feet -- think what that could amount to when

your roof is thousands of square feet. Tremco Roofing's MB granule retention performance is already among the industry's best. With the GranuLock Surface Treatment, POWERply Endure Membranes lose only about 0.77 pounds per 100 square feet -- approximately 10 times better than the industry standard -- giving you years worth of waterproofing protection and fire resistance. Plus, the GranuLock Surface Treatment is practically invisible, so your roof looks like you expect it to.



7.7 lbs granule loss per roll  
Acceptable per ASTM D4977



0.77 lbs granule loss per roll  
POWERply Endure by Tremco



### Extended Durability Bitumen Blend

Durability is an MB system's most important feature, after waterproofing. By adding two more polymers\*\* to its already advanced asphalt chemistry, POWERply Endure Membranes are firmer under foot than competitive membranes, resisting traffic damage, marring, and the wear and tear of long term exposure to the elements. Tougher membrane, longer roof life.

2

\*Measured by the test standard ASTM D4977

\*\*A Thermoplastic Polyurethane (TPU) and a Reactive Elastomeric Terpolymer (RET)

# DESIGNED TO ENDURE THE ELEMENTS AND POWERED BY TREMCO

# 3

## *Anti-wick Reinforcing Fabric*

In general, MB membranes are prone to absorbing moisture into the cut edges, which can become entrapped.

POWERply Endure Membranes incorporate an industry-first anti-wick fabric treatment, which drastically reduces the potential for moisture to wick into and travel up the reinforcing fabric, addressing another industry issue with a solution that is ours alone.



## *Roof-ID™ Identification Chips*

Roofing membranes occasionally need to be identified after being installed, which is virtually impossible. Tremco Roofing has solved this problem by incorporating a Radio Frequency Identification (RFID) chip onto the back of every POWERply Endure Membrane roll. Roof-ID™ chips are resistant to the short-term effects of installation in cold or hot asphalt and long-term exposure on the roof. If information on a roll is needed, a technician walks and scans an area of the roof, then forwards the scanned numbers from the Roof-ID chip to Tremco. We cross reference these numbers against our records; if any action is required, we handle it quickly and efficiently. The Roof-ID program is a no-cost extension of the Tremco Quality Control process.

# 4

## *POWERply Endure Membranes and POWERply Endure BIO Adhesive – Making the Best MB Systems Even Better*

Tremco Roofing's POWERply line of modified bitumen systems has a long history of exceptional performance; combining POWERply Endure Membranes with POWERply Endure BIO Adhesive takes this performance to new heights. POWERply Endure Membranes offer unique features while the ultra-low odor, high strength, fast curing POWERply Endure BIO Adhesive provides the holding strength to keep the membranes securely in place in all types of climates and locations. Together, they offer you an MB system with unmatched durability and exceptional weatherproofing.

**TO LEARN MORE, VISIT**  
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