



Reinforced EPDM Roofing Systems

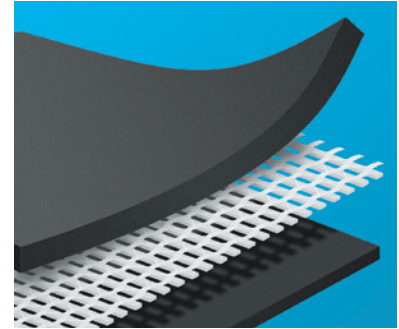


BUILDING INTEGRITY

VERSIGARD EPDM ROOFING SYSTEMS

VersiGard® Reinforced EPDM Roofing Systems

Versico's VersiGard Reinforced EPDM with Quick-Applied Tape (QAT) seam technology combines the fastest installation methods with the toughest reinforced membranes. VersiGard Reinforced EPDM consists of a tough polyester reinforcement sandwiched between two strong EPDM membrane plies. It's durable enough to handle high maintenance traffic and is backed up by the industry's only accidental puncture warranty of up to 32 man-hours per year.



WHY CHOOSE **VERSIGARD REINFORCED EPDM?**

Carlisle Construction Materials pioneered EPDM roofing membranes more than 60 years ago and has established a strong track record of superior product durability and long-term weather resistance with over 17.5 billion square feet of membrane installed. EPDM, well known for its superior UV and ozone-weathering performance, is manufactured under quality-controlled conditions. A durability assessment of roofing membranes found EPDM was "the only membrane with no reduction in flexural fatigue resistance for all tests/locations." A recent study of aged EPDM showed that after 30 years of real world exposure, EPDM still retained excellent tensile strength, tear resistance and weathering resistance.

Innovative Quick-Applied Tape (QAT) Seam Technology was recognized as one of the building industry's top 100 products based upon ease of use, quality of application, durability/life-cycle, universal appeal, sustainable/green elements and much more. QAT seam technology was acknowledged for addressing critical construction issues and improving a roofing system's overall performance.

Fast and Tough

Versico's QAT seam technology allows the building to get in the dry faster. Durable enough for installations that may encounter maintenance traffic, abuse or possible puncturing, VersiGard Reinforced EPDM is often specified for schools, hospitals and manufacturing facilities.

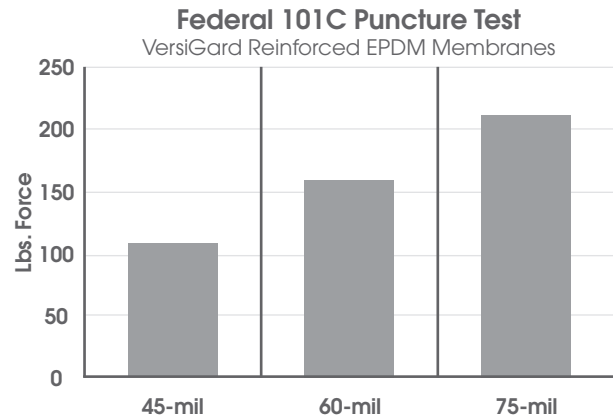
Enhanced Installation Efficiency

The speed associated with the VersiGard Reinforced EPDM system is a result of Versico's innovative QAT seam technology. QAT has been proven to reduce seaming time by 75 percent and cut labor requirements when compared to other seaming methods available in the marketplace. QAT also reduces the risk of seam failure by delivering 30 percent greater peel strength and 32 percent greater shear strength than standard seaming methods.

Available in three-inch and six-inch widths, QAT is applied in a factory-controlled setting. QAT seam technology provides uniform adhesive width and thickness and reduces the risk of human error during seam installation. Consistent coverage of QAT also maximizes the splice area within plus or minus one-eighth of an inch, improves the ability to get the building in the dry in less time and minimizes business disruption.

Increased Puncture Resistance

VersiGard Reinforced EPDM membranes get their strength from a strong polyester reinforcing scrim sandwiched between two plies of Versico's time-tested EPDM rubber. The reinforcement more than doubles the puncture resistance compared to non-reinforced membranes. Due to its dual-ply construction that makes it resistant to cuts, tears and scuffs, the VersiGard Reinforced system is ideal for rooftops where long-term performance and protection is absolutely essential. Thicker membranes offer greater thickness over scrim and therefore superior longevity and better scuff resistance. All VersiGard Reinforced EPDM membranes can be backed by total system warranties, including an accidental puncture warranty.



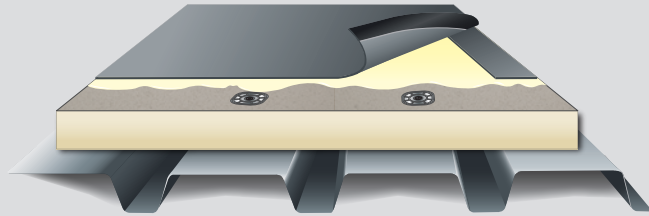
Features and Benefits

- 60 years of proven EPDM performance
- Industry leading UV resistance of 35,320 kJ/m²
- Polyester reinforcement adds puncture, tear and fatigue resistance
- Dark colored EPDM reduces heating costs which are generally 3-5 times greater than cooling costs
- Black EPDM membrane reduces snow and ice accumulation and promotes drying of the roof
- Zero (no growth) rating for fungal growth
- Less prone to condensation accumulation
- EPDM had the lowest global warming potential, acid rain and smog impact according to a study using EPA's TRACI model
- Reinforced EPDM can be Adhered or Mechanically Attached
 - Mechanically Attached is more suitable for wood and steel decks
- QAT seam technology enhances workmanship quality
- 45-mil, 60-mil and 75-mil membranes available for 15, 20, 25, and 30 year warranties

Accessories

- Insulation
- HPV Fasteners and Polymer Seam Plates
- Bonding Adhesives
- QAT seam technology
- Quick-Applied Flashings and Reinforced Termination Strip (RTS)
- VersiTrim™ coping, fascia and drip edge



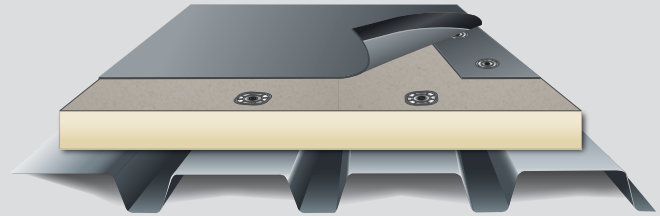


Lightweight and Powerful

Fully Adhered Roofing System

VersiGard reinforced EPDM membrane may be utilized on Versico's Fully Adhered Roofing System installations. An acceptable insulation is mechanically fastened to the roof deck or adhered with Flexible DASH Adhesive, and the membrane is adhered to the insulation with Versico's EPDM Bonding Adhesive. Adjoining sheets of membrane are spliced using Versico's QAT Seam Technology.

- Less than ½ pound per square foot
- Can be warranted for wind speeds of up to 120 miles per hour
- System performance up to 30 years
- Ideal for roofs with high foot traffic
- Available VersiGard QA Reinforced EPDM membrane reduces installation time and minimizes disruption



Strong and Versatile

Mechanically Attached Roofing System

VersiGard Reinforced EPDM can be integrated with Versico's Mechanically Attached Roofing System. Insulation is mechanically fastened to the roof deck, and the membrane is mechanically fastened with fastening plates, polymer or metal fastening bars and the appropriate fasteners as specified in Versico's Specifications and Details.

Adjoining VersiGard Reinforced EPDM sheets are spliced together using QAT Seam Technology. Enhanced securement is achieved around the roof perimeter using Quick-Applied RTS (Reinforced Termination Strip) under the membrane.

- Can be warranted for wind speeds of up to 100 miles per hour
- Dead-level to 18:12 slopes can be accommodated
- Provides exceptional performance in a lightweight, cost efficient, rapid installation



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