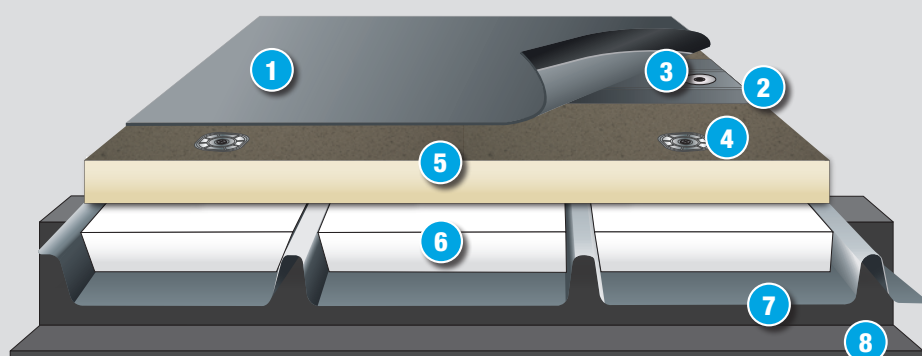




Mechanically Attached Metal Retrofit Roofing System



Typical Application

- 1 Reinforced Black EPDM Membrane
- 2 9"-Wide Quick-Applied Reinforced Termination Strip (QA RTS)
- 3 Versico Purlin Fasteners and Polymer Seam Plates
- 4 Insulation Fasteners
- 5 Polyiso Insulation
- 6 Flute Fill Insulation
- 7 Existing Metal Roof
- 8 Structural Purlin

Colors	Black (EPDM)
Standard Thicknesses	45-, 60- and 75-mil
Standard Widths	6.5' or 10' (reinforced EPDM)
Standard Lengths	100'

System Features and Benefits

- Retrofit option provides a long-term solution to metal roof problems
- Membrane attached to structural steel purlin
- Retrofit systems reduce noise associated with metal roofs
- Retrofit systems permit the addition of insulation to improve the energy efficiency of the structure
- UL Class A, B and universal slope ratings are available

VersiGard Reinforced EPDM Membrane

VersiGard polyester-reinforced EPDM roof membranes are available in thicknesses of 45-mil (1.14 mm), 60-mil (1.52 mm), and 75-mil (1.9 mm). Standard sheet size is 10' x 100' (3 m x 30 m). Versico offers 6.5' (1.98 m) wide sheets, ideal for use as perimeter sheets and to achieve certain uplift ratings, in 45- and 60-mil thicknesses. VersiGard membranes are formulated with fire retardants to inhibit spread of flame and meet or exceed UL Class A requirements for slopes up to 3" (76.2 mm), depending on the assembly.

Versico's QAT Seam Technology

With Versico's QAT Seam Technology, most of the labor to create seams between membrane panels is completed in a quality-controlled, state-of-the-art environment. This process results in a reliable seam with greater peel and shear strengths and with no entrapped air bubbles. Consistent placement of the QAT also maximizes the splice area and results in a high-quality seam. Versico QAT is available on all VersiGard EPDM membranes up to 10' (3 m) in width, providing the fastest way to complete a seam in today's roofing market. Versico's factory-applied seam tape has a shelf life of 1 year.





Metal Retrofit Mechanically Attached

Versico's 9"-wide QA RTS strip with two 3" strips of QA Seam Tape on either side is fastened into the structural purlins using Versico's Purlin Fasteners and Polymer Seam Plates for proper wind uplift resistance. Membrane securement is achieved by attaching VersiGard EPDM membrane to the RTS strips that are fastened into the structural purlins. Adjoining membrane sheets are spliced together using Versico's QA Seam Tape.

Insulation

Flute-Fill Insulation

A key component of a metal retrofit system is the addition of custom-fit insulation between the standing seams of the metal roof panels. Versico offers both EPS (expanded polystyrene) and Polyiso flute-fill insulation that can be factory cut to fit between each metal panel. This insulation layer also adds R-value and can be loose-laid or adhered.

Additional Insulation

Once flute-fill insulation has been installed, additional insulation ranging from a ¼-inch cover board to several inches of polyiso insulation can be mechanically fastened to the metal roof to create a smooth flat substrate for the membrane. Adding polyiso insulation and cover boards can add additional R-value to the system. Using a high-compressive strength polyiso cover board or gypsum cover board can also enhance impact resistance and fire resistance.

The above information represents a typical VersiGard Reinforced EPDM Mechanically Attached Metal Retrofit Roofing System. Refer to Versico's published specifications and details for more complete information.

Warranty

Consult your Versico Authorized Contractor, Independent Sales Representative, or Distributor for associated warranty charges.

Versico's EPDM mechanically attached metal retrofit roof systems are backed by our industry leading Total System Warranty provided all materials are manufactured or marketed by Versico. Five to twenty-five year total system warranties are available.



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