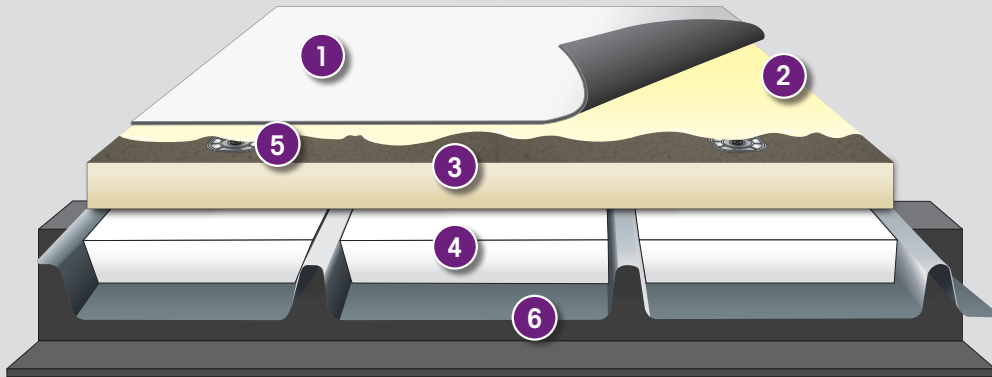




VERSIFLEX™ PVC/KEE HP

Fully Adhered Metal Retrofit



Typical Application

- 1 VersiFlex PVC or KEE HP Reinforced Membrane
- 2 Bonding Adhesive
- 3 Acceptable Insulation
- 4 Flute Fill Insulation
- 5 Insulation Fasteners and Plates
- 6 Existing Metal Roof

Colors	White, Gray, Tan, Light Gray and Slate Gray
Standard Thicknesses	50-, 60- and 80-mil
Standard Widths	40.5", 5', 81", 10'
Standard Lengths	50-mil – 100' 60-mil – 100' 80-mil – 75'

System Features and Benefits

- 50-, 60-, and 80-mil membrane thicknesses
- White, gray, tan, light gray and slate gray colors available
- Adds insulating value
- Heat-weldable seams
- Roofing membrane is CRRC rated and can contribute to LEED® requirements
- Excellent wind uplift performance
- Industry-leading PVC and KEE HP membranes provide exceptional weatherability, durability, and long-term rooftop performance

VersiFlex PVC and KEE HP Membranes

Versico's VersiFlex PVC and KEE HP are high-performance, heat-weldable, single-ply membranes that provide outstanding long-term performance in new construction and re-roofing applications. VersiFlex KEE HP membranes utilize the highest grade of DuPont™ Elvaloy® to ensure the membrane can withstand extreme climatic conditions.

VersiFlex PVC Accessories

Versico also offers over a dozen prefabricated, in-stock accessories, and countless custom-order accessories. All carry a CFA (Certified Fabricated Accessory) stamp of approval, so you know they've been manufactured to the highest quality standards. Every Versico CFA saves you time and money during installation.



VERSIFLEX PVC/KEE HP

Metal Retrofit Fully Adhered Roofing System Installation

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.

VersiFlex PVC/KEE HP Membrane:

The membrane is fully adhered to the substrate with CAV-GRIP PVC (PVC only), Low-VOC PVC Bonding Adhesive, or HydroBond Bonding Adhesive (PVC only). Adjoining sheets of membrane are overlapped and joined together with a minimum 1-½" wide hot air weld.

Membrane and System Strengths

- Economical to install over existing metal roofs
- Specially designed fastening system using induction welding plates anchors into the structural purlins (the strongest point of the roof) for optimum performance
- Easily installed over most aged metal roofs
- Heat-weldable seams provide a complete, monolithic membrane assembly
- VersiFlex PVC and KEE HP reinforced membranes are durable and puncture resistant

System Codes

For specific code approvals, refer to Versico's Code Approval Guide.

Warranty

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

Versico's metal retrofit roof systems, when properly installed and inspected on a commercial project, are backed by our industry leading Total System Warranty. Five to twenty year total system warranties are available when all materials used for the roofing installation are manufactured or marketed by Versico. Optional hail, puncture and reflectivity warranties available upon request.



Fully Adhered

Flutes of Existing Metal Roof are filled with an Acceptable Insulation

Flute Filler Attached By

Insulation is loose-laid or adhered into flutes

Approved insulation is then laid over Flute Filler

Insulation Attached By

Insulation is mechanically fastened into existing metal with Insultite Insulation Fastener or HPVX Fasteners

Membrane Attached By

For PVC: CAV-GRIP PVC (PVC only) Adhesive, PVC Bonding Adhesive, HydroBond Bonding Adhesive
For KEE HP: PVC Bonding Adhesive

For more information, refer to VersiFlex specifications. UL Class A Ratings available.

For current code approvals and warranties, visit Versico's website or contact a design analyst.



A SINGLE SOURCE FOR SINGLE-PLY ROOFING

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