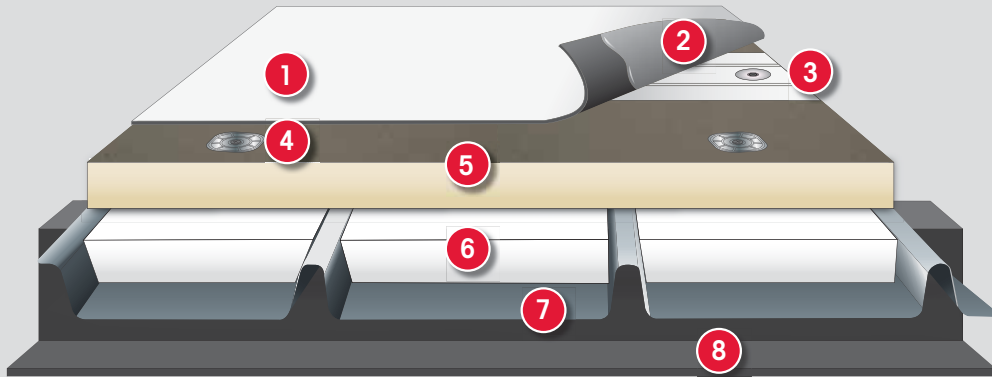




# VERSIWELD TPO

## Metal Retrofit Roofing System



### Typical Application

- 1 VersiWeld TPO Membrane
- 2 10"-wide RUSS™ (Reinforced Universal Securement Strip)
- 3 Versico Purlin Fasteners
- 4 HPV or HPVX Fasteners
- 5 Acceptable Insulation
- 6 Flute Fill Insulation
- 7 Existing Metal Roof
- 8 Structural Purlin

<b>Colors</b>	White, Gray, Tan, Medium Bronze, Rock Brown, Slate Gray, Terra Cotta and Patina Green
<b>Standard Thicknesses</b>	45-, 60- and 80-mil
<b>Standard Widths</b>	4', 6', 8', 10', and 12'
<b>Standard Lengths</b>	100'

### System Features and Benefits

- 45-, 60-, and 80-mil membrane thicknesses
- White, gray, and tan colors available, in addition to 5 special colors
- Adds additional insulating value
- Heat-weldable seams
- Roofing membrane is ENERGY STAR®\* qualified, CRRC rated and can contribute to LEED® requirements
- High wind uplift performance
- Industry-leading OctaGuard XT™ Weathering Package provides improved weatherability, durability, and long-term rooftop performance

### VersiWeld TPO Membrane

Versico's VersiWeld TPO is a premium, heat-weldable, single-ply thermoplastic polyolefin membrane, engineered to provide outstanding long-term performance in new roof construction and re-roofing applications. All VersiWeld TPO membranes utilize the patented OctaGuard XT weathering package technology, which is able to withstand extreme durability testing intended to simulate exposure to several climates.

### VersiWeld TPO Accessories

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





## Metal Retrofit Mechanically Attached 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 installed 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.

### VersiWeld TPO Membrane:

10" wide TPO Pressure-Sensitive RUSS strips are attached through the insulation (underlayment) to the purlins with Versico Purlin Fasteners. VersiWeld TPO membrane is primed and then adhered to the RUSS strips. Adjoining membrane sheets are hot-air welded together using an approved auto hot-air welder. Purlin Fasteners can be used in place of RUSS and primer.

## System Codes

- UL Class A, B and Unlimited Slope ratings are available
- Meets FM Loss Prevention Data Sheet 1-31.
- For code specifics, refer to Versico’s Code Approval Guide.

## Warranty

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

Versico’s metal retrofit roof systems are backed by our industry leading Total System Warranty. Five to twenty year total system warranties are available with optional hail, puncture and reflectivity warranties available upon request.



	Mechanically Attached	Induction Welded
	<b>Flutes of Existing Metal Roof are Filled with an Acceptable Insulation</b>	
<b>Flute Filler Attached By</b>	Insulation is loose-laid into flutes	
	<b>Approved insulation is then laid over Flute Filler</b>	
<b>Insulation Attached By</b>	Insulation Attached By Insulation is mechanically attached into existing metal with Insultite, HPV or HPVX Fasteners	
<b>Membrane Attached By</b>	Purlin Fasteners and HPVX Plates used to attach 10" TPO Pressure-Sensitive RUSS Strip into existing purlins	Purlin Fasteners and Induction Welding Plates

For current code approvals and warranties, visit Versico’s website or contact a design analyst.  
 \*\* Refer to Versico’s VersiWeld Design Criteria Portion of the Current Specification.



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