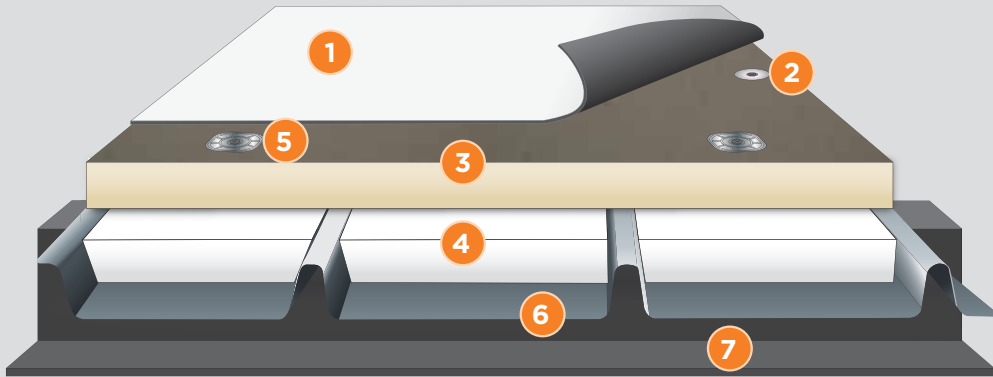


WeatherBond PVC

Mechanically Attached Metal Retrofit



Typical Application

- 1 PVC or KEE HP Reinforced Membrane
- 2 WeatherBond Approved Induction Welding Plates
- 3 Acceptable Insulation
- 4 Flute Filler
- 5 Insulation Fasteners and Plates
- 6 Existing Metal Roof
- 7 Structural Purlin

Colors:	White, Gray, Tan
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, and tan colors available
- Adds insulating value
- Heat-weldable seams
- Roofing membrane is ENERGY STAR® qualified, 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



WEATHERBOND
ROOFING SYSTEMS

PVC and KEE HP Membranes

WeatherBond's 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. KEE HP membranes utilize the highest grade of DuPont™ Elvaloy® to ensure the membrane can withstand extreme climatic conditions.

PVC Accessories

WeatherBond 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 WeatherBond CFA saves you time and money during installation.

Installation

An acceptable insulation is used to fill the metal deck flutes. A subsequent layer of insulation or coverboard is then installed and secured to the metal roof with WeatherBond Insulation Fastener or HPWX Fasteners and insulation plates.

Metal Retrofit Mechanically Attached Roofing System

PVC or KEE HP membrane is attached through the insulation (underlayment) to the purlins with WeatherBond approved fastener and induction welding plates. Adjoining membrane sheets are hot-air welded together using an approved welder.

Single-Ply Simplified

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
- PVC and KEE HP reinforced membranes are durable, puncture resistant, and ENERGY STAR qualified for cool roof designs



	Mechanically Attached	Induction Welded
	Flutes of Existing Metal Roof are filled with an Acceptable Insulation	
Flute Filler Attached By	Insulation is loose-laid into flutes	
	Approved insulation is then laid over Flute Filler	
Insulation Attached By	Insulation is mechanically fastened into existing metal with WeatherBond Insulation Fastener or HPWX Fasteners	
Membrane Attached By	WeatherBond Approved fastener and HPWX Plates are used to attach PVC or KEE HP membrane to existing purlins	WeatherBond Approved fastener and induction welding plates are used to attach PVC or KEE HP membrane to existing purlins



WEATHERBOND
ROOFING SYSTEMS

Single-Ply Simplified

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