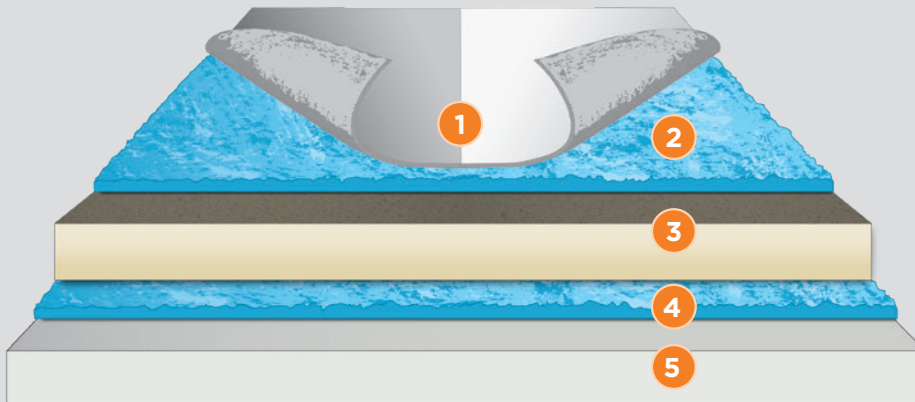


WeatherBond **PVC/KEE HP**

Fleece Fully-Adhered Roofing System



Typical Application

- 1 WeatherBond Fleece PVC/KEE HP Membrane
- 2 Flexible DASH Adhesive
- 3 Acceptable Insulation
- 4 Flexible DASH Adhesive
- 5 Approved Roof Deck

WeatherBond Fleece PVC Membranes for adhered roofing systems are available in the following:

Thickness	Roll Size	Color
105-mil (KEE HP Only)	10' x 100'	White, Gray and Tan
115-mil	10' x 100'	White, Gray, Tan, Light Gray, and Slate Gray*
135-mil	10' x 75'	White, Gray, Tan, Light Gray, and Slate Gray**

*Light Gray and Slate Gray not available in 115-mil KEE HP
 **Slate Gray not available in 135-mil KEE HP

System Features And Benefits:

- Added Puncture / Tear Resistance
 - Polyester scrim and external Fleece provide excellent puncture resistance
 - Fleece backing provides 30% greater puncture resistance than standard membrane
 - Combination of Fleece PVC membrane with Flexible DASH adhesive increases puncture resistance up to 50% compared to traditional competitive low-rise adhesives
- Superior Wind Uplift
 - Uplift pressures ranging from 90–945 psf depending on the substrate. Due to its superior wind uplift performance, the Fleece/Flexible DASH Adhesive System can qualify for upgraded wind speed warranties of 80–120 mph with design enhancements
- Increased Hail Performance
 - Passes FM's severe hail test
 - Passes UL-2218 Class 4 rating
- Expedient Installation without Interruptions
 - Due to the low noise and low odor associated with the system, the Fleece/Flexible DASH assembly is an excellent choice for re-roofing occupied buildings, as there is minimal disruption
 - Labor-savings 10'-wide sheets result in 67% fewer seams than a modified bitumen system of comparable size



WEATHERBOND
 ROOFING SYSTEMS

Single-Ply Simplified

- Energy Efficient and Environmentally Sound
 - Each layer of full coverage Flexible DASH provides an additional R-Value of .20-.50 per layer
 - Insulation adhered with Flexible DASH can reduce R-value loss by 3-8% by expanding and sealing insulation joints
- Longer Term Performance
 - Enhanced physical property characterizes for long-term weatherability
 - Excellent chemical resistance to acids, bases, restaurant oils, and grease
 - Meets ENERGY STAR®, CRRC, LEED, and Title 24 guidelines (white only)

WeatherBond PVC and KEE HP Fleece Membrane

WeatherBond's Fleece PVC and KEE HP reinforced membrane is tough, durable, and versatile, making it ideal for a wide variety of re-roofing and new construction projects.

WeatherBond Fleece PVC polyester reinforced membrane offers exceptional weatherability, flexibility, and toughness due to its polyester reinforcing scrim and polyester fleece backing. The polyester reinforcing scrim provides the sheet with added breaking strength, tear strength and puncture resistance for fully adhered or mechanically attached applications; the fleece backing adds to the puncture-resistance of the membrane and provides a built-in separation layer against rough concrete decks or existing asphaltic-based roofing systems. Years of proven PVC formulation performance helps to ensure the membrane remains pliable and weldable as it ages.

WeatherBond's Fleece KEE HP membrane includes DuPont Elvaloy KEE HP copolymer. Elvaloy KEE HP is a solid plasticizer that won't migrate out of the sheet over time, helps to ensure the membrane remains pliable and weldable as it ages and reduces the amount of smoke generated during the welding process.

PVC Accessories

WeatherBond 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 WeatherBond CFA-approved accessory saves time and money during installation.



	New Construction						Re-roofing		
Existing or New Deck Type	Steel	Plywood or OSB	Lt. Wt. Concrete	Structural Concrete	Wood Planks	Gypsum & Fibrous Cement	Smooth-Surface BUR	Gravel-Surfaced BUR	Existing Single-Ply
Insulation Required	Yes	No	No	No	No	No	No	Yes	No
Recommended Insulations	Polyiso, Dens-Deck, Securock, HP Recovery Board or SecurShield HD over acceptable Insulation						← Refer to New Construction		
Insulation Attached By	Flexible DASH Adhesive or WeatherBond HPW Fasteners						← Refer to New Construction		
Membrane Attached By	Flexible DASH Adhesive						← Refer to New Construction		

FOR TEAR OFF OPTIONS REFER TO NEW CONSTRUCTION ABOVE.
 For current code approvals contact a design analyst.
 * Refer to WeatherBond's installation instructions for specific installation requirements.



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