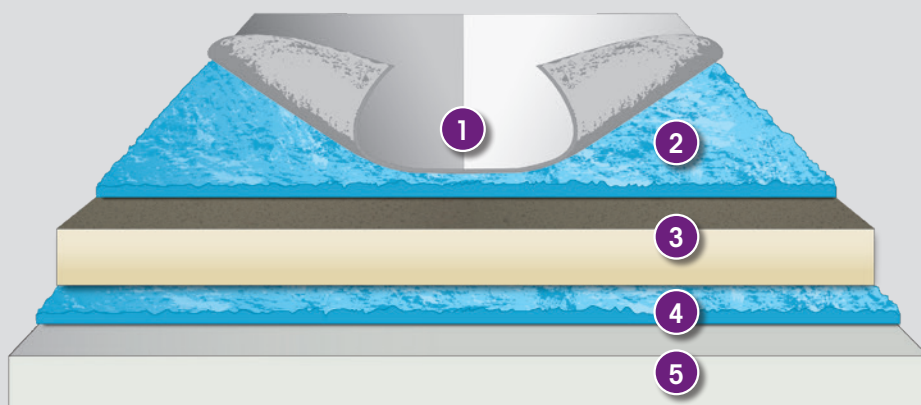


VERSIFLEECE PVC/KEE HP

Adhered Roofing System



Typical Application

- 1 VersiFleece PVC or KEE HP Polyester Reinforced Membrane
- 2 Flexible DASH Adhesive
- 3 Approved Versico Insulation
- 4 Flexible DASH Adhesive
- 5 Approved Roof Deck

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

Thicknesses	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

Overview

Versico's VersiFleece PVC polyester reinforced membrane is tough, durable, and versatile, making it ideal for a wide variety of re-roofing and new construction projects.

VersiFleece 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.

Versico's VersiFleece 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.

System Features & 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 VersiFleece 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 VersiFleece/Flexible DASH Adhesive System can qualify for upgraded wind speed warranties of 80-120 mph with design enhancements



VERSIFLEECE PVC/KEE HP

- 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 VersiFleece/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
- 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)

	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	Versico Polyiso, DensDeck®, SECUROCK® or SecurShield® HD over acceptable insulation						← Refer to New Construction		
Insulation Attached By	Flexible DASH Adhesive or Versico HPV 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 and warranties, visit Versico's website or contact a design analyst.

Warranty Options: VersiFleece PVC

Mil-Thickness	Warranty Length	Accidental Puncture Coverage with Flexible DASH at Full Coverage	Hail Coverage with Flexible DASH at Full Coverage
115-mil	20 year	16 man-hours per year	Up to 2" diameter hail
135-mil	30 year	32 man-hours per year	Up to 3" diameter hail

Warranty Options: VersiFleece KEE HP

Mil-Thickness	Warranty Length	Accidental Puncture Coverage	Hail Coverage with Flexible DASH at Full Coverage
105-mil	10, 15, or 20 year	-	Up to 1" diameter hail
115-mil	25 year	16 man-hours per year	Up to 2" diameter hail
135-mil	30 year	32 man-hours per year	Up to 3" diameter hail

- A maximum peak gust wind speed coverage of 120mph is available with design enhancements
- For projects specified with warranties greater than 20 year and/or wind coverage specified greater than 80mph, additional design enhancements are required
- Refer to Versico's currently published specifications and details for additional warranty information and specific requirements concerning the application of this roof



A SINGLE SOURCE FOR SINGLE-PLY ROOFING

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