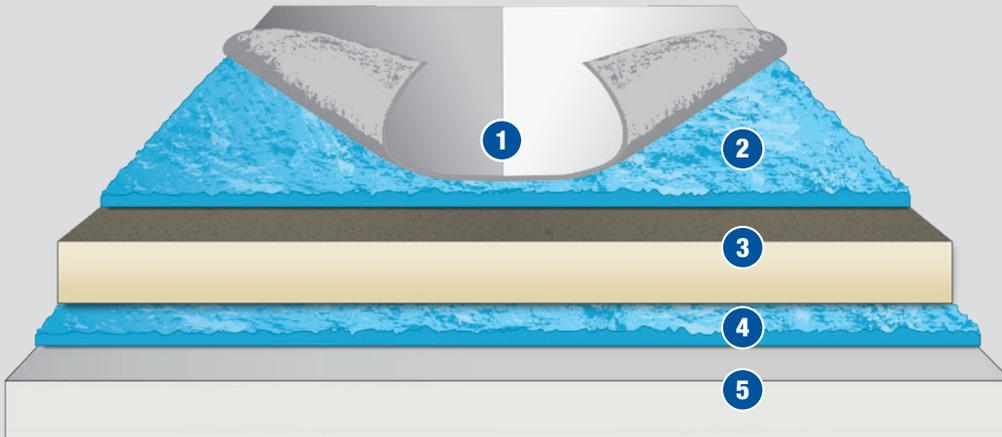


# FleeceBACK® PVC

## Adhered System



- 1** FleeceBACK PVC Polyester Reinforced Membrane
- 2** Flexible FAST™ Adhesive
- 3** Approved Carlisle Insulation
- 4** Flexible FAST Adhesive
- 5** Approved Roof Deck

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

Thicknesses	Roll Size	Color
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

### Description

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

FleeceBACK 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.

### 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 FleeceBACK PVC membrane with Flexible FAST 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 FleeceBACK/Flexible FAST 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

# FleeceBACK® PVC Adhered System

- » Expedient Installation without Interruptions
  - Due to the low noise and low odor associated with the system, the FleeceBACK/Flexible FAST 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 Sounds
  - Each layer of full coverage Flexible FAST provides an additional R-Value of .20-.50 per layer
  - Insulation adhered with Flexible FAST 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)

Existing or New Deck Type	New Construction						Re-roofing		
	Steel	Plywood or OSB	Lt. Wt. Concrete	Structural Concrete	Wood Planks	Gypsum & Fibrous Cement	Smooth BUR Surface	Gravel Surfaced BUR	Existing Single-Ply
<b>Insulation Required</b>	Yes	No	No	No	No	No	No	Yes	No
<b>Recommended Insulations</b>	Carlisle Polyiso, DensDeck®, SECUROCK® or SecurShield® HD over acceptable insulation						← Refer to New Construction		
<b>Insulation Attached By</b>	Flexible FAST Adhesive or Carlisle HP Fasteners						← Refer to New Construction		
<b>Membrane Attached By</b>	Flexible FAST Adhesive						← Refer to New Construction		

FOR TEAR OFF OPTIONS REFER TO NEW CONSTRUCTION ABOVE.  
For current code approvals and warranties, visit Carlisle's web site or contact a design analyst.

## Warranty Options

Mil-Thickness	Warranty Length	Accidental Puncture Coverage with Flexible FAST at Full Coverage	Hail Coverage with Flexible FAST at Full Coverage
115-mil	15 or 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

- » A 10-, 15-, 20-, 25-, or 30-year Golden Seal™ Total System Warranty may be requested when all materials used for the roofing installation are manufactured or marketed by Carlisle
- » 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 Carlisle's currently published specifications and details for additional warranty information and specific requirements concerning the application of this roof