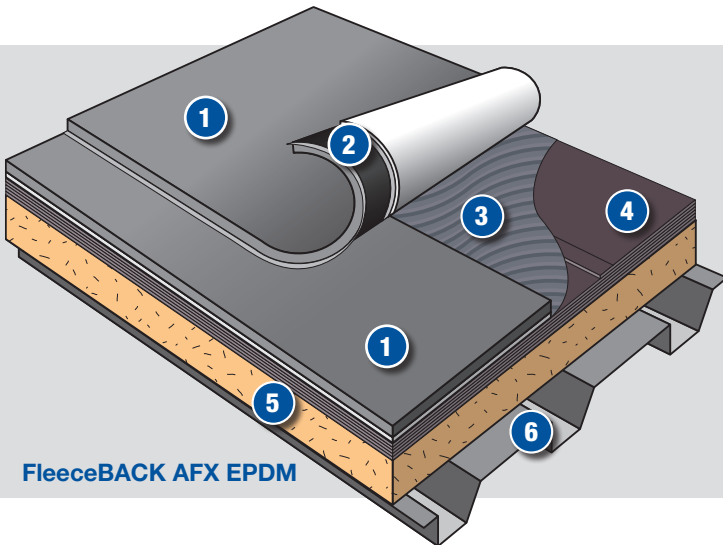
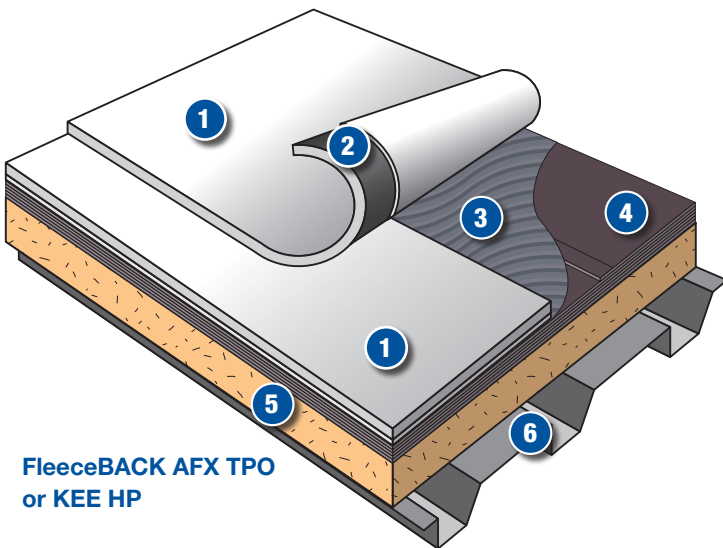


FleeceBACK® AFX

Multiple-Ply Roofing Systems



FleeceBACK AFX EPDM



FleeceBACK AFX TPO
or KEE HP

Typical ColdApplied Application

- 1 FleeceBACK AFX Membrane
- 2 3" or 6" Factory-Applied Tape™ on EPDM or 2.5" Selvege Edge for TPO and KEE HP
- 3 Carlisle Modified ColdApplied Adhesive
- 4 Existing Smooth or Mineral-Surfaced Built-Up or Modified Bitumen Systems
- 5 Existing Insulation
- 6 Metal Deck

System Features & Benefits:

- » Eliminates hot kettles, their perceived odors and possible rooftop safety issues
- » Fast and quiet; less disruptive installation
- » Low-VOC ColdApplied adhesive
- » Recover applications can receive Total System Warranty coverage up to 20-years with optional hail and accidental puncture coverage
- » No dangerous torches or open flames
- » Added redundancy
- » Up to 75% fewer seams than Modified Bitumen
- » Improved resistance to ponding water

FleeceBACK AFX EPDM:

Thicknesses	
AFX 90-mil	45-mils of EPDM + Fleece
AFX 105-mil	60-mils of EPDM + Fleece
Standard Widths	4.5' and 10'
Standard Lengths	50' and 100' (4.5' only available with 50')

FleeceBACK KEE HP:

Thicknesses	
105-mil	50-mils of KEE HP + Fleece
115-mil	60-mils of KEE HP + Fleece
135-mil	80-mils of KEE HP + Fleece
Standard Widths	10'
Standard Lengths	105-mil = 100'; 115-mil = 80'; 135-mil = 65'

FleeceBACK AFX TPO:

Thicknesses	
AFX 120-mil	45-mils of TPO + Fleece
AFX 135-mil	60-mils of TPO + Fleece
AFX 155-mil	80-mils of TPO + Fleece
Standard Widths	6' and 12'
Standard Lengths	75'

FleeceBACK AFX

Multiple-Ply Roofing Systems

Carlisle's FleeceBACK AFX ColdApplied system uses highly puncture-resistant FleeceBACK AFX EPDM or TPO or FleeceBACK KEE HP membranes adhered with Carlisle's ColdApplied adhesive. The system works great for recovering existing asphalt-based roofing systems, as the AFX EPDM, AFX TPO, or FleeceBACK KEE HP membranes can be adhered directly to primed or power-washed smooth or granular surface BUR or SBS modified bitumen systems. If insulation is required, the ColdApplied Adhesive adheres to most types, including polyiso, high-density fiberboard, DensDeck® Prime, lightweight concrete and OSB.

FleeceBACK AFX EPDM

- » 10' x 50' or 100' cap sheets reduce field seams by up to 67% when compared to 3'-wide alternatives
- » 4.5' x 50' cap sheet reduces field seams by 34%
- » 7.5 oz. / square yard patented AFX fleece technology dramatically improves puncture and tear resistance
- » Available with 3" or 6" Factory-Applied Tape
- » Excellent elongation and cold weather flexibility

FleeceBACK AFX TPO

- » 6' or 12' x 75' wide cap sheets reduce field seams when compared to 3' wide alternatives
- » 10 oz. / square yard AFX fleece technology dramatically improves puncture and tear resistance

FleeceBACK KEE HP

- » Superior wind uplift performance due to a mechanical bond between fleece and adhesive
- » 67% fewer seams than Modified Bitumen with 10'-wide sheet
- » Fleece reinforcement adds toughness, durability, and enhanced puncture resistance
- » LEED® and California Title 24 Compliant

System Codes

Existing UL or FM code approvals are maintained with the recovering of many existing asphalt-based roof systems. UL Class A, B and Universal Slope ratings are available over most deck types. FM Uplift ratings range from I-90 to I-555. Please contact a Carlisle Design Analyst for specifics.

Quality Assurance

Carlisle Authorized Applicators are trained to install Carlisle's ColdApplied Roofing System.

Inspection

Upon installation completion, and prior to the issuance of a membrane system warranty, an inspection will be conducted by a Carlisle Field Service Representative.

Warranty

When properly installed and inspected on a commercial project, this system may receive:

- » A 5- or 10-year Membrane Systems Warranty
- » 10-, 15-, and 20-year Total Systems Warranties are available for an additional charge on projects in which all components are manufactured, marketed or specifically approved by Carlisle
- » Standard 55 mph wind speed warranty with options for up to 100 mph
- » Accidental Puncture and Hail warranty available

Consult your Authorized Applicator or Carlisle Manufacturer's Representative/Distributor for associated warranty charges. For more specifics, or information on International warranty programs, please contact Carlisle.



New Construction								Recover			
Existing or New Deck Type	Steel	Plywood or OSB	Lt. Wt. Concrete	Structural Concrete	Wood Planks	Gypsum	Fibrous Cement	Existing Roof system	Smooth BUR Mineral cap sheet or SBS modified	Gravel BUR	Single-Ply
Insulation or Underlayment Required	Yes	No	Yes	No	No	No	Yes	Insulation or Underlayment Required	No (powerwashed)		Yes
Recommended Insulations or Underlayment	Carlisle Polyiso, OSB, HP Recovery Board, or Carlisle's Modified Base Ply							Recommended Insulations or Underlayments	None Required		Carlisle Insulation Overlaid with HP Recovery board
Insulation or Underlayment Attached By	Foaming Adhesive or Type III or IV Asphalt (non-penetrating), Carlisle Fasteners and Plates							Insulation or Underlayment Attached By	N/A		Carlisle Fasteners/Plates
Membrane Attached By	Carlisle ColdApplied Adhesive							Membrane Attached By	Carlisle ColdApplied Adhesive		

For new construction or tear-off options, code approvals and warranties, visit Carlisle's website or contact a Carlisle Design Analyst.