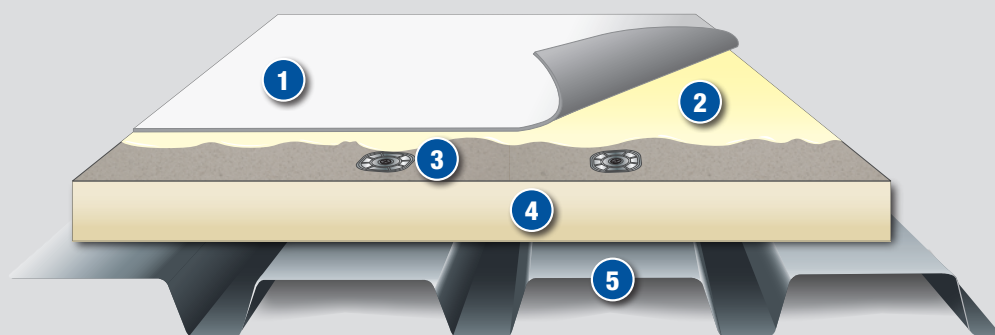


Sure-Flex™ PVC/KEE HP

Fully Adhered Roofing System



- 1 Sure-Flex PVC or KEE HP Reinforced Membrane
- 2 Bonding Adhesive
- 3 Fasteners and Plates
- 4 Approved Carlisle Insulation
- 5 Approved Roof Deck

Sure-Flex Membrane for Fully Adhered Roofing Systems is available in the following:

Color	PVC: White, Gray, Tan, Light Gray, and Slate Gray KEE HP: White, Gray, Tan, and Light Gray
Thicknesses (mils)	50, 60, and 80
Standard Widths	PVC Membrane: 10', 81", 5' and 40.5" KEE HP Membrane: 10' and 5'
Standard Lengths	50-mil: 100', 60-mil: 100', 80-mil: 75'

System Features & Benefits:

- » Meets CRRC, LEED®, and Title 24 guidelines (white and light gray)
- » Heat-weldable membranes
- » UL/FM codes and approvals
- » Highly solar reflective “cool” membrane saves on air conditioning costs
- » Enhanced physical property characteristics for long-term weatherability
- » Excellent chemical resistance to acids, bases, restaurant oils, and greases

Existing or New Deck Type	New Construction						Re-roofing		
	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	Yes	No	Yes	Yes	Yes	Yes	Yes
Recommended Insulations	Carlisle Polyiso, OSB, Carlisle HP Recovery Board, DensDeck® Prime or Approved Insulation Over Carlisle Polystyrene						← Refer to New Construction		
Insulation Attached By	Urethane Foam Adhesive, InsulFast™ or Carlisle HP Fasteners						REFER TO SPECIFICATIONS		
Membrane Attached By	For PVC: CAV-GRIP® PVC Adhesive, PVC Bonding Adhesive or HydroBond™ For KEE HP: PVC Bonding 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.

Sure-Flex PVC/KEE HP

Fully Adhered Roofing System



An Ideal Re-Roofing Solution

Convenience: No drilling needed to fasten the membrane and disrupt building occupants

Value: Variety of adhesive options to speed up application

Performance: Highly reflective and chemically resistant roof system

Installation

Carlisle's Sure-Flex Fully Adhered Roofing System utilizes white, gray, tan, light gray, or slate gray membranes in reinforced 50-, 60- or 80-mil thicknesses. Insulation, where required, is secured to an acceptable roof deck.

Sure-Flex membrane sheets are fully adhered to the insulation or substrate with either Carlisle's CAV-GRIP PVC Adhesive (PVC only), PVC Low-VOC Bonding Adhesive, or HydroBond Bonding Adhesive (PVC only). Adjoining sheets are hot-air welded.

The above information represents a typical Carlisle Sure-Flex Fully Adhered Roofing System. Refer to Carlisle's published specifications and details for more complete information.

Membrane and System Strengths

- » Sure-Flex KEE HP membranes are enhanced with the highest grade of DuPont's Elvaloy®
- » Wide window of weldability affords easy membrane seaming
- » Hot-air-welded seams enhance ease of installation
- » High solar reflectivity "cool" roof saves on air conditioning costs

Certified Fabricated Accessories

Certified Fabricated Accessories (CFAs) are the only factory-fabricated PVC accessories that meet the stringent quality tolerances required to be included in a warranted Carlisle PVC roofing system.

System Codes

- » UL Class A, B and Unlimited Slope ratings are available over standard roof deck types. FM uplift values up to 285 psf can be achieved. For code specifics, refer to Carlisle's Sure-Flex Code Approval Guide.

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

Consult your Authorized Applicator or Carlisle Manufacturer's Representative/Distributor for associated warranty charges.

Provided all materials are manufactured or marketed by Carlisle, this system properly installed and inspected on a commercial project may receive:

Warranty Options

	Sure-Flex PVC Membrane					Sure-Flex KEE HP Membrane				
	10-Year	15-Year	20-Year	25-Year	30-Year	10-Year	15-Year	20-Year	25-Year	30-Year
50-Mil	X	X				X	X	X		
60-Mil	X	X	X			X	X	X	X	
80-Mil	X	X	X	X		X	X	X	X	X

For more specifics or for International warranty programs, contact Carlisle.

