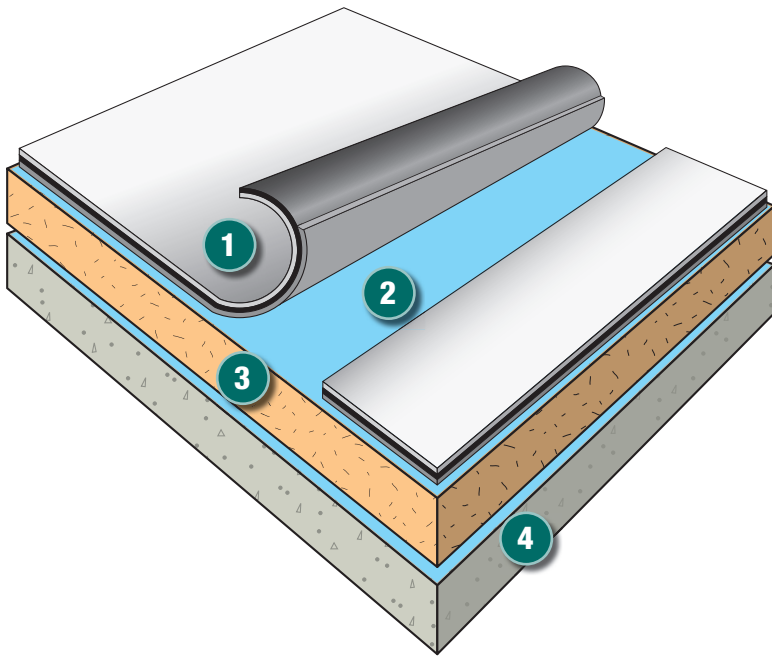




SURE-Flex™ FLEECEBACK®

FULLY ADHERED ROOFING SYSTEM



TYPICAL APPLICATION

- 1 Sure-Flex KEE FRS FleeceBACK Membrane
- 2 Elongating Flexible FAST™ Adhesive or FAST Adhesive
- 3 Acceptable Insulation
- 4 Approved Roof Deck

SYSTEM FEATURES AND BENEFITS INCLUDE:

- Heat-weldable membranes
- Reduced noise during installation
- High wind uplift performance
- Excellent Fire Resistance
- KEE improves chemical resistance and reduces dirt pick-up
- Fiberglass Reinforced Scrim (FRS) adds dimensional stability for adhered applications
- Can be installed on non-nailable decks using patented VOC-free Flexible FAST Adhesive or FAST Adhesive for secure attachment
- White Sure-Flex FleeceBACK membrane meets ENERGY STAR®* qualification guidelines
- Flexible FAST Adhesive offers elongation up to 150%

Fully Adhered Systems are available in the following:

Color: White

Thicknesses (mils) PVC + Fleece: 105, 115 and 135

Standard Width: 10'

Standard Lengths: 100', 80' and 65'

EXISTING OR NEW DECK TYPE	NEW CONSTRUCTION						REROOFING		
	STEEL	PLYWOOD	LT. WT. CONCRETE	STRUCTURAL CONCRETE	WOOD PLANKS	GYPSUM & FIBROUS CEMENT	SMOOTH BUR SURFACE	GRAVEL SURFACED BUR	EXISTING SINGLE PLY
INSULATION REQUIRED	YES	NO	NO	NO	NO	NO	NO	YES	NO
RECOMMENDED INSULATIONS	CARLISLE POLYISO, DENS-DECK, SECURROCK, HP RECOVERY BOARD or SECURSHIELD HD OVER ACCEPTABLE INSULATION						REFER TO NEW CONSTRUCTION		
INSULATION ATTACHED BY	FAST ADHESIVE OR CARLISLE FASTENERS						REFER TO NEW CONSTRUCTION		
MEMBRANE ATTACHED BY	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.

* Refer to Carlisle's Sure-Flex Design Criteria Portion of the Current Specification.





SURE-Flex FLEECEBACK

FULLY ADHERED ROOFING SYSTEM

Project Information

This Fully Adhered Roofing System is being installed for the project named below.

Job Name: _____

City: _____

State: _____

The Carlisle Authorized Roofing Applicator is: _____

Company Name: _____

Address: _____

City: _____

State: _____

Zip: _____

Phone: _____

Installation

Carlisle's Sure-Flex FleeceBACK Fully Adhered Roofing System utilizes 50, 60 or 80-mil-thick white Sure-Flex thermoplastic PVC membrane laminated to a non-woven polyester fleece backing.

FAST Adhesive, a low-rise insulating, two-component spray- or bead-applied polyurethane adhesive, is used to adhere insulation to the substrate. FAST Adhesive is then sprayed onto the insulation and Sure-Flex FleeceBACK membrane is rolled into the foamed adhesive after it develops string/body. Adjoining sheets are hot air welded to form a monolithic assembly.

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

Sure-Flex Membrane Strengths

- Sure-Flex FleeceBACK Membranes are available in white, 10'-widths
- When tested for puncture resistance, Sure-Flex FleeceBACK results were notably better than competitive Modified Bitumen Systems
- Sure-Flex white membrane reflectivity values meet and/or exceed the ENERGY STAR qualifications
- 10'-wide widths result in substantial material and labor savings
- Membranes tolerate frequent foot traffic
- Sure-Flex KEE FleeceBACK resists dirt pickup and bacteria growth and minimizes plasticizer loss over the life of the membrane
- Fiberglass Reinforced Scrim is ideal for Adhered System applications
- KEE also produces less smoke during welding

System Codes

UL Class A and B ratings are available over various deck types. FM codes are available ranging from FM 1-90 to FM 1-855 For code specifics, also refer to Carlisle's Code Approval Guide.

Quality Assurance

Carlisle Authorized Applicators have been trained to install Fully Adhered Roofing Systems

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.

This system properly installed and inspected on a commercial project may receive:

- 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 120 mph is available with design enhancements
- A hail resistance warranty may be included for up to 1" hail for Sure-Flex FleeceBACK 105-mil and up to 2" hail for Sure-Flex FleeceBACK 115- or 135-mil membranes. Hail warranties require the use of Flexible FAST in full coverage spray or beads at 4" o.c.
- A limited accidental puncture warranty is also available when using Sure-Flex FleeceBACK 115- or 135-mil membrane

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

