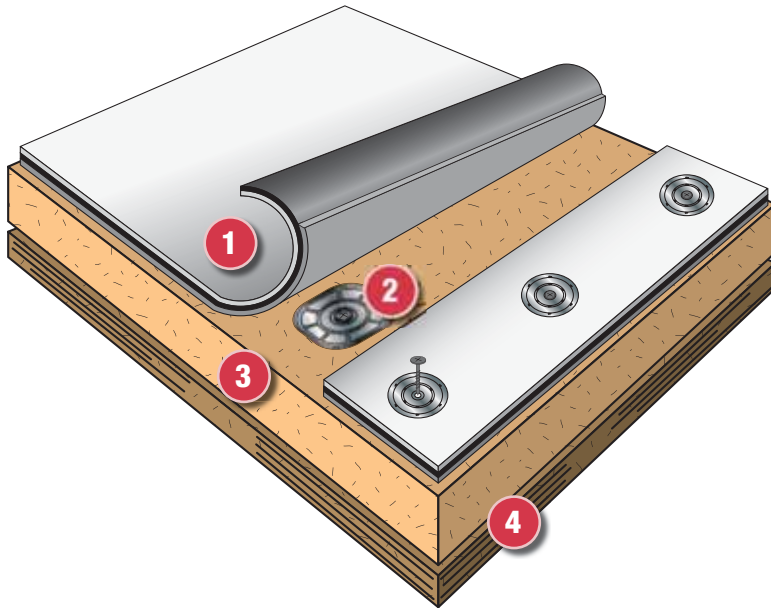




SURE-WELD FLEECEBACK®

MECHANICALLY FASTENED ROOFING SYSTEM



TYPICAL APPLICATION

- 1 Sure-Weld FleeceBACK Membrane
- 2 Carlisle Fasteners and Plates
- 3 Acceptable Insulation
- 4 Approved Roof Deck

SYSTEM FEATURES AND BENEFITS INCLUDE:

- UL Class A fire rating and FM approved
- System installation not restricted by ambient temperature limits
- 12' wide sheet reduces seams by over 75% compared to Modified Bitumen sheets
- ENERGY STAR® rating for white and tan Sure-Weld FleeceBACK membrane
- Sheet contains no chlorine or plasticizers
- Exceptional weatherability and durability
- Reflectivity warranty available
- Ideal for recovering smooth BUR, Modified Bitumen or Mineral Cap Sheet

Mechanically Fastened Systems are available in the following:

Colors: White, Gray, Tan

Thicknesses (mils) TPO + Fleece: 100 and 115

Standard Widths: 6' and 12'

Standard Lengths: 50' and 100' (6' only in 100' roll)

EXISTING OR NEW DECK TYPE	NEW CONSTRUCTION						REROOFING		
	STEEL	PLYWOOD OR OSB	LT. WT. INSULATING CONCRETE	STRUCTURAL CONCRETE	WOOD PLANKS	GYPSUM & FIBROUS CEMENT	SMOOTH BUR SURFACE	GRAVEL SURFACED BUR	EXISTING SINGLE PLY
DECK OVERLAYMENT REQUIRED	INSULATION	NO	NO	NO	INSULATION	INSULATION	NO	INSULATION	NO*
RECOMMENDED INSULATIONS	CARLISLE POLYISO, HP RECOVERY BOARD, DENS-DECK, SECUROCK OR HP RECOVERY BOARD OVER ACCEPTABLE INSULATION						REFER TO NEW CONSTRUCTION		
INSULATION ATTACHED BY	CARLISLE FASTENERS AND PLATES						REFER TO NEW CONSTRUCTION		
MEMBRANE ATTACHED BY	HPX FASTENERS/PIRANHA PLATES; HPXTRA FAST/PIRANHA XTRA PLATE	HPX FASTENERS/PIRANHA PLATES; HPXTRA FAST/PIRANHA XTRA PLATE	LT. WT. DECK FASTENERS/PLATES	CD-10 OR HD 14-10 FASTENERS/PLATES	HPX FASTENERS/PIRANHA PLATES	LT. WT. DECK FASTENERS/PLATES	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.

* Not acceptable over PVC or single ply ballasted systems.



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Carlisle SynTec



SURE-WELD FLEECEBACK

MECHANICALLY FASTENED
ROOFING SYSTEM

Project Information

This Mechanically Fastened 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-Weld FleeceBACK Mechanically-Fastened Roofing System utilizes 45- or 60-mil thick white, gray or tan Sure-Weld thermoplastic polyolefin (TPO) membrane laminated to a non-woven polyester fleece backing.

Insulation is mechanically fastened to an acceptable roof deck. Sure-Weld FleeceBACK membrane sheets are mechanically fastened to the deck with Carlisle HPX or HPXtra Fasteners and appropriate Piranha Plates. Adjoining sheets are overlapped and joined together with a minimum 1½" wide hot air weld.

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

Sure-Weld Membrane Strengths

- Sure-Weld FleeceBACK membrane is available in white, gray and tan in 12' widths. 6' widths available in white and gray
- When tested for puncture resistance, Sure-Weld FleeceBACK results were notably better than competitive PVC, Hypalon and Modified Bitumen membranes
- Sure-Weld white and tan membrane reflectivity values meet and/or exceed the ENERGY STAR program requirements
- Sure-Weld membranes are considered environmentally friendly as they do not contain chlorine or plasticizers
- 12' widths result in substantial material and labor savings
- 6' wide sheet is ideal for small cut-up projects or perimeter sheets
- Membranes resist hail damage and tolerate frequent foot traffic

- Fleece acts as a separator from asphalt materials
- Sure-Weld membrane features OctaGuard XT weathering technology, which provides superior long-term weathering protection. OctaGuard XT technology is comprised of eight performance enhancing ingredients, including three antioxidants, three UV light stabilizers as well as organic and inorganic UV absorbers providing a weathering package second to none in the TPO industry.
- Sure-Weld FleeceBACK's smooth top-ply surface resists dirt pickup and bacteria growth plus provides for a clean monolithic seam weld

System Codes

UL Class A and B ratings are available over various deck types.

FM codes are available over various deck types.

For code specifics, also refer to Carlisle's Code Approval Guide.

Quality Assurance

Carlisle Authorized Applicators have been trained to install Mechanically Fastened 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 5- or 10- year Membrane System Warranty; peak gust wind speed coverage up to 55 mph.
- A 10-year, 15-year or 20-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 72 mph is available
- A 10-year Reflective Warranty (based on ENERGY STAR criteria) is available for white membrane.

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



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