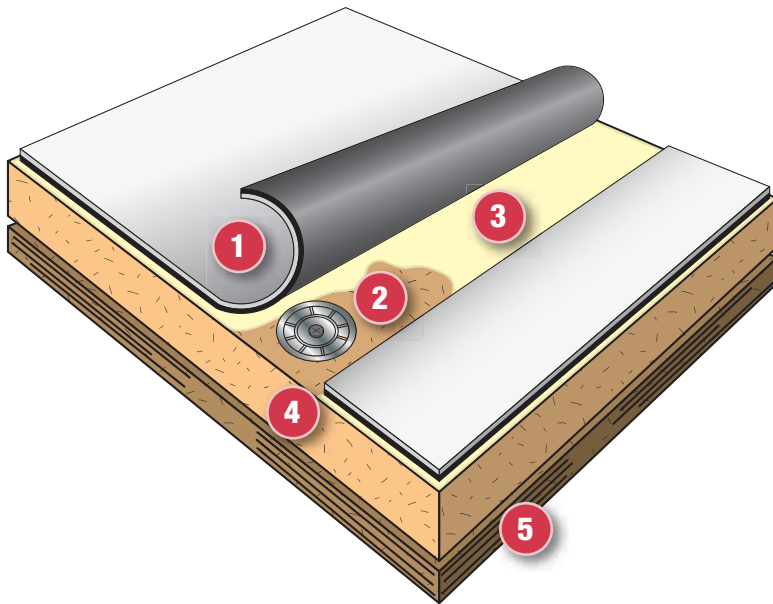




SURE-WELD®

FULLY ADHERED
ROOFING SYSTEM



TYPICAL APPLICATION

- 1 Sure-Weld Reinforced Membrane
- 2 Carlisle Insulation Fasteners and Plates
- 3 Sure-Weld Bonding Adhesive
- 4 Acceptable Insulation
- 5 Approved Roof Deck

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

Colors: White, Gray, Tan

Thickness (mils): 45, 60, 72 and 80

Standard Widths: 6', 8', 10' and 12'

Standard Lengths: 100'

SYSTEM FEATURES AND BENEFITS INCLUDE:

- Heat-weldable membranes
- High wind uplift performance
- Hail and high puncture resistance
- Top ply membrane thickness adds improved long-term weatherability and durability
- Sure-Weld white and tan membranes meet ENERGY STAR® guidelines

EXISTING OR NEW DECK TYPE	NEW CONSTRUCTION						REROOFING		
	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	*REFER TO SPECS	NO	YES	YES	NO	YES	YES
RECOMMENDED INSULATIONS	CARLISLE POLYISO, CARLISLE HP RECOVERY BOARD OR CARLISLE POLYSTYRENE WITH AN APPROVED COVERBOARD						← REFER TO NEW CONSTRUCTION		
INSULATION ATTACHED BY	FAST ADHESIVE (NON-PENETRATING), INSULFAST OR CARLISLE HP FASTENERS						← REFER TO NEW CONSTRUCTION		
MEMBRANE ATTACHED BY	SURE-WELD 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.

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

Investing in Roofing Solutions for Over 45 Years

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TPO Membrane

Carlisle Sure-Weld is a premium, heat-weldable, single-ply thermoplastic polyolefin (TPO) membrane, engineered to provide outstanding long-term performance in new roof construction and re-roofing applications. All Sure-Weld TPO membranes utilize the patented OctaGuard XT™ weathering package technology, which is able to withstand extreme durability testing intended to stimulate exposure to several climates.

TPO Accessories

Carlisle also offers over a dozen prefabricated, in-stock, standard-order accessories and countless custom-order accessories. All carry a CFA (Certified Fabricated Accessory) stamp of approval, so you know they are manufactured to the highest standards. Every Carlisle CFA-approved accessory saves time and money during installation.



Installation

Carlisle's Sure-Weld Fully-Adhered Roofing System utilizes white, gray or tan membranes in standard reinforced 45- or 60-mil thickness or 72- or 80-mil thick reinforced Sure-Weld EXTRA™.

Insulation, where required, is secured to an acceptable roof deck. Sure-Weld membrane sheets are fully-adhered to the insulation or substrate with Carlisle's Sure-Weld Bonding Adhesive. Adjoining sheets are hot air welded.

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

Membrane and System Strengths

- Sure-Weld membrane is available in white, gray and tan; 6'-, 8'-, 10'- and 12'-widths
- Provides superior puncture and hail resistance
- Because white and tan Sure-Weld reflectivity values exceed industry standards, they both are ENERGY STAR® rated
- Puncture warranty available with 72- and 80-mil EXTRA membrane
- Membranes are eco-friendly as they do not contain chlorine or plasticizers
- Sure-Weld's top-ply surface is thicker and smoother than other membranes in the market, providing better welding results and reduced dirt pickup

System Codes

- UL Class A, B and Universal Slope ratings are available over any deck type
- FM Uplift values up to 150 psf can be achieved

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

Quality Assurance

Carlisle Authorized Roofing Contractors have received training to install Carlisle's Sure-Weld 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 roofing contractor or Carlisle Manufacturer's Representative/Distributor for associated warranty charges.

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

- A 10-year Total System or 15-year Golden Seal Warranty may be requested when all materials used for the roofing installation are manufactured or marketed by Carlisle
- A 10-year Reflectivity Warranty (based on ENERGY STAR criteria) available with white membrane
- A 20-year Golden Seal Warranty is available with Sure-Weld's 72- and 80-mil EXTRA TPO membranes
- Higher wind speed warranties (up to 120 mph peak gust wind speed) available upon review by Carlisle

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



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