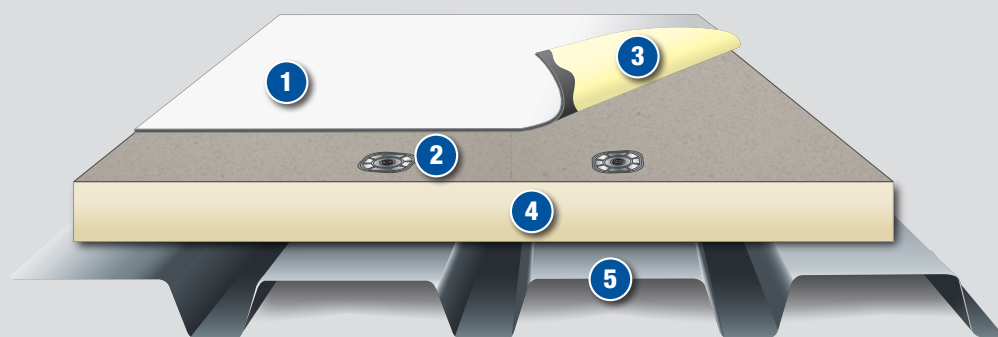


Sure-Weld[®] TPO

SAT[™] Reinforced Membrane



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

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

Color	White, Gray and Tan
Thicknesses (mils)	60 mil, 80 mil
Standard Widths	10', 12'
Standard Lengths	50' and 100'

System Features & Benefits:

- » Exclusive Lay-Flat Technology provides a wrinkle-free appearance and minimal expansion and contraction of the membrane providing superior performance.
- » Consistent adhesive application provides uniform performance.
- » No odors or VOCs to disrupt building occupants.
- » Provides up to 80% labor savings.
- » Cool roofing properties contribute to building envelop energy efficiency.
- » Available with optional APEEL[™] Protective Film.
- » Carlisle's cutting-edge adhesion technology enables roofing applications to extend into colder seasons, with effective bonding at low temperatures starting from 25°F and rising.

	New Construction						Re-roofing		
Existing or New Deck Type	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 or Carlisle Polystyrene with an approved cover board								
Insulation Attached By	Flexible FAST [™] Adhesive (non-penetrating), Insulfast, or Carlisle HP Fasteners								
Membrane Attached By	Self-Adhering Technology (SAT)								

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.

Sure-Weld® TPO

SAT Reinforced Membrane



An Ideal Re-Roofing Solution

Convenience: No fumes or odors to disrupt building occupants

Value: Up to 80% labor savings to help get the job completed quickly

Performance: Highly reflective and energy efficient

Sure-Weld SAT TPO Membrane

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

Sure-Weld 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.

Optional APEEL Protective Film

» APEEL Protective Film application guards the TPO membrane's surface from scuffs and dirt accumulation during installation, improving the roof system's appearance and long-term performance

» APEEL Protective Film can be left in place for up to 90 days without degrading due to its excellent heat- and UV-resistance



Installation

Carlisle's Sure-Weld SAT TPO Fully Adhered Roofing System utilizes white, gray, or tan membrane in standard reinforced 60- and 80-mil thicknesses.

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

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

System Codes

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

For code specifics, refer to Carlisle's Sure-Weld Code Approval Guide.

Quality Assurance

Carlisle Authorized Roofing Contractors have received training to install Carlisle's Sure-Weld SAT TPO 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 when all materials used for the roofing installation are manufactured or marketed by Carlisle
- » A 10-year Reflectivity Warranty with white membrane
- » A 20-year Golden Seal Warranty with 60-mil Sure-Weld SAT membranes
- » A 25- or 30-year Golden Seal Warranty with 80-mil Sure-Weld SAT membrane
- » 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.