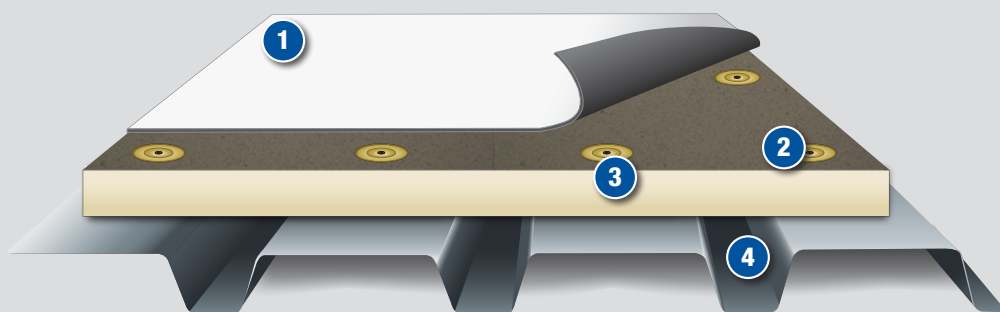


Sure-Weld® TPO

Induction Welded Roofing System



- 1** Sure-Weld TPO Reinforced Membrane
- 2** Induction Welding Plates with HP-X Fasteners
- 3** Acceptable Insulation
- 4** Approved Roof Deck

Sure-Weld TPO Membrane for Induction Welded Systems is available in the following:

Color	White, Gray, and Tan Special Colors*: Medium Bronze, Patina Green, Rock Brown, Terra Cotta, and Slate Gray
Thicknesses (mils)	60- and 80-mil
Standard Widths	4', 6', 8', and 10'
Standard Lengths	100'

*Special Colors available only in 60-mil and 5' and 10' sheets

System Features & Benefits:

- » 60- and 80-mil membrane thicknesses
- » Available in standard white, gray, and tan, and medium bronze, patina green, rock brown, terra cotta, and slate gray
- » No perimeter sheets required
- » Heat-weldable seams
- » Roofing membrane is CRRC rated and can contribute to LEED® requirements*
- » Symmetrical wind load distribution
- » Industry-leading OctaGuard XT™ Weathering Package provides improved weatherability, durability, and long-term rooftop performance

*Standard colors only

	New Construction		Re-roofing	
Existing or New Deck Type	Steel	Plywood (min. 1 ⁵ / ₃₂ ")	Existing BUR or Mod Bit	Existing Single Ply
Deck Overlayment Required	Insulation	Insulation	Insulation	*Refer to Specs
Insulations	Approved Carlisle insulation or cover board			Approved Carlisle insulation or cover board (optional)
Membrane & Insulation Attachment	HP-X Fasteners/Rhinobond or isoweld Plates			

FOR TEAR OFF OPTIONS REFER TO NEW CONSTRUCTION ABOVE.

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

Sure-Weld® TPO

Induction Welded Roofing System

Sure-Weld TPO Membrane

Carlisle's Sure-Weld 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 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.



Installation

Insulation is mechanically fastened to an acceptable roof deck using induction welding plates and HP-X fasteners. Sure-Weld membrane sheets are positioned over top of the substrate and are attached to the induction welding plates using an induction tool and heat-sink magnets. Adjoining sheets are overlapped and joined together with a minimum 1½"-wide hot-air weld.

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

System Codes

- » UL Class A, B, and Unlimited Slope ratings are available
- » Meets FM Loss Prevention Data Sheet 1-31

For specific code approvals, refer to Carlisle's Code Approval Guide.

Quality Assurance

Carlisle Authorized Applicators are highly trained in the installation of Carlisle's Sure-Weld 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 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-, or 20-year Total System Warranty when all materials used for the roofing installation are manufactured or marketed by Carlisle. A maximum peak gust wind speed coverage of 55 miles per hour is standard.
- » For more specifics or for international warranty programs, contact Carlisle.

