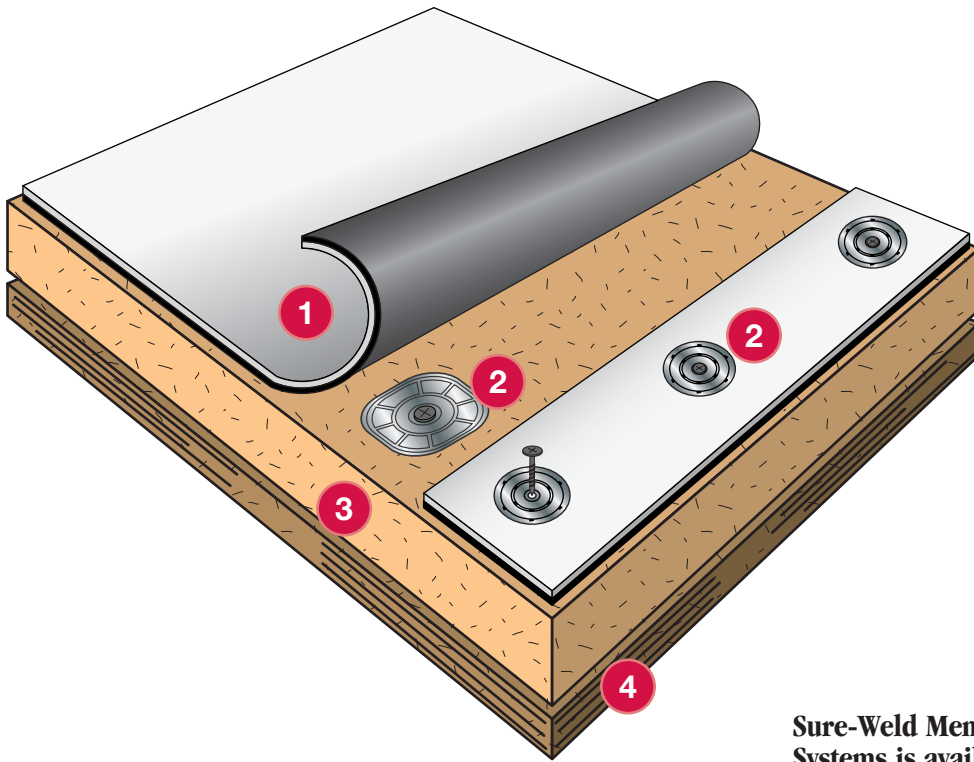


Mechanically-Fastened



Typical Application

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

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 membrane meets ENERGY STAR® guidelines



Sure-Weld Membrane for Mechanically-Fastened 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'

EXISTING OR NEW DECK TYPE	NEW CONSTRUCTION						REROOFING		
	STEEL	PLYWOOD OR OSB	LT. WT. CONCRETE	STRUCTURAL CONCRETE	WOOD PLANKS	GYPSUM & FIBEROUS CEMENT	SMOOTH SURFACE BUR	GRAVEL SURFACED BUR	EXISTING SINGLE-PLY
DECK OVERLAYMENT REQUIRED	INSULATION	NO	NO	HP MAT	INSULATION	INSULATION	NO	INSULATION	*REFER TO SPECS
RECOMMENDED INSULATIONS	CARLISLE POLYISO, CARLISLE HP RECOVERY BOARD OR CARLISLE HP RECOVERY BOARD OVER POLYSTYRENE						← 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/PIRANHA PLATES; HD 14-10 FASTENERS	HP-X 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 website, or contact a Design Analyst.

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



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market@syntec.carlisle.com



Carlisle SynTec Incorporated



The Sure-Weld Mechanically-Fastened Roofing System now offers wider membrane options: 6', 8', 10' and 12'.

Project Information

This Sure-Weld Roofing System is being installed for the project named below:

job name: _____

city: _____

state: _____

The Carlisle Authorized Roofing Contractor is:

company name: _____

address: _____

city: _____

state: _____

zip: _____

phone: _____

Installation

Carlisle's Sure-Weld Mechanically-Fastened 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 is mechanically fastened to an acceptable roof deck. Sure-Weld 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. Refer to Carlisle's published specifications and details for more complete information.

Sure-Weld Membrane Strengths

- Sure-Weld membrane is available in white, gray and tan; 6'-, 8'-, 10'- and 12'-widths
- When tested for puncture resistance, Sure-Weld results were better than competitive heat weldable membranes (PVC and Hypalon)
- Because Sure-Weld's reflectivity values exceed industry standards, the membrane meets the criteria for the EPA's and DOE's ENERGY STAR® Program

- Sure-Weld's reflectivity values exceed other heat-welded membranes
- 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 135 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 Technical 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 5- or 10-year Membrane System Warranty; peak gust wind speed coverage up to 55 mph
- 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 20-year Golden Seal Warranty is available with Sure-Weld's 72- and 80-mil EXTRA TPO membranes
- Higher wind speed warranties (up to 100 mph peak gust wind speed) available upon review by Carlisle
- A 10-year Reflectivity Warranty (based on ENERGY STAR® criteria) available in white membrane
- A 10-, 15-, 20-year Puncture Warranty with Sure-Weld 72-80-mil "EXTRA"

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



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800-4-SYNTEC
www.carlisle-syntec.com

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