



Typical Application

- 1 Sure-Weld 45-mil Reinforced Membrane
- 2 Carlisle Insulation Fasteners and Plates
- 3 Sure-Weld or Aqua Base 120 Bonding Adhesive
- 4 Acceptable Insulation
- 5 Approved Roof Deck

System features and benefits include:

- Heat-weldable membranes
- High wind uplift performance
- Hail and puncture resistance
- Top ply membrane thickness adds improved long-term weatherability and durability
- Sure-Weld membranes meet ENERGY STAR® guidelines and are CRRC (Cool Roof Rating Council) certified

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'

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
INSULATION REQUIRED	YES	NO	NO*	NO	YES	YES	NO	YES	YES
RECOMMENDED INSULATIONS	CARLISLE POLYISO, OSB, CARLISLE HP RECOVERY BOARD OR CARLISLE POLYISO OVER CARLISLE POLYSTYRENE						← REFER TO NEW CONSTRUCTION		
INSULATION ATTACHED BY	FAST ADHESIVE, OLYBOND 500 BA, VERSIGRIP (NON-PENETRATING) OR APPROVED CARLISLE 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 website or contact a Design Analyst.

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



ROOFING AMERICA: OVER 40 YEARS AND 10 BILLION SQUARE FEET™

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Carlisle SynTec Incorporated



The Sure-Weld Fully-Adhered 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 Applicator is:

company name: _____

address: _____

city: _____

state: _____

zip: _____

phone: _____

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 or Aqua Base 120. 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.

Sure-Weld Membrane Strengths

- Sure-Weld membrane is available in white, gray and tan; 6', 8', 10' and 12'-widths
- CRRC (Cool Roof Rating Council) certified and meets California's Title 24 mandate
- Because Sure-Weld's reflectivity values exceed industry standards, the membrane meets the criteria for the EPA's and DOE's ENERGY STAR Program

- Puncture warranty available with 72- and 80-mil EXTRA membrane
- Membranes are eco-friendly as they do not contain chlorine or plasticizers and are 100% recyclable
- 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 Applicators 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 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 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 for white membrane
- A 20-year Golden Seal Warranty is available with Sure-Weld's 60-, 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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