



## 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.



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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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[www.carlisle-syntec.com](http://www.carlisle-syntec.com)

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