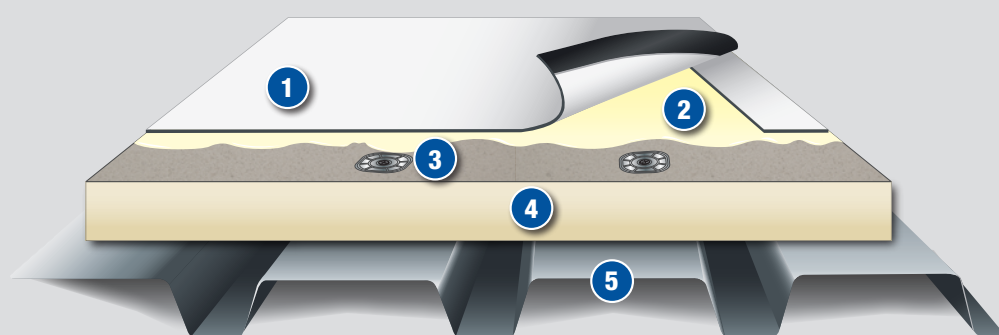


Sure-White® EPDM

Fully Adhered Roofing Systems



- 1 Sure-White EPDM Membrane with Factory-Applied Tape™
- 2 Carlisle Bonding Adhesive
- 3 Carlisle Fasteners and Plates
- 4 Carlisle Insulation
- 5 Approved Roof Deck

EPDM Membranes for Fully Adhered Roofing Systems are available in the following:

Color	White
Thicknesses (mils)	60 and 90
Standard Widths	10' (90-mil), 16½', 20'
Standard Lengths	100'

System Features & Benefits:

- » Over 30 years of proven performance
- » Industry leading UV resistance of 25,200 kJ/m² for white membranes
- » Reduces air conditioning costs in warmer climates
- » 540% elongation results in superior hail damage resistance
- » Lowest global warming potential, acid rain and smog impact according to EPA's TRACI model
- » Full thickness of weathering material, no internal scrim
- » Zero (no growth) rating for fungal growth

Existing or New Deck Type	New Construction						Re-roofing		
	Steel	Plywood or OSB	Lt. Wt. Concrete	Structural Concrete	Wood Planks	Gypsum & Fibrous Cement	Smooth-Surfaced BUR	Gravel-Surfaced BUR	Existing Single-Ply
Insulation Required	Yes	No	*Refer to Specs	No	No	Yes	No	Yes	Yes
Recommended Insulations	Carlisle Polyiso or SecurShield® HD Cover Board over Polystyrene						← Refer to New Construction		
Insulation Attached By	Flexible FAST™ Adhesive (non-penetrating) or Carlisle Fasteners and Plates						← Refer to New Construction		
Membrane Attached By	Carlisle-Approved Bonding Adhesive						← Refer to New Construction		

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 Adhered Design Criteria Portion of the current specifications for requirements.

Sure-White® EPDM

Fully Adhered Roofing Systems

Installation

Carlisle's Sure-White Fully Adhered Roofing Systems utilize 60- or 90-mil non-reinforced membranes that meet CRRC, LEED® and Title 24 guidelines designed to reduce air conditioning costs.

Insulation is either mechanically fastened to the roof deck every 2 square feet or adhered with Flexible FAST Adhesive. Membrane is adhered to the insulation with Carlisle-approved bonding adhesive. Adjoining sheets of Sure-White EPDM are spliced together a minimum of 3" using Carlisle's SecurTAPE™ or Factory-Applied Tape seam technology.

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

Membrane and System Strengths

- » Carlisle manufactures all major components of the roof system
 - » Dimensionally stable in both hot and cold climates
 - » Factory-Applied Tape seam technology and Pressure-Sensitive Flashing accessories enhance workmanship quality
 - » Meets Cool Roof Rating Council guidelines for reflectivity, designed to reduce air conditioning costs primarily in warmer southern climates
- Caution: A heating penalty may be associated with white roofs in central and northern climates and may be more prone to condensation accumulation.
- » 60-mil and 90-mil membranes available for up to 25 and 30 year warranties
 - » 60-mil available in 10', 16 ½', and 20' widths, which reduces the total number of seams required and improves productivity. 90-mil available in 10' width
 - » Carlisle's Fully Adhered Roof System offers design flexibility, addresses unconventional building configurations and conforms to steeply sloped roof designs
 - » Carlisle's CAV-GRIP® III and Low-VOC Bonding Adhesive have a significant cold weather flash off time advantage
 - » SAT™ (Self-Adhering Technology) and FleeceBACK® options available

System Codes

- » UL Class A and B ratings are available over most deck types.
- » FM uplift ratings of up to 1-120 are available.

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

Quality Assurance

Carlisle Authorized Applicators have been trained to install Fully Adhered 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-, 20-, 25- or 30-year (90-mil required) Golden Seal™ Total System Warranty when all materials used for the roofing installation are manufactured or marketed by Carlisle.
- » A 1" hail warranty is available with 60-mil EPDM and a 2" hail warranty is available with 90-mil EPDM.
- » A maximum peak gust wind speed coverage of 55mph is standard. Additional coverage up to 120 mph is available.

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

