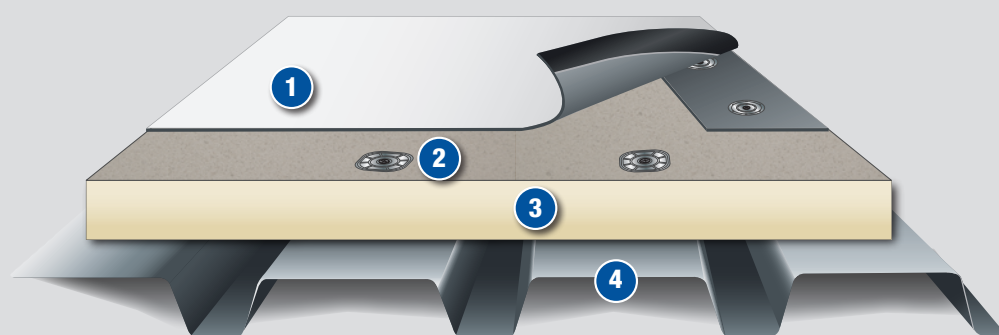


Sure-White® EPDM

Reinforced Mechanically Fastened Systems



- 1** Sure-White Reinforced EPDM Membrane with Factory Applied Tape (FAT™)
- 2** Carlisle Fasteners and Plates or Bar
- 3** Acceptable Insulation
- 4** Approved Roof Deck

EPDM Membranes for Mechanically Fastened Roofing Systems are available in the following:

Color	White
Thickness (mils)	60
Standard Width	10'
Standard Length	100'

System Features & Benefits:

- » Sure-White EPDM can reduce air conditioning costs which are predominant in warmer southern climates
- » Reduced glare with a specular gloss rating below 4
- » Reinforced sheets add puncture resistance and toughness
- » Lowest global warming potential, acid rain and smog impact according to EPA's TRACI model
- » Ideal for steel or wood decks
- » Rubber membrane provides greater traction for rooftop maintenance personnel

Existing or New Deck Type	New Construction						Re-roofing		
	Steel	Plywood or OSB	Lt. Wt. Concrete	Structural Concrete	Wood Planks	Gypsum & Fibrous Cement	Smooth-Surface	Gravel-Surfaced	Existing Single-Ply
Deck Overlayment Required	Insulation	No	No	HP Mat	No	Insulation	No	Insulation	No
Recommended Insulations	Carlisle Polyiso, SecurShield™ HD cover board or SecurShield HD cover board over polystyrene						←	Refer to New Construction	
Insulation Attached By	Acceptable Carlisle fasteners and plates, refer to Carlisle specifications below						←	Refer to New Construction	
Membrane Attached By	Polymer seam plates w/HP; fastening bar w/HP or HP-X	HP w/seam plates	Lt. wt. fasteners & plates or HP NTB	Carlisle CD-10 or HD w/seam plate	Metal seam plates w/HP; fastening bar w/HP or HP-X	Lt. wt. fasteners & plates or HP NTB	←	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.

Sure-White EPDM

Reinforced Mechanically Fastened Systems

Installation

Carlisle's Mechanically Fastened Roofing System utilizes 60-mil Sure-White Reinforced membrane.

Insulation is typically mechanically fastened to the roof deck at a minimum rate of 1 fastener and plate every 8 square feet. The reinforced membrane is fastened with Carlisle HP fasteners and polymer plates.

Adjoining membrane sheets are spliced together using Carlisle's SecurTAPE™ and primer or patented FAT seam technology. RUSS, Carlisle's reinforced securement strip, is utilized to form perimeter sheets on the roof. Field membrane sheets are 10' wide and fastening density varies based upon wind load requirements, roof deck type and building height.

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

Membrane and System Strengths

- » Dimensionally stable in both hot and cold climates
- » Elongation and weathering resistance results in superior hail damage resistance
- » FAT seam technology and pressure-sensitive flashing accessories enhance workmanship quality eliminating call backs for cold welds
- » 60-mil membrane available for 20-year warranties
- » Reinforced membranes offers excellent fatigue, tear and puncture resistance
- » White EPDM membrane is ideally suited for warmer climates where air conditioning costs are greater than heating costs
- » White EPDM rubber provides greater traction than plastic based membranes
- » Zero (no growth) rating for fungal growth
- » Softer white membrane reduces glare factor while still being reflective

System Codes

- » UL Class A and B ratings are available
- » FM 1-60 and 1-120 wind uplift ratings

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

Quality Assurance

Carlisle Authorized Applicators have been trained to install Mechanically Fastened 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 Golden Seal™ 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 mph is standard. Additional coverage up to 90 mph is available.

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

