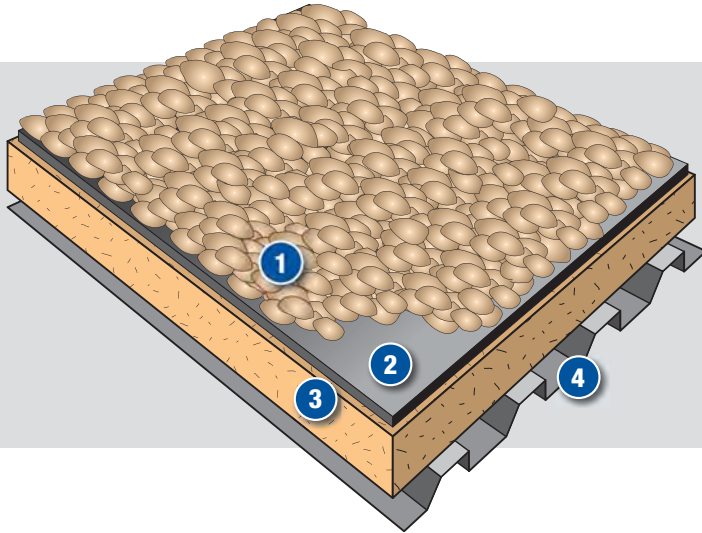


EXPERIENCE THE CARLISLE DIFFERENCE



# Sure-Seal® EPDM

## Ballasted Roofing Systems



### Typical Applications

- 1 Approved Ballast
- 2 Sure-Seal EPDM Membrane with Factory-Applied Tape (FAT™)
- 3 Acceptable Insulation
- 4 Approved Roof Deck

### EPDM Membranes for Ballasted Roofing Systems are available in the following:

Color	Black
Thicknesses (mils)	46, 60, 75, and 90
Standard Widths	10'–50'
Standard Lengths	100'–200'

### System Features & Benefits:

- » 50 years of proven performance
- » Industry leading UV resistance of 41,580 kJ/m<sup>2</sup> for black EPDM, plus the added UV protection from the ballast
- » Energy-efficient in all climates
- » Low lifecycle costs and excellent hail resistance
- » Lowest global warming potential, acid rain and smog impact according to EPA's TRACI model
- » Aesthetically pleasing and ideal for concrete decks
- » Described as "the original sustainable roof"

Existing or New Deck Type	New Construction						Re-roofing		
	Steel	Plywood or Wood Planks	Lt. Wt. Insulating Concrete Over Steel	Structural Concrete	OSB	Cementitious Wood Fiber and Gypsum	Smooth Surface BUR	Gravel Surfaced BUR	Existing Single-Ply
Insulation Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recommended Insulations	Carlisle Polyiso, Carlisle HP Recovery Board or Carlisle Extruded Polystyrene						← Refer to New Construction		
Insulation Attached By	Loose-laid						← Refer to New Construction		
Membrane Attached By	Loose-laid						← Refer to New Construction		
Ballast Options	Rounded Water-worn Gravel, Crushed Stone Over HP Mat, Carlisle Interlocking Rubber Pavers or Concrete Pavers						← 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. Class A Ratings available. Warranties provided for winds up to 80 mph.

# Sure-Seal® EPDM

## Ballasted Roofing Systems

### Sure-Seal EPDM Membrane

- » Tough - 45-mil non-reinforced EPDM
- » Tougher - 60-mil non-reinforced EPDM
- » Toughest - 90-mil non-reinforced EPDM

### Installation

Carlisle's Design "B" or Ballasted Roofing System utilizes 45-, 60-, or 90-mil thick Sure-Seal (black) non-reinforced or 60- or 75-mil Sure-Tough reinforced EPDM membranes.

The membrane and an acceptable insulation are loose-laid over the roof deck. Adjoining membrane sheets are spliced together using SecurTAPE™ or FAT™ and Primer.

Membrane and insulation are held in place with a minimum of 10 lbs. of ballast per square foot.

The above information represents a basic "B" system installation. Refer to Carlisle's published "B" specifications and details for more complete information.

### Membrane and System Strengths

- » Excellent fire and hail protection for insulation and deck
- » Enhances building tranquility by reducing rainfall noise transmission and by creating a visually pleasing natural appearance that doesn't show dirt accumulation
- » Dimensionally stable in both hot and cold climates
- » Recyclable
- » FAT Seam Technology and Pressure-Sensitive Flashing accessories enhance workmanship quality
- » No fasteners required, eliminating the 3–8% thermal loss of fasteners
- » Ideal for concrete decks
- » Large EPDM panels minimize field splices and installation time
- » Seam Tape and Low-VOC EPDM Primer can be used for low-VOC requirements
- » Architectural paver options available
- » Stormwater retention options available to slow the release of the water
- » Zero (no growth) rating for fungal growth
- » Recognized by ENERGY STAR as an energy saving option under "other types of roofing than can save energy"

### System Codes

Carlisle's Ballasted Roofing System attains UL Class A ratings.

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

### Quality Assurance

Carlisle Authorized Applicators have been trained to install Ballasted 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 Golden Seal Total System Warranty when all materials used for the roofing installation are manufactured or marketed by Carlisle.
- » A 40-year ELITE (non-prorated) material warranty is available with 90-mil EPDM
- » A 1", 2", or 3" hail resistance warranty is available based on membrane thicknesses or 45-, 60-, or 90-mil

A maximum peak gust wind speed coverage of 55 miles per hour is standard.

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

