



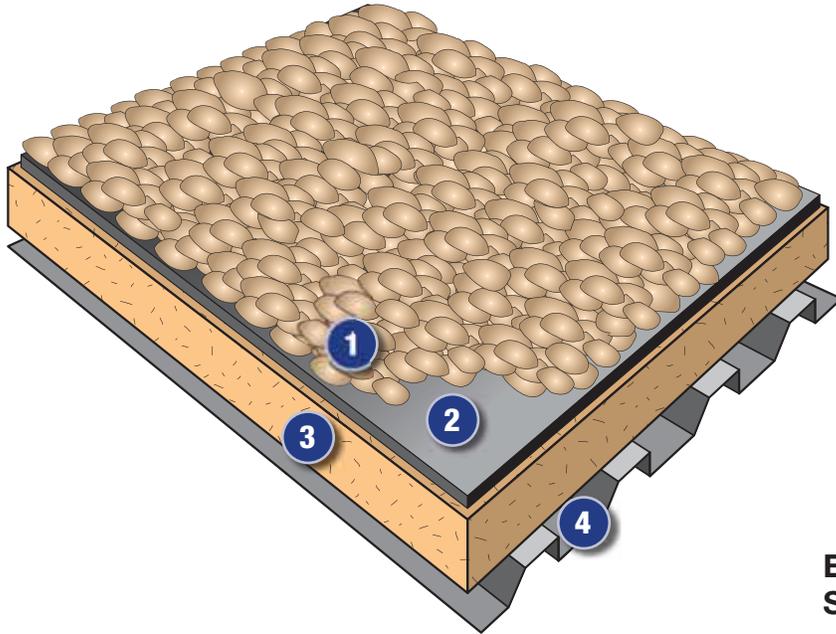
SURE-SEAL

BALLASTED ROOFING SYSTEM



TYPICAL APPLICATION

- 1 Approved Ballast
- 2 Sure-Seal EPDM Classic Membrane
- 3 Acceptable Insulation
- 4 Approved Roof Deck



SYSTEM FEATURES AND BENEFITS INCLUDE:

- Excellent fire protection for insulation and deck
- Large panels maximize benefits of elongation and minimize seams
- Recognized as a Cool Roof solution

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

Colors: Black

Thicknesses (mils): 45, 60, 75 and 90

Standard Widths: 10' - 50'

Standard Lengths: 100' - 200'

EXISTING OR NEW DECK TYPE	NEW CONSTRUCTION						REROOFING		
	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 EPS 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 website, or contact a Design Analyst. Class A Ratings available.

Warranties provided for winds up to 80 mph.



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Membrane Options

- Tough - 45-mil non-reinforced EPDM
- Tougher - 60-mil reinforced or non-reinforced or 45-mil and HP Mat
- Toughest - 75-mil Sure-Tough™ or 90-mil

Project Information

This Ballasted 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 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 either: Sure-Seal EP-95 Splicing Cement, In-Seam Sealant®, and Lap Sealant; 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

- Installs over a variety of insulations (EPS, Extruded Polystyrene, perlite, polyiso, etc)
- UL Class A ratings available over any thickness EPS or Extruded Polystyrene (Non-cobustible decks only)
- UL Class A ratings can be achieved over combustible and non-cobustible decks
- System uses no fasteners

- Large EPDM panels minimize field splices and installation time
- Can be used as a recover system over existing roofs
- Seam Tape and Low-VOC EPDM Primer can be used for low VOC requirements
- Ballast or Paver options available
- Certified as a cool roof by ORNL, ASHRAE, the California Energy Commission (Title 24) and the Chicago Building Code

System Codes

Carlisle's Ballasted Sytem attains UL Class A, B and C ratings. For specifics, refer to Carlisle's Code Approval Guide.

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 Technical 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-, 10-, 15-, or 20- year Golden Seal Total System Warranty may be requested when all materials used for the roofing installation are manufactured or marketed by Carlisle.

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

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

