

Technical Information Sheet

Image Coming Soon

SEBS Mopping Asphalt

Item Description	Item Number
50 lb. keg (32 kegs per pallet)	W70RACAPSL
<i>Meets or exceeds performance requirements of ASTM D6152</i>	

Description

Elevate SEBS Mopping Asphalt is modified with SEBS (styrene-ethylene-butadiene-styrene) block copolymer to make it a premium choice for hot-mopped roof membrane applications. It is intended for use in Elevate Built-up Roofing systems as the primary waterproofing and as an interply adhesive. When used to adhere SBS modified bitumen roofing membranes, polyiso insulation and bituminous vapor barriers, it provides resistance to the stress forces which result from building movement associated with both wind events and temperature changes. SEBS is recommended as a durable adhesive for gravel attachments in place of oxidized asphalt.

Elevate SEBS Mopping Asphalt is also an approved adhesive for the application of Elevate UltraPly TPO XR and Elevate PVC KEE XRT fleece backed membrane to an appropriate modified bitumen membrane or other approved substrate. Review the Asphalt Design Guide and Elevate TPO and PVC Design Guide for more information.

SEBS rubber polymer is well-suited to roofing applications because of its performance over a wide range of temperatures. SEBS Mopping Asphalt has excellent elasticity, low temperature flexibility and toughness that conventional oxidized mopping asphalt lacks. SEBS Mopping Asphalt is flexible below 0 °F (-18 °C) and can be heated in standard direct-fired roofing kettles and applied using standard mopping techniques. It is formulated for the same slope requirement as steep asphalt.

Method of Application

1. Use standard hot-mopping techniques.
2. Application temperature is 420 – 475 °F (215 – 246 °C).
3. Please see the Asphalt Systems Design and Application Guide at www.HolcimElevate.com for detailed information regarding the application of SEBS Mopping Asphalt.

Acceptable Immediate Substrates for Hot Asphalt Application

- Structural Concrete (must be clean, dry, properly cured, and primed with ASTM D-41 primer).
- New SBS Modified Bitumen Membrane in a hybrid application.
- Existing Smooth Surface BUR or SBS Modified Bitumen (must be clean, smooth, and primed with ASTM D-41 primer).

- FiberTop, DensDeck® Prime, SECUROCK® Gypsum Fiber.

NOTE: Please consult the Asphalt Systems Design and Application Guide online at www.HolcimElevate.com to review specific information regarding the type of deck and insulation in use.

Storage

- Elevate SEBS Polymer Mopping Asphalt should be stored in the original packaging at a minimum of 40 °F (4 °C) and a maximum of 140 °F (60 °C).
- Materials shall be stored in a neat, safe manner so as not to exceed the allowable live load of the storage area.
- Materials shall be placed out of the weather in a clean, dry area. If materials must be stored temporarily on the roof before application, they must be kept elevated from the roof surface on a pallet and covered from the weather with a light-colored opaque tarp.
- Any materials damaged in handling or storage shall not be used.

Precautions

- Refer to Safety Data Sheets (SDS) for additional safety information.
- SEBS Mopping Asphalt must be heated to the proper application temperature prior to use.
- Follow all safety practices recommended by the National Roofing Contractors Association (NRCA) for working with hot asphaltic materials.

LEED® Information

Post-Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

Manufacturing Location: Chandler, AZ / Allentown, PA / Halls, TN

NOTE: LEED® is a registered trademark of the U.S. Green Building Council

Typical Properties		
Properties	ASTM Standard Required Value	Elevate Typical Performance
Softening point, before and after heat exposure	185 – 275 °F (85 – 135 °C)	225 °F (107 °C)
Softening point change, before and after heat exposure	-9 to 9 °F (-5 to 5 °C)	3 °F (2 °C)
Flash Point, min.	500 °F (260 °C)	520 °F (271 °C)
Penetration at 25 °C (77 °F), before and after heat exposure	20 – 60 units	45 units
Penetration change at 25 °C (77 °F), after heat exposure	-5 to 12 units	3 units
Solubility in trichloroethylene, min.	99%	99%
Tensile elongation at 25 °C (77 °F), min.	750%	1000%
Elastic recovery at 25 °C (77 °F), min.	80%	90%
Low temperature flexibility, max.	20 °F (-7 °C)	0 °F (-18 °C)

Please contact Holcim Technical Services at 800-428-4511 for further information.

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