

# Viking™ CIF-3HM

SBS Modified Bitumen Membrane



## PRODUCT OVERVIEW & FEATURES

Viking CIF-3HM is composed of select distilled bitumen and SBS reinforced with a high strength fiberglass mat. Viking CIF-3HM will eliminate the concerns of compatibility and performance between SBS cap sheets bonded to oxidized bitumen base sheets by heat welding. Viking CIF-3HM also enhances the overall flexibility and fatigue resistance of hot applied systems. Viking CIF-3HM also eliminates the concern that the oxidized bitumen component of the roof system is the “weak link” in performance.

Oxidized bitumen base sheets are not modified with SBS polymer. These base sheets are hard, brittle and have poor flexibility at lower temperatures in comparison to modified bitumen base sheets. Oxidized bitumen does not blend well with SBS polymer. When used in conjunction with any of VPG’s SBS modified bitumen membrane, Viking CIF-3HM provides a membrane system unsurpassed in performance. When used in lieu of oxidized bitumen base sheets and applied with modified SBS cap sheets, Viking CIF-3HM will turn your one-ply modified bitumen roofing membrane system into a two-ply modified bitumen roofing system with excellent performance characteristics, such as:

- System compatibility
- Two-ply modified bitumen system
- Excellent flexibility
- Excellent weatherability
- Easy to apply
- Good dimensional stability
- Enhances modified bitumen system performance
- Keeps your VPG’s modified bitumen membrane system in total performance

## APPLICATION

Viking CIF-3HM is applied by using ASTM Type III or Type IV roofing asphalt, or by mechanical attachment. Viking CIF-3HM shall be installed having 3” and 4” minimum side and end laps, respectively. Viking CIF-3HM may be installed using Viking Products Group approved elastomeric adhesives (Projects requiring labor and material warranty must have prior approval from the Manager of Technical Services if elastomeric adhesives are to be used.)

## STORAGE & HANDLING

Viking CIF-3HM is shipped in palletized, shrink-wrapped units of 24 rolls per unit. Rolls should be stored under cover, away from direct exposure to the elements until

immediately before use. If it becomes necessary to store material on the job site or roof deck, units should be covered with an opaque tarpaulin or Viking CIF-3HM is shipped in palletized, shrink-wrapped units of 24 rolls per unit. Rolls should be stored under cover, away from direct exposure to the elements until immediately before use. If it becomes necessary to store material on the job site or roof deck, units should be covered with an opaque tarpaulin or similar cover. (Clear or black protective coverings are not acceptable.) Units should also be elevated from the roof deck by placement upon a pallet. If possible, material should be stored away from direct sunlight during storage at the job site. Do not stack units two or more high.

## DATA & TESTING

<b>Modifier</b>	SBS
<b>Approx. Roll Size</b>	3 ft. x 34 ft.
<b>Seam Width</b>	3"
<b>Approx. Coverage</b>	100 ft. <sup>2</sup>
<b>Top Surface</b>	Sand
<b>Bottom Surface</b>	Sand
<b>Nominal Thickness</b>	120 mils
<b>Nominal Weight</b>	85 lbs
<b>Reinforcement</b>	Fiberglass
<b>Softening Point</b> (ASTM D-36)	240°F (116°C)
<b>Cold Flexibility</b> (UNI-8202)	20°F (-28.8°C)
<b>Test Strength</b> (ASTM D-412)	110 lbf/in (MD) 110 lbf/in (XMD)
<b>Tensile Strength</b> (ASTM D-412)	100 lbf/in (MD) 100 lbf/in (XMD)
<b>Elongation</b> (ASTM D-412)	4% (MD) 4% (XMD)

Test Method ASTM D 5147 is tested at 2 in./min. @ 73.4 ± 3.6°F (50 mm/min. @ 23 ± 2°C)

Viking CIF-3HM is a UL listed type G2 base sheet.

For specific application recommendations, please contact your local Viking Products Group representative.



3812 East 91st Street • Cleveland, OH 44105

Fax: (800) 350-2307

Phone: (800) 350-2142

[www.vikingpg.com](http://www.vikingpg.com)

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