



Between the World  
and The Weather  
Since 1928

# ***Demi-Mop*** Asphalt Roofing Bitumen

## **PRODUCT DESCRIPTION**

Demi-Mop roofing bitumen is a superior quality roofing grade asphalt with higher asphaltene content than most roofing asphalts. Although this product is manufactured to meet the material properties published in ASTM Specification D-312, there is more. Demi-Mop is custom blended and processed from a consistent source of asphalt feedstock. Having a consistent raw material source takes a lot of trial and error out of the production process, assuring the same quality, batch after batch. Unlike the major commodity producers of roofing asphalt, Demi-Mop is produced in smaller quantities, allowing for greater quality control in the manufacturing process. Barrett's Demi-Mop guarantees consistent top quality roofing asphalt with every load, without the expense of polymerization.

This product is Factory Mutual and Underwriters Laboratory approved when used in Class I and Class A constructions as noted in the respective approval guide.

Use of Barrett's Demi-Mop roofing asphalt in combination with appropriate modified bitumen, polyester or fiberglass ply sheets and cap sheets provide roofing systems with enhanced flexibility and weather resistant properties.

## **FEATURES**

- Consistent asphalt quality
- Improved weathering properties
- Consistent handling characteristics

## **BENEFITS**

- Quality assurance with every batch
- Out performs commodity grade roofing asphalts
- Time proven performance

## **TYPICAL PHYSICAL PROPERTIES**

PROPERTY	TEST METHOD	Demi-Mop
Softening Point (°F)	ASTM D-36	185-205
Flash Point (°F)	ASTM D-92	475 (min.)
Penetration, Units @ 77°F	ASTM D-5	15 mm - 35 mm
Ductility @ 77°F cm	ASTM D-412	2.5
Elongation (%)	ASTM D-412	10
Density	ASTM D-70	1.0 - 1.20

Meets or exceeds the requirements of ASTM D-312

## **APPLICATION RATES**

Demi-Mop asphalt can be applied by mop or mechanical spreader. Material must be sufficiently hot to obtain the specified rate of application without exceeding the maximum recommended heating temperature. In colder weather conditions, special provisions are to be taken in order to meet the recommended Point of Application temperature without over heating the material in the kettle.

Regardless of the application method, the bitumen is to be applied as a continuous film, without voids. Ply sheets are to be installed and broomed into place while the bitumen is still hot and fluid.

## **HEATING GUIDELINES**

Demi-Mop asphalt can be heated in a conventional roofing kettle.

Maximum Kettle Temperature

Summer Conditions 500°F

Winter Conditions 525°F

Point of Application Temperature (EVT)

The recommended Equiviscous Temperature (EVT) is printed on each package.

## **SLOPE LIMITATIONS**

Demi-Mop is recommended for the construction of built-up roof membranes with inclines of three inches per foot. Follow the National Roofing Contractors Association backnailing guidelines for ply sheets.

## **PACKAGING**

100 lbs. fiber cartons  
18 cartons per pallet  
Pallet weight 1800 lbs. (approx)  
22 pallets per truckload

## **APPLICATION PRECAUTIONS**

- For exterior use only
- Do not apply to wet or damp surfaces
- Follow recommended heating and application temperatures
- Provide positive drainage of membrane
- Do not smoke or expose to open flames during application
- To reduce the potential for odors entering the building, cover fresh air intakes, close windows, doors and other openings which would allow odors to enter during application. Interior negative air pressure can impact the potential for odor entering the building.
- Not for use with potable water collection systems.
- **READ MATERIAL SAFETY DATA SHEET BEFORE USING**
- **FOR PROFESSIONAL ROOFING CONTRACTOR USE ONLY.**

## **PRODUCT SAFETY INFORMATION**

Barrett Demi-Mop roofing bitumen offers no unusual health or safety risks for a product of this nature. As with any roofing process, proper ventilation, clothing and eye protection is important.

For specific information, contact the Barrett Company for a current Material Safety Data Sheet on this product.

The user should not assume that all safety measures are indicated or that other measures may not be required.

### **Note**

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