

Steep Roofing Asphalt - Product Data Sheet



Description

Steep roofing asphalt is a waterproofing medium and adhesive used in the construction of conventional built-up roofing systems. It is used as an adhesive to hold plies together and to secure roof insulation to the deck.

Typical Physical Properties

Property	Low Melt Steep Type III	High Melt Steep Type IV
Softening Point	185-205°F / 85-96°C	210-225°F / 99-107°C
Penetration 150 gms, 5 sec. (dmm)		
At 32°F / 0°C	6	6
At 77°F / 25°C	15-35	12-25
At 115°F / 46°C	90	75
Ductility @ 77F/25C, (cm)	2.5+	1.5+
Solubility in trichloroethylene, %	99+	99+
Flash point, C.O.C., minimum	475°F/246°C	475°F/246°C
Slope limitation (inch/ft)	1-3	2-6
Equiviscous temperature	395°F/201°C	425°F/218°C

Steep Roofing Asphalt Products

- Meet ASTM requirements
- Available in cartons or bulk
- Printed cartons for easy identification
- Consistent quality

Martin Asphalt Company provides a full line of roofing asphalt materials. They include:

- Low Melt Steep Type III
- High Melt Steep Type IV
- Modified Shingle Sealant
- Modified Shingle Laminate
- Asphalt Saturant

Application

To assure proper adhesion, waterproofing and application rate, Steep Roofing Asphalt should be heated to the Equiviscous Temperature (EVT) plus or minus 25°F (14°C) prior to applying to the roofing surface. Overheating can cause deterioration of the asphalt and should be avoided. Insufficient heat may result in air entrapment and incomplete protection.

Martin Asphalt Quality

Steep Roofing Asphalt conforms to ASTM D 312 and SS-A 666D. Through Martin Asphalt, you get **Everything Asphalt**—a full range of products. In addition, you receive technical assistance in selecting the right materials and application. The company's AASHTO Certified Laboratory makes sure the products meet your specifications. And your products are delivered both on spec and on time via Martin's Gulf Coast network of production plants, storage facilities and transportation fleet including ocean-going and inland barges, rail cars and tanker trucks. For more information, contact us.