



Oxidized Bitumen 85/35 – Technical Specification

Product Name: Oxidized Bitumen 85/35

Also Known As: Blown Bitumen 85/35, Oxidized Asphalt 85/35

Grade: 85/35

Form: Solid

Color: Black

Origin: Petroleum Based

Oxidized Bitumen 85/35 is a semi-solid grade of blown bitumen produced by passing controlled air through penetration-grade bitumen at elevated temperatures. The grade designation **85/35** represents a softening point of approximately **85°C** and penetration of approximately **35 dmm**.

Technical Specifications

Property	Test Method	Specification
Specific Gravity @ 25/25°C	ASTM D70	1.01 – 1.06
Penetration @ 25°C, 100 g, 5 sec	ASTM D5	30 – 40 dmm
Softening Point (Ring & Ball)	ASTM D36	80 – 90°C
Ductility @ 25°C	ASTM D113	Min. 3 cm
Loss on Heating	ASTM D6	Max. 0.2 wt.%
Flash Point (Cleveland Open Cup)	ASTM D92	Min. 250°C
Solubility in Trichloroethylene	ASTM D2042	Min. 99.0 wt.%
Spot Test	AASHTO T102	Negative

Typical Applications

Oxidized Bitumen 85/35 is commonly used for:

- Roofing and waterproofing systems
- Bituminous waterproofing membranes
- Pipe coating and corrosion protection
- Joint sealing and crack filling
- Bituminous paints and coatings
- Adhesive and mastic production
- Flooring and insulation applications
- Construction and industrial waterproofing
- Electrical and cable insulation compounds



Packing

Oxidized Bitumen 85/35 can typically be supplied in:

- **25 kg Kraft Paper Bags**
- **25 kg Polyamide Bags**
- **25 kg Carton Boxes**
- **Meltable Bags**
- **Bulk**, subject to quantity and destination

Storage & Handling

Store Oxidized Bitumen 85/35 in a dry, covered, and well-ventilated area, protected from direct sunlight, excessive heat, and ignition sources. When melting the product, heat gradually and avoid localized overheating.

Note: The above values represent a typical commercial specification for Oxidized Bitumen 85/35. Actual values may vary slightly depending on the refinery, production batch, and customer requirements. The Certificate of Analysis (COA) issued for the supplied batch should be considered the final reference for product conformity.