



Oxidized Bitumen 75/35 Specification

Property	Test Method	Unit	Specification
Softening Point (Ring & Ball)	ASTM D36	°C	75 ± 5
Penetration at 25°C	ASTM D5	0.1 mm (dmm)	30 – 40
Specific Gravity at 25°C	ASTM D70	g/cm ³	1.02 – 1.06
Loss on Heating	ASTM D6	wt%	Max. 0.2
Flash Point (COC)	ASTM D92	°C	Min. 250
Solubility in Carbon Disulfide (CS ₂)	ASTM D4	wt%	Min. 99.5
Ductility at 25°C	ASTM D113	cm	Min. 1.5
Water Content	ASTM D95	wt%	Max. 0.2
Ash Content	ASTM D482	wt%	Max. 0.5
Spot Test	AASHTO T102	—	Negative

Typical Characteristics

- **Product Name:** Oxidized Bitumen 75/35
- **Appearance:** Black solid
- **Odor:** Slight petroleum odor
- **Physical State:** Solid at ambient temperature
- **Chemical Type:** Air-blown petroleum bitumen
- **Water Solubility:** Insoluble
- **Storage Temperature:** Ambient, dry and covered area
- **Recommended Application Temperature:** 160–190°C
- **Maximum Heating Temperature:** 220°C

Typical Applications

- Roofing membranes
- Waterproofing systems
- Pipe coating
- Industrial flooring
- Expansion joint filler
- Adhesives and sealants
- Corrosion protection
- Insulation boards
- Waterproofing mastics

Available Packing

- 25 kg Kraft Paper Bag
- 25 kg Polyamide Bag
- 25 kg Carton Box
- 25 kg Meltable Bag



- 50 kg Block
- 180 kg Steel Drum
- Jumbo Bag (500 kg / 1 MT)
- Bulk Delivery

Shelf Life

Up to **10 years** when stored in unopened packaging under dry, covered conditions away from direct sunlight and heat sources.

