



# Oxidized Bitumen 85/25

(Blown Bitumen)

## PRODUCT DATA SHEET

Oxidized bitumen 85/25 (also known as Blown Bitumen 85/25) is a grade of bitumen that is produced by blowing air through penetration-grade bitumen at high temperatures, a process known as air-blowing or oxidation.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	20-30	ASTM D5
Softening Point °C	°C	80-90	ASTM D36
Ductility @25°C, 5 cm/min	CM	Min. 1.5	ASTM D113
Solubility in CS <sub>2</sub>	%Wt	Min. 99	ASTM D4
Flash Point Cleveland open cup	°C	Min. 260	ASTM D92
Specific Gravity at 25°C	-	1.00-1.05	ASTM D70

### After Rolling Thin-Film Oven Test (RTFO)

Loss on Heating	%Wt	0.2	ASTM D6
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#### Quality:

The quality of the bitumen is assured for every delivery with arrangement of international inspector to check quality and controlling the production by Quality Control and also by batch test report before shipping.

#### Application:

Oxidized bitumen 85/25 is widely used in various industrial applications due to its durability and resistance to temperature fluctuations. Its primary uses include waterproofing membranes and roofing felts, road construction for surfacing and crack sealing, and as a protective coating for metal pipelines to prevent corrosion. It also serves as an electrical insulator for cables, an adhesive in flooring and tiles, and a damp-proofing agent for building foundations.

#### Health & Safety:

Bitumen is unlikely to present any significant health or safety hazard when properly used in the recommended application, provided good standards of industrial and personal hygiene are maintained.

#### Packaging:

New steel drums, reconditioned steel drums or eco-friendly Weatherproof packaging in poly bags, Kraft bag

Steel Drums : 180Kg, 200Kg

Jumbo Bag : 1000Kg

Others : 25kg Kraft/PP Bag, Metal Pails, Carton Box

#### Code Approvals/Compliance:

Meets BS EN 13304-2009

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