



BITUMEN MODIFY PRODUCT OXIDES BLOWN ASPHALT

OXIDIZED BITUMEN

GRADE 85/25

1. PRODUCT DESCRIPTION

SARTITAN Industrial Bitumen derives from a particular choice of crude oil and refining processes carefully controlled. Our product quality is ensured for each delivery. They are manufactured and tested according internationally accepted product quality

Blown bitumen grades or **Oxidized Bitumen** are produced by passing air through the penetration grades. This process gives the bitumen more rubbery properties than its original formula and they are simply harder bitumen. Hard bitumen under controlled temperature conditions is widely used as an anti-slip layer compound in the piling industry, for manufacture of roofing felts, the roofing and waterproofing industries, for sound dampening felts and under carriage sealant in the automotive industry, electric cable joint protection, joint filling compound, sealant compound and many others. Also used in sealing saw cuts and joints where expected movements are minimum.

It is also used in the manufacturing of bituminous marine mastic for the oil & gas pipeline joints. The most popular grades are; grades 95/25, **85/25**, 90/40, and 115/15. We are also capable of producing other grades of **Blown Bitumen** upon request by our customers. Oxidized Bitumen high softening temperatures qualify them as excellent sealant for prevention from bleeding in high temperature applications. **Blown Grade Bitumen** shall be broken up into small pieces (for blown grade in molded cake form) and heated slowly to the application temperature of 220°C to 230°C.

2. TECHNICAL ADVANTAGES

- **1.** Durability
- 2. Flexibility
- 3. Water Resistant
- 4. Chemical Stability



Oxidized Bitumen is predominantly used in the piling industry as an anti slip compound for the manufacture of under carriage sealants in the automobile industry. It is also used as a sealant compound, as a joint filling compound apart from being used in the manufacture of roofing felts and sound dampening felts. Further, Oxidized Bitumen is used in the manufacture of bituminous marine mastic, which is required for the oil and gas pipeline joints. This Oxidized Bitumen is available in different grades like 95/25, 85/25, 75/25, 90/40 and 115/15.

SARTITAN SRL is also capable of producing other grades of Oxidized Bitumen according to the specifications of individual clients. Some of the major advantages of Oxidized Bitumen are that it is completely water resistant, highly flexible and durable. Further, it is chemically very stable. Oxidized bitumen is a very

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flexible compound that is not only chemically stable but also a very durable compound apart from being completely water resistant.

Lastly, Oxidized Bitumen has some very prominent technical advantages that makes it a after compound in sought applications.

3. PACKAGE AND STORAGE

a) Craft Paper Bag 25 Kg net +/- 2



to the inner silicon coat.

Multi Layered, Silicon Coated, Natural Cotton Net Reinforced, High Temperature, Paper Craft Bags. All Natural Material and Earth Friendly, Easy to stack and store, Durable and Ready to Use.

The product can be easily loaded and downloaded

from container/warehouse thanks to this easy-to-handle packaging: resistant paper bags weighting 25 kg that can be stacked up to 22 pieces.

Once opened bitumen doesn't stick to paper, thanks

This packaging doesn't change its shape and it is more suitable for frequent displacement. Our best and cheapest packing option.





The product can be easily loaded and downloaded from container/warehouse thanks to this easy-to-handle packaging: resistant cartoon boxes weighting 25 kg that can be palletized.

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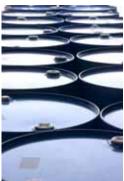
c) In **Irony Drums** and each four drums on a pallet with plastic cover and strapped.

Material: New Cold Rolled Steel

Color: Black

The recommended size: Nominal size = 185Kg packaged in New

Steel Drum



| | DESCRIPTION | VOLUME PER 20' CONTAINER | WEIGHT PER DRUM | No. of DRUMS per container |
|---|--------------|-----------------------------|--------------------|----------------------------|
| | | | | • |
| ì | Net Weight | 18.5mts (+/-3%) | 150kgs (+/-3kgs) | 123 |
| | Gross Weight | 19.6mts (+/-3%) | 158kgs (+/-3kgs) | 123 |
| ı | Net Weight | 19.8mts (+/-3%) | 182kgs (+/-3kgs) | 110 |
| | Gross Weight | 20.9mts (+/-3%) | 192kgs (+/-3kgs) | 110 |
| | Net Weight | 16.0mts (+/-3%) | 210kgs (+/-3kgs) | 80 |
| | Gross Weight | 17.4mts (+/-3%) | 220kgs (+/-3kgs) | 80 |

4. HEALTH AND SAFETY DATA

Do not heat the product to a temperature exceeding 230° C.

Detailed information on health and safety for these products is provided in Safety Data Sheets (Material Safety Data Sheet) corresponding available on request from your local distributor or online at www.sartitan.com.

5. ADDITIONAL INFORMATIONS

Sartitan provides a complete range of bituminous products, white oils, waxes, process oils and other lubricants, fuels and chemicals. Visit www.sartitan.com for more information on other products.

<u>This grade of Oxidized Bitumen meets the requirements specification EN 13304:2003:</u>

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Technical Specifications

| SPECIFICATIONS | 85/25 | TEST METHODS |
|--|-------------|------------------------|
| Specific gravity @ 25/25° C | 1,00 – 1,10 | NFT 66-007 ASTM D70 |
| Penetration @ 25° C | 20/30 | EN-1426 ASTM D5 |
| Softening Point in Glycerin°C | 80/90 | EN-1427 ASTM D36 |
| Ductility @ 25° C | 3 min | D 113 |
| Loss of mass on Heating to 163° C (wt) % | 0,5 max | EN-13303 ASTM D6 |
| Flash Point °C | 250 max | ISO 2592 ASTM D92 |
| Solubility in CS ₂ (wt) % | 99 min | EN-12592 ASTM D4 |



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