



BITUMEN MODIFY PRODUCT  
OXIDES BLOWN ASPHALT

OXIDIZED BITUMEN  
GRADE 85/25

PRODUCTS DATA GUIDE

## 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



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 very sought after compound in various applications.

### 3. PACKAGE AND STORAGE

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



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

to the inner silicon coat.

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



#### b) Poly Bags " PLY BAGS " 30 Kg net +/- 2



The product can be easily loaded and downloaded from container/warehouse thanks to this easy-to-handle packaging: resistant carton 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
Net Weight	18.5mts (+/-3%)	150kgs (+/-3kgs)	123
Gross Weight	19.6mts (+/-3%)	158kgs (+/-3kgs)	123
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](http://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](http://www.sartitan.com) for more information on other products.

*This grade of Oxidized Bitumen meets the requirements specification EN 13304:2003:*



## OXIDIZED BITUMEN GRADE 85/25

### Oxidized Bitumen grade 85/25

#### 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 <sub>2</sub> ( wt ) %	99 min	EN-12592 ASTM D4



[www.sartitan.com](http://www.sartitan.com)



S a r t i t a n s r l

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