

UNICHEM OXIDIZED BITUMEN 115/15

OXIDIZED BITUMEN

UCA-MB-01-0722

DESCRIPTION

UNICHEM OXIDISED BITUMEN 115/15 grade is produced by passing air through soft bitumen under controlled temperature conditions. This oxidation process gives the bitumen more rubbery properties than penetration or hard grade bitumen, and enables the product to serve a variety of uses in industrial applications.

USES

- ❖ UNICHEM OXIDISED BITUMEN 115/15 is suitable for sealing saw cuts and joints where there is expected to be the minimum amount of movement in the joint.
- ❖ The wide temperature range prevents bleeding in high temperature applications. It can also be used for industrial applications such as pipe coating, roofing, waterproofing, flooring, mastics, sound damping, carpet backing, adhesive and electrical 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 180°C to 230°C.

ADVANTAGES

- The special usage of UNICHEM OXIDISED BITUMEN 115/15 is bitumen paint manufacturing and oil well drill fluid.
- It is using as raw material for bitumen coat, roofing, insulation and isolation bitumen membrane sheet.

PACKAGING

UNICHEM OXIDISED BITUMEN 115/15. Packing is available as per customer's convenience. Unichem Chemicals & Asphalt W.L.L Bahrain manufactures UNICHEM OXIDISED BITUMEN 115/15 and is available in different types of packaging including 200 kg drums, and bulk .

TYPICAL PROPERTIES

PROPERTY	TYPICAL DATA	TEST METHOD
SPECIFIC GRAVITY @25°C	1.05 APPROX	ASTM D70
PENETRATION @ 25°C (mm/10)	10/20	ASTM D5
SOFTENING POINT (°C)	110/120	ASTM D36
FLASH POINT (°C)	260 MINIMUM	ASTM D92
SOLUBILITY IN CS₂ (WT%)	99 MAX	ASTM D4
LOSS ON HEATING	0.2 MAX	ASTM D6

STORAGE & SHELF LIFE

UNICHEM OXIDISED BITUMEN 115/15 has 10 years validity with multi time heating and cooling .Please refer to MSDS for more information.

SAFETY PRECAUTIONS

Personal should use & wear protective mask, gloves and goggles during application.

It contains volatile solvent & has a low flash point. Care must be taken to ensure that there is adequate ventilation. Fires & naked flames are kept away from storage & application area.

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LIMITATION OF LIABILITY

This information is based on our current level of knowledge. It is given in a good faith but it is not intended to guarantee any particular properties. The users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.

P.O BOX 80071
BUILDING 1928
ROAD 5146, BLOCK 951
ASKAR, KINGDOM OF BAHRAIN

PHONE : +973 17830830
info@unichembahrain.com
www.unichembahrain.com
CR No. 51803