

UNICHEM BITUMEN MC 70

CUTBACK BITUMEN MEDIUM CURING

UCA-MB-07-0722

DESCRIPTION

UNICHEM BITUMEN MC 70 complies with cutback petroleum asphalts of the Medium-Curing type for use in the construction and treatment of pavements as per ASTM D 2027. Cutback Grade Bitumen is normally used in spraying and in some mixing applications.

UNICHEM BITUMEN MC 70 use in Roofing – As a waterproofing membrane and as an adhesive to stick chippings onto a flat, horizontal roof to minimize the effects of weathering from the sun.

USES

- ❖ UNICHEM BITUMEN MC 70 is used as a primer to the surface of a road pavement aggregate base course or substrate. Kerosene is used as a bitumen cutback agent at different concentrations according to local conditions and requirements.
- ❖ UNICHEM BITUMEN MC 70 is ideal for prime coat and cold applied because of easy application and needs no thinning and heating.
- ❖ UNICHEM BITUMEN MC-70 can be used for waterproofing of surfaces, plug capillary voids, coat and bond loose mineral particles.
- ❖ UNICHEM BITUMEN MC-70 is used in road maintenance, industry etc. where it is used as a prime coat of the base course prior to placing of the bituminous surface course.

TYPICAL PROPERTIES

PROPERTY	TYPICAL DATA	TEST METHOD
KINEMATIC VISCOSITY @ 60°C, cST	70 – 140	ASTM D2170
PACKAGING 20, 200 LTR. OTHER PACKAGING AVAILABLE ON REQUEST		
DISTILLATE, VOLUME PERCENT OF TOTAL DISTILLATE TO 360°C		
UPTO 225°C	20 MAX.	ASTM D402
UPTO 260°C	10 – 70	
UPTO 316°C	65 – 93	
TEST ON RESIDUE FROM DISTILLATION		
PENETRATION (25°C) 100g, 5s, mm	120 – 300	ASTM D5
SOLUBILITY IN TRICHLOROETHYLENE, (% WT)	99 (MINIMUM)	ASTM D2042
WATER, % VOLUME	0.2 MAX.	ASTM D95

STANDARDS

UNICHEM BITUMEN MC 70 meets the performance requirements of ASTM D 2027 & ASTM D 402.

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INSTRUCTIONS FOR USE

SURFACE PREPARATION

The surface must be clean & free of oil, grease or other foreign matters.

APPLICATION

UNICHEM BITUMEN MC 70 should be stirred well before application. Usually application is by spray and roller using a distributor. It should be allowed to dry naturally.

STORAGE & SHELF LIFE

UNICHEM BITUMEN MC 70 should be protected from extremes of temperature. Store in dry & shaded area in original packaging. The container should be kept covered during working in order to prevent evaporation of solvent. Minimum 12 months if stored unopened in original packaging

SAFETY PRECAUTIONS

Personal should use & wear protective mask, gloves & 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.

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