

## UNICHEM BITUMEN RC 70

### CUTBACK BITUMEN RAPID CURING

UCA-MB-09-0722

#### DESCRIPTION

UNICHEM BITUMEN RC 70 complies with cutback petroleum asphalts of the Rapid-Curing type for use in the construction and treatment of pavements as per ASTM D 2028. Cutback Grade Bitumen is normally used in spraying and in some mixing applications.

#### USES

- ❖ UNICHEM BITUMEN RC 70 can be used in the construction and maintenance of pavement and is the ideal tack coat. Kerosene & White spirit is used as a bitumen cutback agent at different concentrations according to local conditions and requirements.
- ❖ UNICHEM BITUMEN RC 70 can be applied to asphalt or granular surfaces using truck mounted spray equipment.

#### TYPICAL PROPERTIES

PROPERTY	TYPICAL DATA	TEST METHOD
<b>KINEMATIC VISCOSITY @ 60°C, cST</b>	70 – 140	ASTM D2170
<b>PACKAGING</b> 20, 200 LTR. OTHER PACKAGING AVAILABLE ON REQUEST		

#### TYPICAL PROPERTIES (CONTD.)

DISTILLATE, VOLUME PERCENT OF TOTAL DISTILLATE TO 360°C		
UPTO 190°C	10 MIN.	ASTM D402
UPTO 225°C	50 MIN.	
UPTO 260°C	70 MIN.	
UPTO 316°C	85 MIN.	
TEST ON RESIDUE FROM DISTILLATION		
PENETRATION (25°C) 100g, 5s, mm	80 – 120	ASTM D5
SOLUBILITY IN TRICHLOROETHYLENE, (% WT)	99 (MINIMUM)	ASTM D2042
WATER, % VOLUME	0.2 MAX.	ASTM D95

#### STANDARDS

UNICHEM BITUMEN RC 70 meets the performance requirements of ASTM D 2028

#### INSTRUCTIONS FOR USE

##### SURFACE PREPARATION

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

##### APPLICATION

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

# UNICHEM BITUMEN RC 70

## CUTBACK BITUMEN RAPID CURING

UCA-MB-09-0722

### STORAGE & SHELF LIFE

UNICHEM BITUMEN RC 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](mailto:info@unichembahrain.com)  
[www.unichembahrain.com](http://www.unichembahrain.com)  
CR No. 51803