



**BITUMAT**  
بيتومات

## BITUGARD

Non-Fibered Waterproofing Coating

### DESCRIPTION

BITUMAT BITUGARD is an economical cold applied waterproofing coating formulated from ductile, high quality bitumen, select solvents and special additives. BITUMAT BITUGARD forms a flexible, durable waterproofing film that resists the attack of weather, salts and water.

### USES

BITUMAT BITUGARD is a general purpose waterproofing coating suitable for application to existing roofs, as a re-saturant over built-up roof and for underground concrete foundations or basements.

BITUMAT BITUGARD can also be used on metal roofs, spouts and gutters.

BITUMAT BITUGARD should not be used for new roof construction or over modified Bitumen membrane.

### OUTSTANDING FEATURES

- BITUMAT BITUGARD is formulated with a highly ductile and pliable asphalt in order to withstand the normal cycles of expansion and contraction.
- Cures to a tough elastic film, resistant to weather, sun, heat, rain, underground water and salts.
- Resistant to many acids and alkalis.
- Easy to apply and saves labour costs.
- Economical waterproofing coating.

### APPLICATION

The surface must be thoroughly cleaned, free of dust, dirt, debris, grease and oil. The surface must be dry. If applied over concrete, it must be thoroughly cured.

It can be applied by squeegee, spray, brush or rollers.

### CLEANING

- Tools : Clean with kerosene  
Hands : Use a hand cleaner or kerosene followed by soap and water.

### COVERAGE RATE

Over concrete : 0.5 to 0.7 Ltr/M<sup>2</sup>

### STANDARDS

Base complies with ASTM D449, Type II

### PACKING

20-Litre Pails and 200-Litre Drums.

### HEALTH & SAFETY

Flammable; contains petroleum distillate. Keep away from open fire, sparks or other ignition sources. Wear protective clothing, gloves and goggles.

1. Fire - Flammable when wet, flash point 40 °C.
2. Skin - Avoid repeated or prolonged contact; if contact occurs, remove with hand cleaner that removes oil or grease; then clean with soap and water.
3. Eyes - Contact could cause irritation. If contact occurs, flush with clean water.
4. Inhalation - Can cause dizziness. Remove to fresh air and if breathing difficulty persists administer oxygen & contact physician.



NRCA MEMBER



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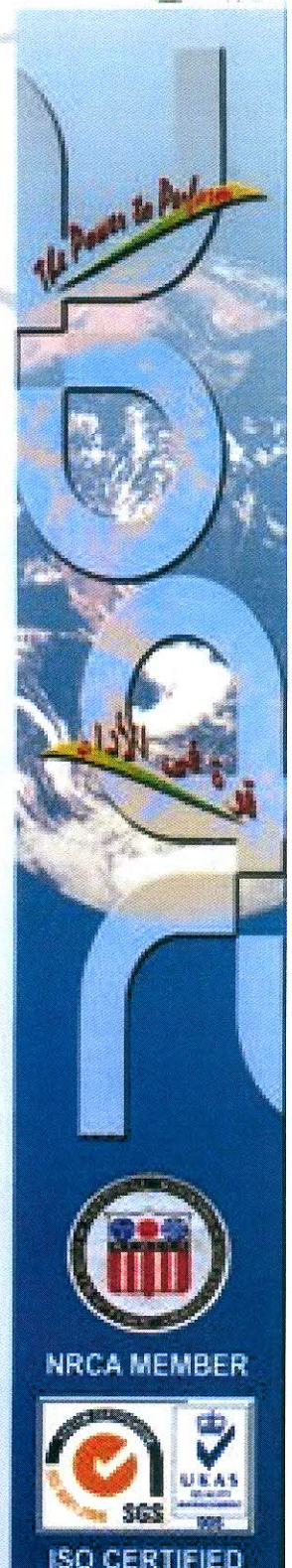
## TECHNICAL DATA

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	Property	Typical Value	Test Method
1.	Density, at 25°C., Kg/liter	0.89 - 0.96	ASTM D 70
2.	Viscosity @ 50 °C., cps	350 - 700	Brookfield
3.	Softening point base from distillation, °C.	60 - 70	ASTM D 36
4.	Penetration base from distillation @ 25 °C., dmm	25 - 35	ASTM D 5
5.	Ductility base from distillation, @ 25 °C., cm	10 (min.)	ASTM D 113
6.	Adhesion to dry surfaces	Good	ASTM D 3409
7.	Adhesion to wet surfaces	Good	ASTM D 3409
8.	Non-Volatile, % Wt.	55 (min.)	ASTM D 402
9.	Volatile, % Wt.	45 (max.)	ASTM D 402
10.	Resistance to Sunlight (UV)	Excellent	ASTM G 53
11.	Resistance to heat	Good	ASTM G 53
12.	Resistance to water	Good	ASTM G 53
13.	Resistance to salt	Good	Immersion
14.	Service Temperature, °C	0 to 80	-

The information in this Technical Sheet is given to the best of our knowledge based on laboratory test and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the product itself.

THIS PUBLICATION AUTOMATICALLY SUPERSEDES ALL PREVIOUS PUBLICATIONS RELATING TO THIS PRODUCT.



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