



BITUMAT
بيتومات

The Power to Perform

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NRCA MEMBER



ISO CERTIFIED

ROOFGARD

Fibered Roof Coating

DESCRIPTION

BITUMAT ROOFGARD is a high quality, cold applied, fibered waterproofing coating formulated with select ductile bitumen, blended with pure petroleum solvents and compounded with re-inforcing fibers, gelling agents, mineral stabilizers and a special adhesion additive.

USES

BITUMAT ROOFGARD is designed to waterproof and protect built-up roofs, metal roofs, modified bitumen roofs, exterior foundation walls, concrete decks and walls, valleys, gutters, etc. BITUMAT ROOFGARD can be used to restore and waterproof either existing roofs or new cold applied roofs. BITUMAT ROOFGARD can withstand normal structural or thermal expansion and contraction.

OUTSTANDING FEATURES

- BITUMAT ROOFGARD has the ability to resist oxidation, high heat and ultra-violet light.
- The special chemical additives allow the product to penetrate existing surfaces and form a durable bond resistant to peeling and separation.
- Flexible and pliable. Can withstand normal roof stresses, expansion and contraction.
- Prolongs the life of both old and new roofs.
- Waterproofs existing roofs economically.
- Single component and cold applied, minimising labour costs.

APPLICATION

The surface must be thoroughly cleaned and should be free from dirt, debris, loose gravel, scale, etc. It should also be dry. If the surface is brittle asphalt or concrete, prime with BITUMAT BITUPRIME and allow to cure to tack free. Repair all blisters, cracks, splits, torn-up flashing or any other defects prior to coating. Apply with roofing brush, squeegee, or airless spray equipment at the recommended coverage rates.

Use for application in conjunction with membrane as Built-up-roofing or capsheet.

CLEANING

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

COVERAGE RATES

Smooth surface asphalt : 0.80 -1.20 L/M²
Gravel covered asphalt : 1.60 -2.50 L/M²
Metal surfaces : 0.40 -0.60 L/M²
Concrete : 0.60 -0.80 L/M²

STANDARDS

Complies with ASTM-D-4479, 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 persist administer oxygen & consult the physician.



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TECHNICAL DATA

CTG01	50-E	R-00	00
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Property	Typical Value	Test Method
Density, at 25°C, Kg/liter	1.01 - 1.03	ASTM D 70
* Viscosity @ 25 °C, cps	12,000 - 30,000 depending on grade	Brookfield
Dry film thickness, 1 Liter//M ² , mm	0.46	-
Drying time, to touch, at 25 °C, Hr.	4	-
Drying time, through, at 25 °C, Hr.	48	-
Colour	Black	-
Cold Temperature Pliability at 0 °C	No cracking or chipping	ASTM-D-4479
Resistance to heat at 60 °C	No sagging greater than 6 mm or blistering	ASTM-D-4479
Adhesion to wet surfaces	Excellent	ASTM-D-3409
Adhesion to dry surfaces	Excellent	ASTM-D-3409
Resistance to sunlight (UV) (Weather-O-Meter, 2000 Hrs)	No erosion, cracking or peeling	ASTM-G-53
Resistance to mild acids and alkalies	Good	Immersion
Service Temperature, °C	0 to 90	-
Resistance to solvent	Poor	-
Non - volatile, % Wt.	65 - 70	ASTM-D-4479
Volatile, % Wt	30 - 35	ASTM-D-4479
Bitumen Content, % Wt	51 - 58	ATM-D-4
Mineral Stabilizers and Fibers, % Wt.	12 - 14	ASTM-D-4479
Special Additives, % Wt.	0.8	ASTM-D-4479

* Available in two grades, summer and winter. Specify winter grade for application at 25 °C or below and for spray application; summer grade at temperature greater than 25 °C.

The information given in this Technical Data Sheet reflects typical median properties based on laboratory test, and practical experience; subject to the tolerance levels of UEAtc directives. However, as the product is often used under conditions beyond our control, we can't warrant but the product itself.

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

BITUMAT COMPANY LIMITED

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