



**BITUMAT**  
بيتومات

*The Power to Perform*

*قوة في الأداء*



NRCA MEMBER



ISO CERTIFIED

## ALUGARD

Fibred Aluminium Roof Coating

### DESCRIPTION

BITUMAT ALUGARD is a fibred, cold applied, high quality, reflective, decorative and waterproofing asphalt base coating. Formulated with ductile bitumen, polished aluminium flakes and fortified with fibers, mineral stabilizers and additives.

### USES

BITUMAT ALUGARD is an excellent protective coating for BUR, composition and modified bitumen roofs. Effective as waterproofing, preservative coating over aged bitumen roofs. BITUMAT ALUGARD is an effective coating over metal roofs and over roof flashing details.

### OUTSTANDING FEATURES

- Aluminium roof coating can reduce the roof temperature by as much as 10°C., which means not only protection of the roof, but also reducing the air-conditioning requirement.
- Protects metal structures from rust and corrosion.
- Restores old weathered existing roofs and eliminates the need for re-roofing.

### APPLICATION

Remove all dirt, debris, scale, loose gravel, granule, loose coating, oil and grease. If applying over dried-out, weathered asphalt, first prime with BITUMAT BITUPRIME/ BITUFAST. When coating a metal structure remove all dust, dirt and rust by sand blasting, etching or steel wire brush, then prime with BITUMAT METALSEAL and allow the primer to cure for 2 days before coating.

Apply with roofing brush, squeegee or airless spray equipment at the recommended coverage rates. The coating should be applied with all strokes in one direction to achieve colour uniformity and optimum brilliance. The material should be thoroughly stirred with a mechanical mixer prior to application and periodically during application. Best results are realised when application takes place at temperatures above 20°C., with low relative humidity.

### CLEANING

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

### COVERAGE RATES

Smooth asphalt/  
asphalt roll roofing : 0.5-0.7 Kg/M<sup>2</sup>  
Modified bitumen : 0.4-0.5 Kg/M<sup>2</sup>  
Metal : 0.3-0.4 Kg/M<sup>2</sup>  
Granular, wood and concrete : 0.6-0.8 Kg/M<sup>2</sup>

### STANDARDS

Complies with ASTM D 2824, Type III.

### 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.



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## TECHNICAL DATA

CTG05 50-E R-00 00

	<i>Property</i>	<i>Typical Result</i>	<i>Test Method</i>
1.	Density, at 25°C., Kg/liter	1.1 - 1.3	ASTM D 70
2.	Viscosity @ 25°C., cps	10,000 - 15,000	Brookfield
3.	Dry film thickness, 1 Liter/M <sup>2</sup> , mm	0.6	-
4.	Colour, cured	Silver	-
5.	Colour, wet	Brown	-
6.	Drying time, to touch, hr.	2	-
7.	Drying time, through, hr.	24	-
8.	Drying time, ultimate brilliance, weeks	2	-
9.	Adhesion to dry surfaces	Excellent	-
10.	Reflectance, %	60 (min.)	ASTM D 2824
11.	Resistance to heat at 60 °C	No sagging or blistering	ASTM D 2822
12.	Resistance to solvent	Poor	-
13.	Resistance to water : Under drainage Under standing water	Good Poor	- -
14.	Service temperature, °C	-5 to 60	-
15.	Non - volatile, % Wt.	65 - 70	ASTM D 2824
16.	Volatile, % Wt	30 - 35	ASTM D 2824
17.	Metallic aluminium content, % Wt.	21 (min.)	ASTM D 2824
18.	Pigments, stabilizers and additives, % Wt.	18	ASTM D 2824

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.



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