



BITUMINOUS COATS

NILOCOAT AL

Non - Fibered Aluminum Coating

DESCRIPTION

NILOCOAT AL is a cold applied asphalt base highly reflective aluminum coating. It is formulated with ductile, pliable bitumen dissolved in select petroleum solvents and blended with polished aluminum flakes.

USES

NILOCOAT AL is an excellent protective coating for Built-up-roofing, and modified bitumen membrane roofing.

It is a preservative coating over aged bituminous roofs, in maintenance and repair works.

It is also an effective protective coating over roof flashing details and over metal roofs.

MAJOR FEATURES

- Ready for use, no mixing or dilution needed.
- Highly reflective, up to 70% reflectivity of sunrays, which prolongs the service life of the roofing membranes.
- Restores old weathered existing roofs, in maintenance works, thus delaying need for re-roofing.

APPLICATION

- Thoroughly clean the surface to be coated. All dirt, dust, scale, loose coating and rust must be removed and the surface must be dry before coating.
- Material should be thoroughly stirred prior to application, and periodically during application.
- Apply with roofing brush, squeegee or airless spray equipment at the recommended coverage rates.
- Coating should be applied with all strokes in one direction to achieve color uniformity.
- Best results are achieved when applied at a temperature above 20°C, and at low relative humidity.

CLEANING

Tools : Clean with kerosene

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

COVERAGE RATES

0.3-0.5 Kg/M2 (Depending on condition of substrate)

STANDARDS

Complies with ASTM-D-2824, Type I.

PACKING

15Kg & 200 Kg pails.

HEALTH & SAFETY INSTRUCTIONS

- Flammable when wet, Keep away from open fire, sparks or other ignition sources.
- Avoid repeated or prolonged contact with skin. To remove use a hand cleaner that removes oil and grease, then wash with soap and water.
- If in contact with eyes, flush immediately with water to avoid irritation.
- Inhalation may cause dizziness, adequate ventilation must be provided.
- Wear protective clothing, gloves, and goggles.



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Properties		Test Method	NILOCOAT AL
Density, at 25°C., Kg/liter		ASTM-D-70	0.99 - 1.03
Viscosity @ 25°C., cps		Brookfield	300 – 600
Dry film thickness, 1 Liter//M ² , mm		-	0.3
Color, cured		-	Bright Silver
Color, wet		-	Brown
Drying time	to touch, Hr.	-	2
Drying time	through, Hr.	-	24
Adhesion to dry surfaces		-	Excellent
Reflectance, %		ASTM-D-2824	70 (min.)
Resistance to heat at 60 °C		ASTM-D-2822	No sagging or blistering
Resistance to solvent		-	Poor
Resistance to water Under drainage		-	Good
Under standing water		-	Poor
Service temperature, °C		-	-5 to 60
Non - volatile, % Wt.		ASTM-D-2824	52 – 60
Volatile, % Wt		ASTM-D-2824	40 – 48
Metallic Aluminum Content, % Wt.		ASTM-D-2824	22 (min.)
Shelf Life		-	12 Month (In factory sealed container, stored in shaded ventilated area)

The information given in this Technical Data 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.

Distributor:



Nile Waterproofing Material Co. S.A.E
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