

REFLECTIVE FIBRED ALUMINIUM COATING

SPECIFICATIONS

This component is a Reflective fibred aluminium coating, used for industrial maintenance, self-priming, high build aluminium coating formulated from specially processed asphaltic liquids, non-drying oils, a proprietary blend of natural and synthetic fibres, and a fine aluminium pigment. It contains no asbestos. It reflects heat, prevents corrosion and protects against mild acid and alkali fumes on a variety of substrates, including metal, concrete, transite, builtup roofing and modified bitumen.

Features :

- Used for the rust proofing and weatherproofing of metal roofs, sidewalls, tanks, bridges, structural steel, electrical transmission towers, piping, guard rails, etc.
- Can be applied in colder temperatures than its water-based counterpart.
- The thick one-coat application makes it very economical and easy to use product.
- Aluminium finish is highly reflective, protecting the roof from harmful UV as well as keeping building cooling costs to a minimum

TYPICAL PROPERTIES

Appearance	Aluminium
Finish	Semi-gloss
Dry Film Thk.	200 microns – Inland Environment, 300 microns – Coastal &
Specific Gravity	Industrial Environment
Solids by Mass	1.06 ± 0.02
Solids by Volume	61% ± 1%
Flexibility at 0°C	47% ± 1%
Curing Time at 25°C	24 Hours
Theoretical coverage	Passes 6mm diameter mandrel bend
	2.35m ² /litre at 200 microns
Limitations	1.57m ² /litre at 300 microns
	The surface dictates the actual coverage.

INSTRUCTIONS & SURFACE PREPARATION

General Remove: Remove all debris, dirt, dust and loose gravel by sweeping with a stiff broom or power cleaning equipment or by using high pressure power wash. Remove any oil or grease from surface to be coated. All surfaces must be clean and dry.

Metal: Rust and flaking or peeling paint shall be wire brushed, scraped or pressure washed to ensure a sound surface. No priming is necessary because of the rust inhibiting oils in Alumanation 301. Seams, fasteners and protrusions shall be repaired as needed.

Built-up Roofing: Torn flashings, faulty copings, parapet walls, large blisters and surface breaks shall be repaired.

Limitations: Do not apply when the air or surface temperature is below 5°C or when rain is imminent. Not recommended for use over tar surfaces, slate, tile, wood, shingles or where water continuously ponds. Do not apply over newly installed asphalt built-up roofs without allowing the roof to cure for a minimum of 90 days.