



# BITUMEN ALUMINIUM

## PRODUCT DESCRIPTION

Aluminium flake filled hydrocarbon resin base, containing bitumen.

## PRODUCT FEATURES

Bitumen aluminium is a medium viscosity coating designed to provide:

- Good adhesion to most surfaces
- Good weather ability
- Good chemical resistance in mild corrosive environments
- Good heat reflectance
- Good mar & stain resistance
- Infinitely over coatable with itself & other hydrocarbon resin based coatings

### Product uses:

Ideal for:

- Correctly prepared galvanized roofing
- Fencing poles
- Outdoor tanks requiring temperature reduction
- Exterior of storage vessels for fuel & gas

## TECHNICAL INFORMATION

Colour:	Dull silver
Viscosity:	75 – 90 seconds at 25°C (Ford Cup no4)
Spreading rate:	6 – 8 m <sup>2</sup> per litre
Mix ratio:	Ready for use
Volume solids:	36 – 40 %
Recommended DFT:	25 – 50 microns
Temperature resistance:	80°C
Solvent:	Industrial or Lacquer thinners
Packaging:	1, 5 & 20 litres

## SURFACE PREPARATION

All surfaces are to be degreased using Superclean water-soluble degreaser, followed by a fresh water wash.

**Mild steel:** Abrasive blasts clean to Grade SA 2.5 of the ISO 8501-1-1988 Standard. Mechanical cleaning with a wire brush, abrasive paper & grinders, produce good results. However, never as good as abrasive blasting.

**Aluminium & Galvanized steel:** Degrease using Superclean, followed by a fresh water wash. Coat as soon as possible. Normally recommended to coat within 1 hour of cleaning.

**Fibreglass:** Flat surfaces with abrasive paper 220 mesh & degrease using Superclean, followed by a fresh water wash.

Never prepare surfaces for painting that are going to stand overnight or that can not be painted within 1 hour of preparation or in inclement weather.

## APPLICATION

Airless spray: Nozzle pressure: 120 bar  
Nozzle orifice: 315 – 515 mm

Conventional spray: Nozzle pressure: 2 bar  
Nozzle orifice: 1 mm

Brush and Roller: Suitable as supplied

Clean up: Use good quality industrial or Lacquer thinners

## ENVIRONMENT

Always apply the rule of 2°C above dew point.

Surface temperature: Min. 5°C Max. 40°C

Ambient temperature: Min. 5°C Max. 40°C

Relative humidity: Min.0% Max.70%

## DRYING TIME

Substrate Temp	Touch Dry	Hard Dry
25°C	10 minutes	40 minutes

## OVERCOATING TIMES

5°C:	12 hours
10°C:	6 hours
15°C:	4 hours
20°C:	2 hours
25°C:	1 hour

## STORAGE AND HANDLING

Storage: Avoid direct sunlight, open flames, sparks or severe cold. Ideal temperature: 15 -20 °C

Shelf life: 12 months in original sealed containers.

Flash point: 5°C

It is essential to wear protective clothing, impervious gloves, apron, splash proof glasses & an air fed respirator or a solvent resistant respirator. Ensure good ventilation when spraying.

## LIMITATIONS

Bitumen Aluminium Has limited solvent resistance.

## SAFETY PRECAUTIONS

Bitumen Aluminium & thinners contain solvents, which are flammable.

KEEP OUT OF REACH OF CHILDREN.

Information Provided is based on Laboratory evaluations and data believed to be reliable.  
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.  
It is not to be considered a guarantee of the products properties.

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