



Amended April 2022

DATA SHEET - BITUMEN ALUMINIUM

Description:

High quality rust inhibitive coating for internal and external use, the bitumen in the products helps with water, acid, and alkali resistance. And gives the coating the ability to be a very effective paint system to prevent moisture absorption.

Principal Characteristics:

General purpose Bitumen Aluminium for all structural steel surfaces.
Fast drying.
Good colour retention.
Not suitable for immersion in water.

Preparation:

Ensure surface is dry and in sound condition, free from dust, grease, oil, algae, fungus, or any loose particles. The substrate temperature should be between 10 °C and 30 °C and at least 3°C above dew point during application and curing.

Previously painted surfaces:

1. Gloss & Enamel paints – sand well, clean and apply two coats of Africote Bitumen Aluminium.
2. Water based paints – NOT RECOMMENDED strip coating down to bare steel substrate again.
3. Chalky surfaces – (not recommended as the product is developed for steel substrates) wash surface and apply 1 or 2 coats of Africote Bonding Liquid, depending on severity of condition.
4. Poor condition surfaces – strip down and treat as new surface.

Application:

1. **Stir well** and **continuously** while applying the product the nature of the product is that the aluminium flakes and the bitumen separates immediately that is why continuously stirring and mixing is recommended to prevent streak marks and discolouration.
2. **Stir well** and apply second coat after 8 hours drying time.
3. Product application can be done in the following ways. Airless spray, Air assisted, brush or roller.

Caution:

1. Application must be even to avoid variation in finish.
2. Spot touch-ups will lead to variation in finish and colour.
3. Applying coats too thick can cause wrinkling and running.
4. Very cold conditions will extend drying times.

Packaging: 1lt, 5lt and 20lt

Colour and Gloss: Aluminium and Low Sheen

Usage: Interior & Exterior

Drying Time: ±1hr surface dry hours ±8hrs hard dry

Recoat Time: min 8hrs for 502m (microns)

Spread Rate: 10 – 12sq m/ Litre for 502m

Cleaning: Mineral Turpentine

Thinning: Not recommended

Shelf life: At least 12 months in cool and dry conditions

Flash point: 37°C

Mass Relative density: 0.9 - .95g/cm³

Health and Safety:

1. Keep out of reach of children.
2. Avoid swallowing. If swallowed, induce vomiting, and seek medical attention immediately.
3. Avoid eye contact. In case of eye contact, rinse eyes thoroughly with water, seek medical attention immediately.
4. Allow sufficient ventilation during application.

NB: No claims will be entertained where applications are done using other manufacturer's products in combination with Africote products. This includes bonding liquids, solvents, filler coats, sealers, undercoats etc.

NB: Due to ongoing research and development undertaken on our coatings and the application process, coupled with technological advances in the industry, please consult our factory to ensure you have the latest Data Sheet.

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