



Amended 30-04-2014

## **DATA SHEET**

### **GLOSS ALUMINIUM**

#### **Description**

High quality general purpose solvent/Alkyd based aluminium coating for all structural steel surfaces. The aluminum pigment is made up of very thin, highly polished flakes that are not thoroughly moistened by paint or liquids as a result when the aluminium paint is applied, the aluminum flakes "leaf" that is, orient themselves in parallel layers, the top layer being an almost continuous film of aluminium this then gives the product the ability to be a excellent rust and corrosion resistant coating.

#### **Principal Characteristics**

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

#### **Packaging, Colour and Gloss**

1lt, 5lt, 20lt  
Bright Aluminium

#### **Specifications**

Use	:	Interior & Exterior
Drying Time	:	±1hr surface dry hours ±8hrs hard dry
Recoat Time	:	min 8hrs for 50µm (microns)
Spread Rate	:	10 – 12sq m/ Litre for 50µm
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/cm <sup>3</sup>

## **Recommended substrate conditions and temperatures**

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 surface.**

1. **Gloss & Enamel paints** – sand well, clean and apply two coats of Africote Gloss 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 Paint Bonding Liquid, depending on severity of condition.
4. **Poor condition surfaces** – strip down and treat as new surface.

### **Application**

1. Stir well before applying the product the nature of the product is that the aluminium flakes is “ heavy” and will settle down after a long period in the can, stirring and mixing is recommended to prevent streak marks.
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.

### **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.