

## Crown Aluminium (Leafing) Paint

### PRODUCT DESCRIPTION

**Type:** A single pack, synthetic resin-based coating with Aluminium pigment

**Uses:** Designed for exterior and interior as a general-purpose finish on steel, wood, galvanised iron and masonry for its decorative and protective qualities. Also used for its reflective qualities on steel fuel storage tanks.

**Substrates:** Ferrous metals, wood, concrete, plaster. Also used on corrugated iron and metal roofs on houses, factories, stores, etc to reduce interior temperature.

**Advantages:** Good water and corrosion resistance, flexibility and heat reflectivity. Good adhesion and opacity

**Conditions during application;** The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 3% (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

### PRODUCT DATA:

**Colour Range:** Metallic Silver

**Pack Sizes:** ½L, 1 litre, 4 litres and 20 Litres

**Finish:** Metallic lustre

**Thinner & equipment cleaner:** Crown White Spirit

**Dilution Ratio:** Supplied ready for use for brush application. For spray application, thin up to 20% by volume with Crown White Spirit. Stir well before and intermittently during use.

**Drying Times:** Touch Dry: 4 Hours. Overcoating Time: 16 Hours @ 25°C.

**D.F.T.:** 20 – 25 microns

### APPLICATION DATA:

**The product can be applied by:** Brush or spray.

**Spreading Capacity per coat:** Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting

12 - 15m<sup>2</sup>/l per coat on a primed surface.

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

# TECHNICAL DATA SHEET



If you like it... Crown it!

## DIRECTIONS FOR USE

### Surface preparation & Paint System:

Surface	Preparation	Primer/ Undercoat	Topcoat
New Ferrous and Steel surfaces	Degrease with Crown White Spirit or degreaser followed by a fresh water rinse. Wire Brush off all rust to ST2 of Swedish Standard SIS 055900 - 1967	1 Coat Prefab Red Oxide (mild conditions) or 1 coat Zinc Phosphate Primer (harsh environment)	1 – 2 coats Crown Aluminium Paint diluted with White Spirit as per application method
New Galvanised Iron	Degrease with Crown White Spirit or degreaser followed by a fresh water rinse. Test for “water break free” surface prior to priming. 1 coat of 1-pack Etch Primer or Mordant Solution	1 Coat Prefab Red Oxide (mild conditions) or 1 coat Zinc Phosphate Primer (harsh environment)	1 – 2 coats Crown Aluminium Paint diluted with White Spirit as per application method
Woodwork	Ensure completely dry. Punch all nail heads below the surface. Sand down to smooth surface and dust off. Treat all knots and pitch streaks with 2 thin coats of Knotting.	1 coat Crown White Wood Primer.	1 – 2 coats Crown Aluminium Paint diluted with White Spirit as per application method
Masonry	Remove loose particles. Ensure surface completely dry.	1 coat Plus 3 Masonry or Alkali Resisting Primer	1 – 2 coats Crown Aluminium Paint diluted with White Spirit as per application method

### Precautions:

1. To avoid shade variation, especially for projects, ensure that batch numbers match. Blend different batch numbers prior to applying
2. Not recommended where chemical and solvent resistance are required
3. Avoid applying heavy coatings above 35µm DFT to prevent wrinkling
4. Avoid the use of cheap solvents as these may affect gloss or drying time

**Availability:** From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

**Storage Conditions:** Store under cool dry conditions away from direct sunlight, heat and extreme cold.

**Disclaimer:** The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Crown Paints Kenya PLC control. Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). Crown Paints Kenya PLC reserves the right to amend the TDS without any further notice. It is the responsibility of the user to ensure that the latest TDS is being used for reference.

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**For additional health & safety information, please refer to our Material Safety Data Sheet (MSDS)**