

Description

A one component anti-corrosion coating with galvanic characteristics and full cathodic protection in aerosol form. Zingalu is made from a combination of zinc dust and aluminium flakes in a blend of aromatic hydrocarbons. Zingalu can be used for the repair and maintenance of old or damaged hot-dip galvanising, Zinga or other zinc based systems.

Outstanding Characteristics

- Zingalu provides excellent cathodic protection to steel.
- Exceptionally resistant to mechanical shocks, abrasion and erosion.
- Appropriate for touch-up of weld seams and spot welds.
- Good electrical conductor.
- Contains more than 92% pure zinc and 4% aluminium in its dry film.

Typical Uses

Zingalu can be used as a primer or as a final layer. Its primary use is for the touch-up or repair of galvanised components because it provides both cathodic protection and a close colour match to new hot-dip galvanising.

Prohibited Uses

Topcoats:

Like all zinc based coatings, Zingalu must not be over-coated with any alkyd based product.

Environment:

Like all zinc based systems, Zingalu must never be used in immersed conditions above 65°C.

Transport Information

UN Number	1950
Road	ADR 2.1
Sea	IMO 2.1
Air	IATA 2.1

Physical and Application Data

Finish	Gloss
Colour	Metallic (aluminium)
Components	1
Propellant	DME (dimethylether)
Content	Liquid

Substrate	Ferro metals or damaged zinc surfaces
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Substrate Preparation	Grease free, clean, dry and roughened to Ra 12.5-15µm
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Dry film thickness	40µm
Specific Gravity	1.180 g/cm ³ (@20°C)
Theoretical Coverage	4.0m ² /kg @ 40µm

Drying Times @ 20°C:

Touch Dry	15 mins
Dry for exposure to rain	30 mins
To overcoat with Zingalu	60 mins
To overcoat with Epoxy	4 - 8 hrs

Flash Point	<0°C Propellant
Application temp. range	5°C to 40°C
Working temp. range	-40°C to +150°C

Shelf life	2 Years
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Packing	500ml Spraycan
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Storage	Zingalu must be stored away from sources of moisture and sources of ignition. The cans should be stored vertically at room temperature.
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Mixing	Zingalu should be shaken vigorously prior to use. The clicking of the ceramic balls inside the can should be clearly audible when mixing is complete.
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Application	Zingalu should be applied evenly by successive passes (horizontally and vertically), at a distance of 30cm from the substrate.
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