

Description

WS 1544 S is an epoxy based anti-corrosion coating with 97% pure Zinc in a dry film. Excellent corrosion and rust resistance. Resistance tested with Salt Fog test (+2600 hours) and withstands temperatures up to 350°C. Excellent adhesion and fast drying.

Features

- Excellent for touching up galvanised surfaces.
- Provides excellent resistance to ferrous metals, against corrosion and rust.
- Galvanic properties ensure cathodic protection (the coating becomes the anode).
- Unique combination of flexibility and toughness.
- Resistant to oxidation, flaking and fading.
- Good adhesion to metal surfaces.
- Combines a galvanic finish with the convenience of a spray application.
- No chlorinated solvents and low aromatic content.
- Lead and chrome free.
- The aerosol formulation contains DME propellant for controlled application and optimum film properties.

Applications

- Structured steel.
- Rail guard.
- Welding joints.
- Construction equipment.
- Household, garden and agricultural equipment.
- Fences and gates.
- Piping and fixings.
- Repair of LPG tanks.
- Coastal and nautical facilities.

Instructions for use

- Remove rust and scale with a wire brush.
- Apply to clean, dry and grease-free surfaces for optimum results.
- Shake the aerosol for at least one minute after the ball has been released.
- Apply in thin, even coats; better results are obtained with 2 thin coats than with 1 thick coat. Once the application is finished, clean the valve by spraying with the can inverted until only gas comes out.
- Do not apply to equipment connected to the network.
- Use in well-ventilated areas.

Technical Data

Property	Specification/Method	Value
Reference	- - - - -	WS 1544 S
Aspect	- - - - -	Matt Galvanised
Colour	- - - - -	Dark Grey
Density at 20°C	- - - - -	1.25 g/cc
Pigment type	- - - - -	Zinc (99% pure)
Application temperature	- - - - -	5°C to 40°C
Coverage (30 µm, dry)	- - - - -	+/- 2 m ² / pot (400 ml)
Drying time to touch	ASTM D1640	20 - 30 min.
Total drying time	- - - - -	24 h
Recommended film thickness	- - - - -	30 - 40 microns
Salt Fog	ASTM B 11	>2600 h
Adhesion on steel	ASTM D 3359	GT = 0/1
Flexibility (6 mm mandrel, visual)	- - - - -	Go to
Thermal resistance (4 h at 200°C)	- - - - -	Slight yellowing
Heat resistance	- - - - -	Up to 350°C

R-300-73 Ed. 1.0

