

Flaky Zinc Spray 'bright grade'

ZINC RICH BRIGHT PROTECTIVE COATING for long term cathodic corrosion protection

KLYDETM
PERFORMANCE SERIES

Technical DataSheet

Developed in GERMANY

KlydeTM Flaky Zinc Spray 'bright grade' provides a long term cathodic corrosion protection to all metal substrates requiring a permanent zinc enriched bright protective coating.

The spray forms a quick-drying, smooth and even protective layer of micronised zinc flakes creating a galvanic barrier between the environment and the base metal to prevent the formation or spread of rust and corrosion. The dry film containing zinc flakes forms a resistant protective layer and survive extreme weather conditions.

Ideal for components that can not be galvanised during hot dip process, can be used as touch-up to repair the surface of galvanised components that have been damaged or repaired prior to welding or mechanical operations.

PRODUCT CHARACTERISTICS

Form	Gray Suspension
Basis	Solvent
Propellant (aerosol)	Propane/Butane
Colour	matches fresh hot dip galvanised coatings
Odour	Solvent-like
Density (Slurry)	0.98-1.1 g/cm ³
Application	interior and exterior
Binding Agent	Modified Alkyd resin
Pigment	Zinc Flakes and Aluminium
Pigment Purity	Zn >99.9% / Al >99.5%
Percentage of Metal in dry film	> 70%
Dust Dry	15 mins
Hardened after	24 h
Process Temperature	5 to 35 °C
Temperature Resistance	-10 to 200 °C
Layer thickness at 1.5 cross coat	~ 20 microns
Surface Area Coverage at 1.5 cross coat	3 - 3.5 m ²
Abrasion Resistant	yes
Cross Cutting DIN 53151/ ISO 2409	GT 0 - GT 1
Salt Spray Test DIN EN ISO 9227	> 550 hrs*
Mandrel bend test DIN EN ISO 1519	no hair cracking
Shelf Life	24 months
Delivery Form	Aerosol (500 ml)
Case Size	20 cans



BENEFITS

- Enriched with Zinc Flakes and other special additives
- Instant touch Dry
- Highly resistant to scratching, abrasion, denting, moisture and road salts
- Brilliant finish corresponding to hot dip galvanising
- > 550 hours* of Salt Spray Test
- Long term protection
- Water resistant

PACKING

Aerosol 500 ml (1 box = 20 Cans)

PRE-TREATMENT

Clean and degrease the surface with KlydeTM Surface Cleaner. The surface should be free of any tinder, rust, other contaminations like oil, fat etc.

APPLICATION OF ZINC SPRAY

Shake the can well before use until the agitator ball is heard clearly. Hold the can upright and spray an even layer crosswise from a distance of 10-25 cm's.

For best results, apply thin even coats instead of a single heavy coat.

STORAGE

Store in well-ventilated area away from heat sources. Do not expose to temperatures exceeding +50°C

HEALTH AND SAFETY

Review all relevant health and safety information before using the product. For complete health and safety information, refer to Safety Data Sheet.

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* with a layer thickness of 80 microns

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