

ZINK 62

Rust protector.

1. GENERAL DESCRIPTION

An epoxy ester coating containing a high level of zinc to give galvanic corrosion protection to steel surfaces.

ZINK 62 forms an active galvanic anti-corrosion film. The metal powdered coating acts as a "sacrificial coating". The zinc is slowly converted by corrosive media into a water-insoluble zinc oxide coating; this process and the coating which is formed protect the base material from further attack. Zink 62 is still active even when there are cracks in the lacquer coating.

2. FEATURES

The unusual ratio between binder and the high purity zinc results in a combination of high mechanical strength and long lasting anti-corrosion properties even if the coating gets damaged. Zink 62 does not contain chlorinated nor organic solvents and is lead- and chromate-free. Surfaces coated with Zink 62 can be electrically welded and re-coated easily.

3. APPLICATIONS

KONTAKT CHEMIE Zink 62 is used as a protective paint for steel constructions, particularly for the improvement of galvanised surfaces. Surfaces treated with KONTAKT CHEMIE Zink 62 can be electrically welded without difficulty. The product is suitable therefore as corrosion protection for parts which become inaccessible after they have been fitted.

4. DIRECTIONS

- Shake the aerosol well before use until the mixing balls rattle in the can. Then shake for a further 30 s.
- Remove dirt and rust with a wire brush. Apply to dry, grease-free surfaces. Two thin coatings sprayed at an interval of 15 minutes are better than one thick coating. The optimum coating thickness is approx. 40 µm.
- During the application process the ambient temperature shall be at least 10°C. The temperature of the surface shall be at least 5°C.
- At the end of work, turn the can on its head and spray until only propellant comes out.

5. TYPICAL PRODUCT DATA

Aerosol

Appearance	:	smooth, dull grey finish
Specific gravity (@ 20°C):	:	1.45
Flash point (closed cup)	:	< 0°C
Coverage (40 µm dry film)	:	0.2 to 0,4 m ² /200 ml
Drying time (dry-to-touch)	:	40 minutes
Curing time	:	90% cured after 7 days @ 23°C
Purity of Zinc pigment	:	> 98.5%

Application conditions

minimum ambient temperature	:	10°C
minimum surface temperature	:	5°C; 3°C over dew point
maximum humidity	:	85% RH

Dry film properties (40–60 µm)

Adhesion on steel (ASTM D 3359)	:	Gt= 0/1
Heat resistance (4 h.)	:	200°C
Salt spray (*) (ASTM B 117)	:	350 h. (40 µm film thickness)
Hardness PERSOZ (after 24 h.)	:	106 s
Hardness PERSOZ (after 1 week)	:	142 s
Flexibility (6 mm mandrel, visual)	:	pass

6. PACKAGING

Aerosol : 200 ml

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend that our products be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied.

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