

# ZINC PASTE

## 70-40

Metaflux®

## Technical Data

### DESCRIPTION:

Long-term corrosion protection based on ZINC and epoxy according to DIN 50.976. Zinc coating for any metal surfaces. For protecting steel parts or repairing damaged galvanized parts. Complies with DIN 50.976 (1980). Zinc-colored dry film appearance.

### APPROBATIONS:

Certification CAN/CGSB-1.181  
 Ministère du transport: test; ASTM B117 conformity:  
 ASTM A123, ISO 1461, ASTM A780, CAN/CSA-G164  
 Standard international: ISO 3549  
 Military force United Kingdom and NATO  
 NSN (Nato stock number) 7520-99-212-4616

### Coating thickness (Recommandation)

Material Thickness	Zinc Thickness	Coating thickness to apply
1 mm.	50 µm	75 to 100 µm
1 to 3 mm.	55 µm	80 to 110 µm
3 to 6 mm.	70 µm	105 to 140 µm
6 mm.	85 µm	130 to 170 µm

### USE DIRECTIVES:

Eliminate all oil, rust and dirt from surfaces with Metaflux 70-15. Stir well before use. Do not apply onto damp surfaces. Apply with brush or airless spraying (in general no dilution required; use white spirit only for dilution). We do not recommend an application at lower temperatures. The drying time at minus temperatures will be much longer.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Wash hands/nails/face thoroughly after handling. Wear gloves/protective clothing/eye protection/face protection. Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials. Keep containers closed when not in use. Empty containers are always dangerous.

### BENEFITS

- DULL FINISH: cold galvanizing
- Color: dull gray
- Dry film zinc content: 96 % (+/- 1%)
- Zinc purity: 98.5 – 99%
- Temp. resistance: up to +800°C [+1 472°F]
- No cracks in protection film cohesion
- No capillary cracks
- Complies with DIN 50.976
- Resistant to salt, salt water, acid rain, and heat
- Corrosion-proof zinc coating
- Thick-layer application system for large surfaces
- Dries rapidly through exposure to O2
- No capillary cracks
- No zinc sedimentation in the tin
- Ready-to-use at all times

Content	Type	Art-No	Dry film zinc content	Zinc purity	Temperature Resistance	(100µm)cover	Dry touch & complete	
400ml.	Aerosol	70-45	93% (+/- 1%)	98.5 - 99%	+120°C	8 m <sup>2</sup> (86 ft <sup>2</sup> )	8-11 min / 24 hre	12
1kg.	Pot	70-4001	96% (+/- 1%)	98.5 - 99%	+800°C	2.5 m <sup>2</sup> (27 ft <sup>2</sup> )	10 min / 24 hre	25
1 kg.	Pot/brush	70-4002	96% (+/- 1%)	98.5 - 99%	+800°C	2.5 m <sup>2</sup> (27 ft <sup>2</sup> )	10 min / 24 hre	25
10 kg.	Pot	70-4010	96% (+/- 1%)	98.5 - 99%	+800°C	25 m <sup>2</sup> (269 ft <sup>2</sup> )	10 min / 24 hre	1
1 l.	thinner	70-6301	N.A.	N.A.	N.A.	N.A.	N.A.	12



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