

# ZINC SPRAY 70-45 / 400ML.



**Metaflux®**  
Fiche technique

## Description:

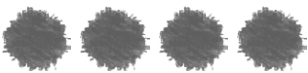
Zinc rich coating affording long-term cathodic corrosion protection to ferrous base metals; colour: «grey»

## Properties:

- Highest quality long-term zinc coating for civil and military installations in all extreme climate and weather environments
- Used by U.K. military and NATO (NATO Stock No. 7520-99-212-4616)
- No cracks in protection film cohesion, No capillary cracks
- Licensed for use in potable water areas/installations
- Complies with DIN 50.976 norm for touch upon galvanized surfaces
- Resistant to salt, salt water, acid rain, and heat
- 400 ml [13.52 fl.oz.] may coat up to 8 m<sup>2</sup> [86 ft<sup>2</sup>.] according to layer thickness at 20 µm.
- DULL FINISH: cold galvanizing
- Dry film zinc content: 93 % (+/- 1%)
- Zinc purity: 98.5 – 99%
- Temp. resistance: up to +120°C [+248°F]
- Meets ASTM A-780

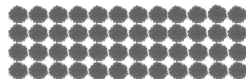
### USUAL PRODUCTS ON SALE:

8 micron zinc particles = more filler between the particles. Zinc content in the dry film and indefinable zinc purity.



### METAFLUX ZINC PRODUCTS:

Zinc particles 2 microns = smaller filler between the particles. Zinc content in dry film 93% and zinc purity 99%.



Color sample

## Use directives:

Eliminate all oil, rust and dirt from surfaces with Metaflux 70-15. Due to its high metal content it is important to shake the can well before and also during application. The metal surface's temperature should not be higher than + 40 °C (higher temperatures could affect filming). **Single coating:** approx. 30 µm/lit is possible to achieve a thicker coating by spraying up to 8 times cross-wise (70-45 behaves thixotropic) - scaling becomes possible though. Dust dry within approx. 5 to 7 minutes at room temperature dry to handle within approx. 8 to 11 minutes at room temperature. Drying time depends on various factors such as film thickness, ambient temperature and temperature of substrate, humidity, etc. Acceptable for spot welding.

| Surface temperature | Dry to touch  | Dry at 100% | Delay before painting over |         |          |
|---------------------|---------------|-------------|----------------------------|---------|----------|
|                     |               |             | Minimum                    | Maximum | Normal   |
| 5°C (40°F)          | 3-4 hours     | 10-12 hours | 16 hours                   | 2 month | 24 hours |
| 23°C (73°F)         | 15-20 minutes | 4-6 hours   | 4 hours                    | 2 month | 24 hours |
| 35°C (95°F)         | 10-15 minutes | 3-4 hours   | 3 hours                    | 2 month | 24 hours |

## Recommandations:

1. Dry film: The zinc content in the dry film of each layer is 92 %.
2. We recommend the application of 70-45 Zinc spray at a temperature of + 5 °C up to + 40 °C: Storage: If 70-45 is in a frosty environment (: up to - 70 °C for appr. 3 weeks) for a longer time it does not have any effect on the quality. The tin can be warmed up onto 20 °C room temperature.
3. Because zinc spray dries oxidatively the temperature of the sprayed pieces should be minimum 5 °C.

## Format:

| Content | Art.-No      | Dry sheet content | Zinc purity | Temperature Resistance | Cover up to (100µm)                    |    |
|---------|--------------|-------------------|-------------|------------------------|----------------------------------------|----|
| 400ml.  | <b>70-45</b> | 93% (+/- 1%)      | 98.5 - 99%  | +120°C                 | 8 m <sup>2</sup> (86 ft <sup>2</sup> ) | 12 |

**This product is also available in paste (bulk):: 70-40 zinc paste**

