

High-temperature resistance corrosion protection for light metals

Product Description

The coating material produces a mechanically resistant coating with a high asset liability on light metals. The surface system generates matte coating with good abrasion resistance, and good resistance to high temperatures (up to 450C) and corrosive media, such as acidic and alkaline condensates.

Drying process and hardening: Processing with at least + 5°C

Application: Spray, paint, dip

Gross density: at the moment not available

Main areas of application

Material Basis:

- Inorganic-Organic 2-K Hybrid System, Solvent-Based

Color:

- Hardened beige-matt

PH-Values:

- < 7, light acid

Package Sizes:

- 5-L-PE Canister 5 kg.
- Further package/container sizes available upon request

Storage

Minimum of 6 months at a temperature from 5 degrees Celsius to 20 degrees Celsius when stored in tightly sealed original container. Protect against frost and higher temperatures. In the event of storage beyond expiration date, test the material prior to use. Tightly air seal opened containers to preserve product life. Ensure sufficient ventilation in product storage areas.

Preparation

Add the individual components after stirring or mixing in a mixing ratio of A : B = 30 : 1. For further details, see separate instructions for use.

Application: As a general rule, spray on or dip coat. For further details see separate instructions for use.

Application Temperatures:

Air and object surface temperature from 5 degrees Celsius to 35 degrees Celsius. Variations from these external conditions could influence the hardening time. Dry within a maximum of 24 hours. Coated surface is chemically resistant after approximately 1 week.

Use and Application:

- The use and application is dependent upon harshness of surface and application procedures.

Protective Measures

During application and use, carefully follow the instructions, safety advice and the pertinent safety and accident instructions of appropriate occupational and trade associations. For further detailed instructions, see safety data sheets.

Cleaning of Tools:

- Clean tools thoroughly with thinner and towel.

Improvement and Second Coatings:

- Mechanically through abrasive finishing (ie., sandpaper) or through emplacement in a bath of lime potash and 2-Propanol.

Disposal:

- Dispose of material residues according to local and/or state regulation for paints and lacquers.

Technical Data

Salt Spray (DINN EN ISO 9227 NSS): 1000h

CASS (DIN EN ISO CASS): 240h

Filoform Corrosion (DIN EN 3665): o.k. no infiltration

Weathering (DIN EN 4892-3: 500h)

4h UV-B 60 Degrees: 4h

Water condensation 50 Degrees C.

Climate Change DBL 7906: 15 min 5 Cycles

23 Degrees C, 4h 80 Degrees C;

30 min 40 Degrees C 98% humidity.

Acid/Base Resistance: pH 1 to pH 11

Pencil Hardness: HB

Tabertest (CS10 F Roll; 8 mg)

1000 rotations per minute

Temperature Resistance: Continuous up to 450 degrees C.

