

Technical Data Sheet



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SprayMax®
1K UNI ZINC 500 ml
413 g NET WT. 14.6 oz
Art. Nr. 3680601



Product

Description / Purpose

SprayMax® 1K UNI ZINC is particularly suitable as a corrosion protection for water and weather-resistant vulnerable constructions, for repairing damaged zinc surfaces and for coating inner panel edges during spot welding. The product can be used on heating systems, pipelines, steel structures, radiators, railings, crash barriers, etc.

Properties

- Corrosion protection for water and weather-prone structures
- For repairing damaged zinc surfaces
- For coating inner sheet metal edges spot welding
- Applicable for heating systems, pipelines, Steel superstructures, radiators, railings, crash barriers etc.
- Provides superior corrosion protection between welded substrates while minimizing heat affected zones and welding spatter.
- Compatible with MIG/TIG Welding
- Fast drying, very productive
- Good chemical resistance

Material base Special acrylate resins
Colour silver grey
Solid content appr. 22.3 % by weight relating to active ingredient

EPA Coating Category WTP Weld-Through Primers

PWR Limit 1.00

CARB Aerosol Rule Coating Category WTP Weld-Through Primers

(01/2017) PWR Limit 1.00

Substrate

Iron, steel, metals (cleaned and sanded)

The damaged area must be dry and free of grease and dust and all rust needs to be removed.

Processing

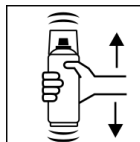
Protection measures



Wear personal protection equipment.
(respiratory mask / gloves / goggles)

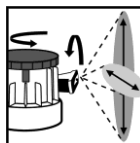
For more information, see safety data sheet.

Shake



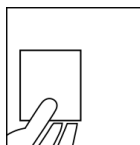
Rinse the can thoroughly for 2 minutes before
Triggering shake - from the audible impact of the
mixing balls credited.

Adjustable Nozzle



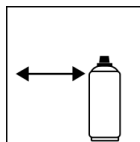
Set the variable spray nozzle to the size and
pattern of the damage.

Spray to test



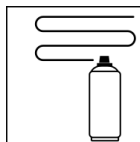
After shaking the can, test spray and check
compatibility with the surface and the colour.

Spraying distance



6 - 8 inches / 15 - 20 cm

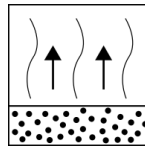
Spray passes



2 spray coats

approx. 1.2 mil (30 µm) dry film thickness per coat

Flash-off time



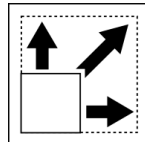
Flash time: approx. 3 - 5 min
 Recoatable: after approx. 45 minutes at room Temperature

Processing conditions



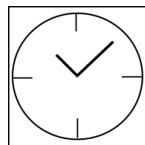
Optimum application at 64° F - 77° F (18° C - 25° C) and a relative humidity from 40 - 60 %.

Coverage



approx. 1 m² at 2.2 mil (60 µm) dry film thickness

Drying



TG1 dust dry: 10 min
 TG3 dry to touch: 15 min
 TG5 fully cured: 30 min.

The specified values refer to the above Processing conditions and a dry film thickness of 45 µm. The level of dryness is determined pursuant to DIN 53150.

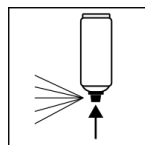


IR: 15 min.
 Layer thickness with IR drying 1.8 mil (45 µm)
 Observe equipment description

Continue

SprayMax® 1K UNI ZINC is always with itself paintable. When overcoating with other paints, check compatibility beforehand.

Finish



After painting, turn the can upside down and spray the valve until empty.

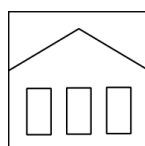
Additional Information

Important Information



Do not subject the can to mechanical stress.

Shelf Life



36 months (not activated)
 The usage period refers to an unused can that is stored correctly at a temperature of 68° F / 20° C and

a relative humidity below 60%. The can must be stored and transported in an upright position in a dry place where it is protected against chemical and mechanical influences. The safety information on the can and all statutory provisions applicable for the storage site must be observed.

Disposal



The completely emptied spray cans must be disposed of in the recycling system. Cans with hardened material must be disposed of as special waste.

Note

For professional use only.
Identification, see safety data sheet.

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