

# 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 (01/2017)** WTP Weld-Through Primers  
 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.

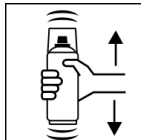
**Processing**

**Protection measures**



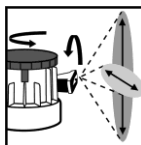
Wear personal protection equipment.  
 (respiratory mask / gloves / goggles)  
 For more information, see safety data sheet.

**Shake**



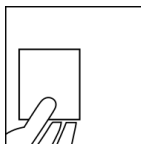
Rinse the can thoroughly for 2 minutes before  
 Triggering shake - from the audible impact of the  
 mixing balls credited.

**Adjustable Nozzle**



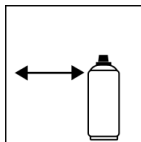
Set the variable spray nozzle to the size and  
 pattern of the damage.

**Spray to test**



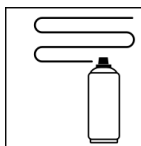
After shaking the can, test spray and check  
 compatibility with the surface and the colour.

**Spraying distance**



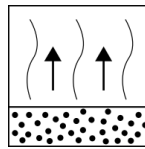
6 - 8 inches / 15 - 20 cm

**Spray passes**



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

**Flash-off time**



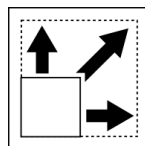
Flash time: approx. 3 - 5 min  
 Recoatable: after approx. 45 minutes at room Temperature

**Processing conditions**



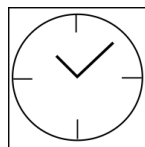
Optimum application at 64° F - 77° F (18° C - 25° C) and a relative humidity from 40 - 60 %.

**Coverage**



approx. 1 m<sup>2</sup> at 2.2 mil (60 µm) dry film thickness

**Drying**



TG1 dust dry: 5 - 10 min  
 TG3 dry to touch: 30 - 40 min  
 TG5 fully cured: 24 Std.  
Recoatable: 45 min.  
 with 1K 3in1 Primer shade, Art.Nr. 3680403, 404, 405

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.

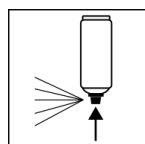


TG1: 10 min  
 TG3: 15 min  
 TG5: 30 min  
 Layer thickness with IR drying 1.8 mil (45 µm)  
 Observe equipment description

**Continue**

SprayMax® 1K UNI ZINC can be recoated with itself at anytime. Before overcoating with any topcoat apply SprayMax 1K 3in1 Primer first.

**Finish**



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

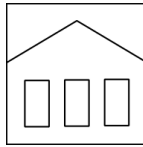
**Additional Information**

**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.

The contents in this technical data sheet were created with great care and reflect our current state of knowledge. They provide the user with application-specific information and do not promise certain properties. The information is non-binding and we accept no liability for its integrity, accuracy and completeness. They do not relieve the user of their duty to check the suitability of our product for the intended purpose. The warnings printed on our labels must be respected. Our brands and patents are protected by copyright. All rights reserved. We reserve the right to update, amend or supplement the content of the information without prior notice.