

# Technical Data Sheet



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## **SprayMax®** **1K Universal primer 400 ml** **Art. Nr. 690102**



### **Product**

#### **Description / Purpose**

Universal adhesive primer for indoors and outdoors.  
As an adhesive primer on all surfaces, with active anti-corrosion effect on iron and steel.  
Also for zinc, galvanised steel, non-ferrous metals, alloys, hard PVCs, thermosetting plastics.

#### **Properties**

- Adhesion to all surfaces
- Durable corrosion protection
- Active rust protection pigments
- Very good filling properties and edge protection
- Very fast drying
- Temperature resistant up to 180°C

#### **Material base**

Physically drying special resins

#### **Colour**

White

#### **Gloss level**

matt

#### **VOC Value (EU)**

708 g/l

### **Substrate**

Remove rust before coating with 1K Universal Primer on iron steel and iron properly, so that the surface to be treated is free from mill scale and scale. Damaged area must be clean, dry and free of grease. Immediately after rust removal apply the first rust-protective layer for maximum adhesion and antirust effect.

Paint structure:

1. Corrosion-protecting primer with Universal Primer (outside 2 x apply)
2. Intermediate and final coating with synthetic resin and PU paints.

Clean and degrease zinc and galvanized substrates in accordance with the of the BFS leaflet no. 5 with ammonia with addition of wetting agent (Pril or similar) or with pre-assembled cleaning agents, then sand with nylon fleece (Scotch Britt or similar) clear with plenty of water.

Clean and degrease light and non-ferrous metals such as copper thoroughly with a neutral cleaner. Sand carefully and rinse with clean water.

Paint structure:

1. Adhesive layer with universal primer.
2. Intermediate and final coating with synthetic resin and PU paints.

Clean and degrease thermoset plastics and rigid PVC with active cleaner. Sand with nylon fleece (Scotch Britt or similar) and rinse well with plenty of clear water.

Paint structure:

1. Adhesive layer with universal primer
2. Intermediate and final coating with synthetic resin and PU paints.

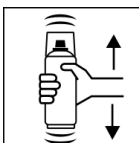
## **Processing**

### **Protection measures**



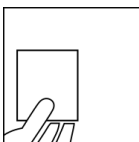
Wear personal protection equipment.  
(respiratory mask/gloves/goggles)  
For more information, see safety data sheet.

### **Shake**



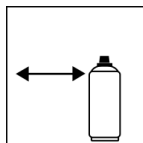
Shake can thoroughly for at least 2 minutes from when the mixing balls are heard.

### **Spray to test**



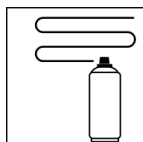
After shaking the can, test spray and check compatibility with the surface and the colour.

## Spraying distance



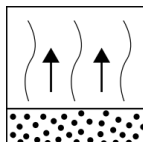
15 cm - 20 cm

## Spray passes



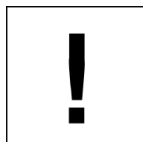
Dry film thickness 30 µm  
(approx. 2 spray coats)

## Flash-off time



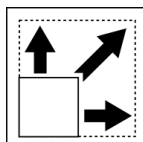
Flash time: approx. 5 - 10 min between each spray coat

## Processing conditions



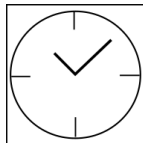
Optimum application at 18° C - 25° C and a relative humidity from 40 - 60 %.

## Coverage



approx. 1 - 2 m² at 30 µm dry film thickness

## Drying



TG1 dust dry: 30 min

TG3 dry to touch: 1 h

TG5 ready for assembling: 2 h

Ready for sanding: 8 h

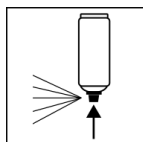
The stated values refer to the above-mentioned processing conditions. The level of dryness is determined pursuant to DIN 53150.

## Continue

Can be coated with itself at any time, with synthetic resin paints and 2K PU paints after 2 hours.

After 48 h, before the topcoating a intermediate sanding.

## Finish



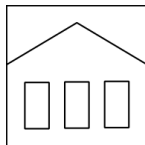
After painting, turn the can upside down and spray the valve until empty.

## Additional Information

### Important Information

Sand after 48 h before topcoating.

## Shelf Life



60 months

The usage period refers to an unused can that is stored correctly at a temperature of 15 - 25 °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.