

Technical Data Sheet



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SprayMax® **2K Epoxy Primer 400 ml** **Art. Nr. 690151**



Product

Description / Purpose

High-quality, adhesive 2-component epoxy resin-based primer. For corrosion protection of iron, steel, zinc, copper, galvanised surfaces, aluminium and other non-ferrous metals, e.g. on tiles and fibre-reinforced plastics (polyester) and hard PVC.

Properties

- Excellent adhesion to difficult surfaces such as V2A or V4A steel
- Excellent anti-corrosion properties
- High chemical resistance
- Good adhesion to glazed or ceramic tiles

Material base

Two-component epoxy resins

Activator: amines

Colour

White

Gloss level

matt

VOC Value (EU)

630 g/l

Substrate

Iron and Steel

Professionally de-rusted and cleaned. The surface to be treated must be clean, dry, free of grease and free from millet and tinder. Coat with 2 - 3 spray coats.

The coating must be immediately after the Cleaning or rays are applied.

Zinc / galvanized steel

Clean and degrease with dilute ammonia solution with the addition of phosphoric acid cleaning agents. Remove white scale of corrosion products with nylon or nylon tiles (e.g., Scotch Britt). Clean well with plenty of fresh water. Apply 2K Epoxy on the clean, dry surface in the interior once, outside twice.

Non-ferrous metals

Cleaning and degreasing with a neutral detergent or with phosphoric acid cleaning agents. Sand with nylon or nylon fleece and rinse thoroughly with clean water. On the clean, dry surface in the interior once, outside twice apply 2K Epoxy Primer.

All conventional plastics separating agent-free, fibre-reinforced plastics (cleaned and sanded)
Clean and degrease with 1K Degreaser and Perlon or Nylon Fleece. On the clean, dry surface apply 2K epoxy primer twice.

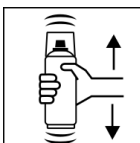
Processing

Protection measures



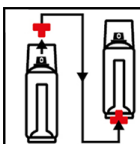
Wear personal protection equipment.
(respiratory mask/gloves/goggles)
For more information, see safety data sheet.

Shake



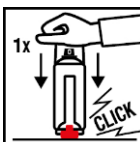
Before activating, shake can thoroughly for 2 minutes from when the mixing balls are heard.

Place red button



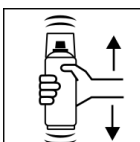
Remove the red button from the cap. Turn the can by 180° and fit the button onto the pin.

Press red button



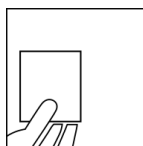
Turn the can upside down and place on a firm surface. Press the red button with the palm of your hand until it clicks into place.

Shake



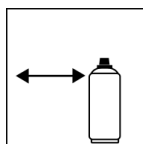
After activating, shake can again thoroughly for 2 minutes, again from when the mixing balls are heard.

Spray to test



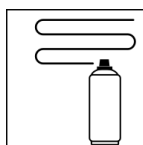
After shaking the can, test spray and check compatibility with the surface and the colour.

Spraying distance



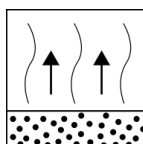
15 cm - 20 cm

Spray passes



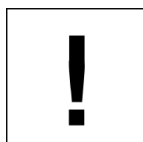
Dry film thickness 80 µm
(approx. 2 spray coats)

Flash-off time



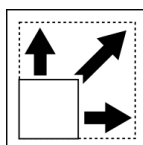
Flash time: approx. 5 min between each spray coat

Processing conditions



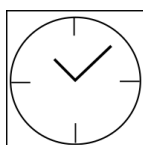
Optimum application at 18° C - 25° C and a relative humidity from 40 - 60 %.

Coverage



approx. 7 m² at 20 µm, approx. 1 m² at 100 µm dry film thickness

Drying



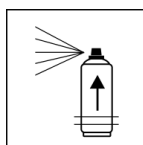
TG1 dust dry: 12 min

TG3 dry to touch: 1 h 35 min

Ready for sanding: 12 h

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

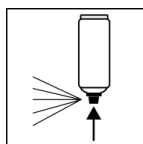
Pot life



Approx. 16 h at 20 °C room temperature and a relative humidity of approx. 40 - 50 %.

The processing time depends on the ambient temperature. Higher temperatures reduce the pot life, lower temperatures will prolong it.

Finish



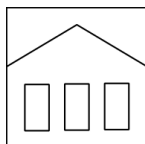
After painting, turn the can upside down and spray the valve until empty.

Additional Information

Important Information

Do not apply at temperature under + 5° C.

Shelf Life



36 months (not activated)

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.