Technical Data Sheet

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SprayMax®
2K E-Coat Primer 400 ml
Part no. 680028

Product

Description / Purpose

For the isolation of sand-through areas or other bad spots in a cathodic electrophoretic coating. Matches the colour shade and gloss of a convenient black cataphoretic coating, e.g.
BASF Cathoguard CG 570/80.
Salt spray test 200 h:
Layer thickness approx. 30 µm – infiltration 3 mm
Adhesion:
to Catho Guard 570: Gt 0 - 1
to CG 570 after coating with powder
(25 min. 200° C): Gt 0 - 1
to CG 570 after coating with 2K-PUR paint: Gt 0 - 1

Properties

- Very good adhesion to black cataphoretic coatings
- Very fine atomization and minimum overspray
- Heat-resistant up to 200° C (25 minutes)
- Can be topcoated with powder paints

Material base	Two-component acrylic resins Activator: aliphatic isocyanates
Colour	Black
Gloss level	semi gloss
VOC Value (EU)	653 g/l

Substrate

E-coat (cleaned and sanded)
E-coats that are older than 3 days should be sanded first before applying the SprayMax® 2K KTL Repair Paint.

Processing

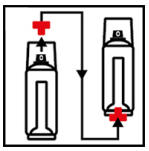
Protection measures

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

Shake

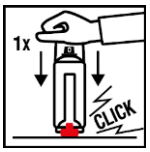
Before activating, shake can thoroughly for 2 minutes from when the mixing balls are heard.

Place red button



Remove the button from the cap and place it on the pin in the base of the can. Place the can with the button facing down, vertically on a firm, horizontal surface.

Press red button

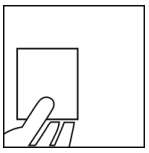


Press the can down with the heel of your hand, applying even pressure. Listen for cracking sound. Only press once.

Shake

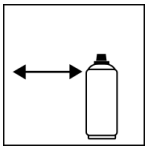
After activating the hardener, shake the spray can again for 2 minutes, again from when the mixing balls are heard.

Spray to test



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

Spraying distance

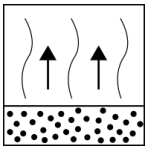


15 cm - 20 cm

Spray passes

Dry film thickness 20 µm
(approx. 2 spray coats)

Flash-off time

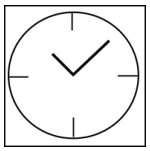


Flash time: approx. 5 min between each spray coat

Processing conditions

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

Drying



TG1 dust dry: 4 min

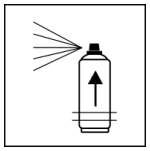
TG3 dry to touch: approx. 17 min

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

Continue

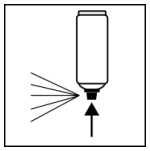
Coat with the specified paint layers.

Pot life



Approx. 12 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



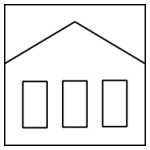
After painting, turn the can upside down and spray for 3 - 5 seconds to clean the valve.

Additional Information

Important Information

Avoid bumps, friction and impact.

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.

For labelling 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.