Technical Data Sheet

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SprayMax®
1K UNIFILL - NEW S2 500 ml
Part no. 680421

Product

Description / Purpose	High build Primer Filler that is suitable for sanded-through areas with high layer thickness. Suitable for steel, galvanised steel, aluminium, various plastics.
Properties	• High layer thicknesses • Fast drying • Fast layer thickness build-up • Corrosion protection
Material base	Acrylic resins
Colour	Light grey
Gloss level	matt
VOC Value (EU)	710 g/l

Substrate

Steel (cleaned and sanded)

Galvanised steel (hot-galvanised, strip galvanised and electro-galvanised cleaned and sanded)

Aluminium, soft aluminium (cleaned and sanded)

Various Plastics
Due to the large number of plastic types, compatibility with the substrate has to be tested before in each individual case.

Polyester surfaces (cleaned and sanded)

Old paint and factory paint (cleaned and sanded)

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

Processing

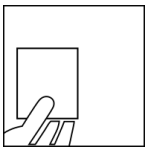
Protection measures

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

Shake

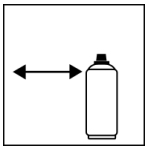
Shake can thoroughly for at least 2 minutes from when the mixing balls are heard.

Spray to test



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

Spraying distance

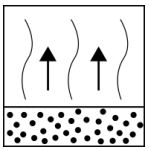


10 cm - 15 cm

Spray passes

Dry film thickness up to 150 µm
(approx. 2 - 3 spray coats) 35 µm per layer

Flash-off time

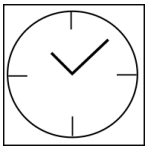


Flash time: between 2 spray coats (until matt) / 5 min.

Processing conditions

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

Drying



TG1 dust dry: 2 - 5 min

TG3 dry to touch: 5 - 10 min

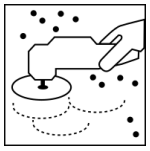
Ready for sanding: 45 min

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

IR: 5 - 8 min.
Observe equipment description

Continue

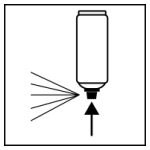
Can be topcoated with all conventional 1K or 2K top coats, and solvent and water-based paints. Check compatibility with the surface.



For dry sanding with a machine, the use of soft discs with foam backing P 360 - P 500 is recommended.

Wet sanding by hand with P 500 - P 800

Finish



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

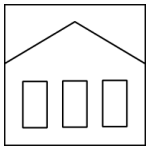
Additional Information

Important Information

Avoid bumps, friction and impact.

Not suitable for plastic parts made from PE, PP, PP blends like PP/EPDM and polystyrene.
Use SprayMax® 1K Plastic Adhesion Promoter 680009 first.
Do not use on thermoplastic paintwork.
Do not topcoat with 2K UP putties.

Shelf Life



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.