



03/2008

:: 2K Füller VOC 540

2K acrylic filler

CHARACTERISTICS

The new 2K filler VOC 540 has a good grip on your filling work. It has extremely good filling properties because of its high solid content and it therefore goes an extremely long way. Because of its good tight-packing quality, the 2K filler VOC 540 saves you a lot of time in sanding. So you need less sanding effort and a lower use of sanding materials, whether wet or dry.

The 2K filler VOC 540 gives you an optimum top coat result independent of the paint system. It is extremely safe to handle even with thicker layers and gives excellent corrosion protection and optimum adhesion.

APPLICATION

The 2K filler VOC 540 is a new, universally applicable filler; 2K-VOC filler can be worked easily on Steel, OEM-Coding, KTL-Primer, Polyesterputty and GRP. High handling safety in combination with its good nature make it a top-quality product. Its adaptability enables coverage of areas of thin, medium and thick layers when filling.

PRODUCT DATA

MATERIAL DATA:

Color: white, dark-grey, black

VOC < 540 g/l

Viscosity: 25-30 sec. 4 mm / DIN

Pot Life: 1-2 hours at 23 °C, do not use under + 15 °C

Drying thickness: 60-180 µm

Position Stability at 20°C and closed package: min. 1 Year

Density: approx. 1.6 g/cm³



03/2008

HANDLING

Mixture ratio:

- 4 : 1 by volume

Thinning:

- CARSYSTEM acrylic thinner 10 – 20%

Processing time:

- Ready-to-spray state approx. 60 min. at 20°C

Processing viscosity 25-30 sec./ 4mm DIN, DIN 53211:

- Mixing viscosity

Processing form - HVLP spray gun:

Nozzle size:

- 1.7 – 2.2 mm

Spray pressure:

- 2.0 – 3.0 bar line pressure, 0.7 bar atomiser pressure

Processing form – compressed air spray:

Nozzle size:

- 1.5 – 2.0 mm

Spray pressure:

- 3.0 – 5.0 bar line pressure

Spraying operations:

- 1 - 3 Spraying operations

Drying:

Drying at 21°C:

- non-adhesive after appr. 30 Min.
- sanding after approx. 3-5 hours (Excenter sanding P400) - it depends on the applied thickness

Accelerated drying:

- Ventilation time after each Spraying operation and before the drying:
5 - 10 Minutes

- Drying time at + 60°C object temperature
60 - 180 µm: 20 - 30 Minutes
180 - 300 µm: 35 - 40 Minutes

Infrared drying:

- Ventilation time:
5 - 15 Minutes

- Drying time: medium wave heater

60 - 180 µm: 15 minutes (40-60 cm objekt distance) 7 Min. half effort, 10 Min. full effort

180 - 200 µm: 20 minutes (40-60 cm objekt distance) 7 Min. half effort, 10 Min. full effort

- Drying time: short wave heater

60 - 180 µm: 10 minutes (50-70 cm objekt distance) 4 Min. half effort, 6 Min. full effort

180 - 200 µm: 15 minutes (50-70 cm objekt distance) 5 Min. half effort, 10 Min. full effort

Subsequent processing:

Dry sanding:

- With Excenter and vacuum cleaning P 360 - P 500

Wet sanding:

- with sandpaper grit P 600 - P 1200

Reworking:

Can be painted with:

All conventional base paints/varnishes, water-based paints, one-coat paints and clear varnishes available on the market.

The base should be dry, clean and grease-free and completely free of contamination. Pre-treated steel sheets, aluminium, galvanised car panels should also be cleaned, in aluminum and galvanized sheet, we recommend a washprimer injection.



03/2008

SAFETY ISSUES

The details above, in particular the suggestions for processing and using our products are based on our knowledge and experience in normal use. Because of the different materials, surfaces and varying working conditions a guarantee of a satisfactory result or liability under any legal provisions either from these instructions or verbal guidance cannot be established, unless and to the extent that we can be charged with intent and gross negligence. In this connection the user is obliged to prove that he has brought to our attention punctually and completely all knowledge necessary for the matter to be assessed appropriately and successfully. Trademark rights of third parties are to be observed. Otherwise our relevant sales and delivery conditions apply. In each case, the most recent technical data sheet applies and this should be requested from us.

Please read the instructions for the handling and disposal of the products in the recent safety data sheet and the corresponding information sheets of the Professional Association of the Chemical Industry.

2K varnishes react with moisture. Therefore all processing equipment, mixing vessels etc. must be completely free of water. Ready-to-use coating materials that contain isocyanates can have an irritant effect on the mucous membranes particularly on the respiratory organs and produce hypersensitivity reactions. When breathing in vapours or spray mist there is the danger of sensitisation. When handling coating materials containing isocyanates all measures for coating materials containing solvents are to be carefully observed. In particular spray mist and vapours must not be breathed in. People who are allergic, asthmatic or prone to diseases of the respiratory tract must not be required to carry out work with coating materials containing isocyanates.

We reserve the right to modify or supplement the content of the information at any time without previous notification and without the obligation to keep them up to date. These provisions continue to apply to changes and amendments without restrictions.

Copyright VOSSCHEMIE