

2K Filler Vario Plus

2K acrylic filler

V 01
06.02.2015

:: CHARACTERISTIC

The 2K Filler Vario Plus is a filler with a high solid content and thus has very good filling properties. A sanding filler of the latest technology, where special microspheres are used as filler.

A filler which is useful for all applicable filler works in the daily repair process. Due to its flexible properties this 2K filler Vario Plus can be used as a standard filler for different works with layer thickness of 60 to 80 µm or in the thick layer area with layer thickness of 85 to 255 µm.

The 2K filler Vario Plus can be adapted perfectly by its variable dilution addition between 5 and 30% of the respective work. He nevertheless has a high processing safety during application.

:: AREA OF APPLICATION






The 2K filler Vario Plus is an universally applicable 2K-VOC filler and can be applied easily on the following surface:

- steel
- OEM-primer
- KTL-Primer
- Polyester putty
- GFK

:: PRODUCT DETAILS

<u>Colouring:</u>	light grey
<u>VOC:</u>	< 540 g / l
<u>Solids content:</u>	71,5 %
<u>Storage stability:</u>	1 year in unopened packaging at 20°C
<u>Specific weight:</u>	1,45 – 1,47 g/cm ³

:: HANDLING

MIXING RATIO				
	2K Filler Vario Plus 2K Hardener Vario Acryl Thinner	by volume (standard)		by volume (high build)
			100 20 25-30	100 20 5-10
SPRAY VISCOSITY				
	DIN 4 mm at 20°C	20 - 35 seconds		35 – 40 seconds
APPLICATION				
	Spray gun gravity feed	Nozzle / pressure		Nozzle / pressure
			1,6 - 1,8 mm / 2,0 bar	2,2 – 2,5 mm / 2,5 bar
	Application process	coats number		coats number
			1 – 3 layers	1 – 3 layers
		Flash off between coats and before oven 8 min.	Flash off between coats and before oven 10 min.	
		dry film thickness		dry film thickness
		60 - 180 µm	85 - 255 µm	
Process conditions		temperature > 15°C, relative air humidity up to 75%		
Pot life at 20°C		45 min.		
DRYING TIMES				
	Dry to sanding	20°C	60°C	60°C
		8 - 10 h	30 - 35 min.	45 min.
IR drying		12 - 15 min.		15 - 20 min.
Sanding paper	Dry	P320 – P600		
	Wet	P800 - P1200		



Revision:

Overcoated with: All conventional base paints, water-based paints, lacquers and uni varnish based on the market.

The surface should be dry, clean, grease-free and completely free from impurities. Pretreated steel sheets, aluminum and galvanized metal sheets for cars should also be cleaned. For aluminum and galvanized sheets we recommend to spatterdash a wash primer.

It is highly recommended to work in the system. When using non-system dilution and hardener materials drying and adhesion problems can not be excluded.

⚠ SAFETY ISSUES

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgement in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry.

2K-varnish reacts with humidity. Therefore, all processing equipment, mixing vessels etc. must be free from water. Ready for processing paint materials containing isocyanate can exert a particularly irritating to the mucous membranes of the respiratory system and cause hypersensitivity reactions. By inhalation of vapor or spray mist there is the risk of sensitization. When dealing with products containing isocyanates all measures for solvent based coating materials must be strictly observed. Do not inhale sprayed mist and vapors. Allergic person, asthmatic and people who are prone to respiratory problems, must not be used for work with products containing isocyanates.

We reserve the right to update or complement the content of the information without prior notice and without obligation to actualisation at all times.

These provisions apply to the changes and additions continued unrestricted.

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