

EF.21 EP Filler

2K Hybrid filler

V01
11/2021

DESCRIPTION

- 2K Hybrid filler – acrylic / epoxy
- Universal filler
- Colour: yellowish (approx RAL 7032)
- Drying time: Standard: 30 min / 60 °C objecttemperature
Wet on Wet: 30 min / 20 °C objecttemperature
- VOC compliant

AREA OF APPLICATION

- For all common filler applications on small parts or complete cars
- Adhesion to steel, aluminium, KTL, old and new coatings on and under polyester puttys

BENEFITS

- Settable as wet on wet
- High corrosion resistance
- Excellent sandability
- Chromate free

PRODUCT DATA

MATERIAL DATA

V.O.C.: 2004/42/IIB (C) (540) < 540 g/l

Shelf life: 12 months in closed container at 20 °C

Density filler at 20 °C: 1,47 – 1,49 g/cm³

Density hardener at 20 °C: 0,90 – 0,92 g/cm³

HANDLING

The substrate must be sanded, dry and completely free of contamination. It is strongly recommended to work in the system.

When using non-system thinning and hardening materials, drying and adhesion problems cannot be ruled out. Can be painted over with 2K acrylic filler, 2K acrylic topcoats and polyester putty (the drying times must be strictly observed).

The EP filler cannot be applied to polyester spray filler or overworked with polyester spray filler.



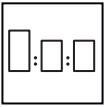




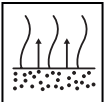


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STANDARD



WET ON WET

MIXING RATIO			
	EF.21 Epoxy-Filler EF.21 Hardener	by volume	
		2 1	
	EF.21 Epoxy-Filler EF.21 Hardener	by weight	
		100 g 30,8 g	
SPRAYING VISCOSITY			
	DIN cup 4 mm at 20 °C	18 – 21 seconds	
APPLICATION			
	Spray gun gravity feed	Nozzle size / pressure	
		1.4 mm – 1.6 mm	1.3 mm
		Air pressure: Please pay attention to operating pressure recommendations of the manufacturer.	
	Application	Spraying operations	
		1 - 2	1
	Pot life at 20 °C	40 min	
	Flash off	8 – 10 min	-
	Dry coat thickness	40 – 50 µm per coat	30 – 40 µm per coat
	Process conditions	Temperature 18 – 22 °C Relative air humidity 40 – 60%	

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PROCESSING			
	Objecttemperature 20 °C 60 °C	STANDARD	WET-ON-WET
			4 h 30 min
	Dry sanding	P 400 – P 500	-

STORAGE AND TRANSPORTATION CONDITIONS

Protect from freezing, heat, sunlight and moisture. Store tightly closed in a dry, cool place. Recommended storage and transportation temperature range is: +10 to +30 °C. Avoid extreme temperature fluctuation.

Note: The storage and transportation temperature must be not lower than +5 °C. Acclimatize the product to room temperature naturally.

2004/42/IB (c)(540) < 540: The EU limit value for this product (product category: IB.c) in ready to use form is max. 540 g/liter of VOC.

REMARKS

Allow the product to reach the recommended application temperature naturally (avoid rapid heating/cooling). It is not recommended to apply the product at a temperature below 18°C. Low application temperature changes the coating's properties and may impair the visual effect. Prior to application, the product temperature, spray booth temperature and object temperature should be adjusted to about 20°C.

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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.

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