

# EF.21 EP Filler

2K Hybrid filler

V02  
04/2024

## Description

- 2K Hybrid filler – acrylic / epoxy
- Universal filler
- Colour: grey (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/cm <sup>3</sup>
Density hardener at 20 °C:	0,90 – 0,92 g/cm <sup>3</sup>

## 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




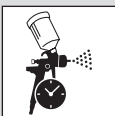
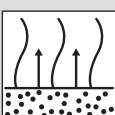
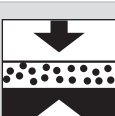
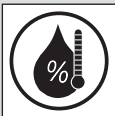
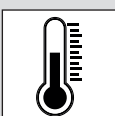

### MIXING RATIO

	Standard	Wet-on-wet
	EF.21 Epoxy Filler	2
	EF.21 Hardener	1
	EF.21 Epoxy Filler	100 g
	EF.21 Hardener	30,8 g

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SPRAYING VISCOSITY			
	<b>DIN cup 4 mm at 20 °C</b>	18 - 21 seconds	
APPLICATION			
	<b>Spray gun gravity feed</b>	Nozzle size / pressure	
		1.4 - 1.6	1.3
Spray gun inlet pressure: Please pay attention to operating pressure recommendations of the manufacturer.			
	<b>Application</b>	Spraying operations	
		1 - 2	1
	<b>Pot life at 20°C</b>	40 minutes	
	<b>Flash off</b>	8 - 10 minutes	-
	<b>Dry coat thickness</b>	40 - 50 µm per coat	30 - 40 µm per coat
	<b>Process conditions</b>	Temperature 18 - 22 °C Relative air humidity 40 - 60%	
	<b>Object temperature</b>	<b>Standard</b>	<b>Wet-on-wet</b>
	20 °C 60 °C	4 hours 30 minutes	30 minutes -
	<b>Dry sanding</b>	P400 - P500	-

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## 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/IIIB (c)(540) < 540: The EU limit value for this product (product category: IB.c) in ready



## 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.



## Safety issues

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.

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.

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