

# 2K Carbo Filler

*2K Polyurethane Filler*

V02  
10/2025

## Description

- 2K Polyurethane filler
- High transparent carbon filler
- Drying time: 60 min. / 60°C  
30 min. / 80°C
- VOC compliant

## Area of Application

- All common filler work on carbon parts

## Benefits

- High filling power
- Very good sandability
- Low marking of the matrix
- UV resistant

## Product Data

### Material data

V.O.C.:	2004/42/IIIB(c)(540) < 540 g/l
Shelf life:	6 month in closed original container at 20°C
Density clear coat at 20°C:	0,99 - 1,00 g/cm <sup>3</sup>
Density hardener at 20°C:	0,98 - 0,99 g/cm <sup>3</sup>
Efficiency:	8,5 - 10,5 m <sup>2</sup> /l

## Handling

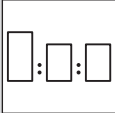
**Note:** The maximum total film thickness should not exceed 180 µm, corresponding to a maximum of three coats of approximately 60 µm each when using a 1.6 mm nozzle size. If the total film thickness exceeds 180 µm, the filler may take on a milky or cloudy appearance during application or drying. This optical effect is temporary and will disappear after complete drying and subsequent sanding.

**To ensure optimal coating results, it is strongly recommended to strictly follow the application instructions and specified film thickness guidelines.**

For application on pre-treated carbon substrates. It is strongly recommended to work within the specified system. When using non-system thinners or hardeners, drying and adhesion issues cannot be ruled out.

The substrate must be sanded, cleaned with silicone remover, and free from dust.

### MIXING RATIO

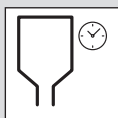
		by volume	by weight
	2K Carbo Filler 2K Härter Carbo Filler	100 70	100 g 69,5 g

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## SPRAYING VISCOSITY



DIN cup 4mm bei 20°C

24 - 28 seconds

## APPLICATION



Spray gun gravity feed

### Nozzle size / pressure

Nozzle size: 1.6

Air pressure: Please pay attention to operating pressure recommendations of the manufacturer.



Application

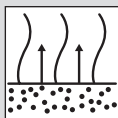
### Spraying operations

2 - 3 coats



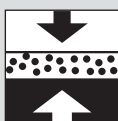
Pot life at 20°C

120 min



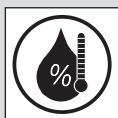
Flash off

10 - 15 minutes between coats  
15 minutes before baking



Dry coat thickness

50 - 60 µm / coat



Process conditions

Temperature 18 - 22°C  
Relative air humidity 40 - 60%



Object temperature

60 °C

80 °C

Drying time

60 min.

30 min.



Dry sanding

P320 - P600

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## Lager- und Liefer- bedingungen

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.



## Hinweis

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.



## Vorsichts- maßnahmen

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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