

:: Carbo Spray

transparent filler for carbon parts

CHARACTERISTICS

Carbo Spray is a transparent filler for carbon parts.

- easy sandable
- adhesion on carbon grounds (Polyester/Epoxy - carry out a test beforehand)
- adhesion on polyester filler
- adhesion on GRP parts
- for filling small or deeper imperfections
- very rapid hardening
- pinhole-free surface
- transparent
- UV-resistant - no yellowing

APPLICATION

For filling uneven surfaces (pinholes, sanding marks, concavities).

PRODUCT DATA

MATERIAL DATA

Viscosity at 20°C: liquid

VOC-content: 2004/42/II B (b) (250): <250 g/l

Colour: transparent

HANDLING

Surface:

The surface must be clean, dry and grease free to achieve an optimum adhesion.

Do not use Carbo Spray on the following surfaces: Wash Primer, Epoxy Primer, Epoxy Filler. This could cause a chemical reaction and the ground might become smooth again.

Tip: When using Epoxy- use a water-based Epoxy. It is absolute necessary to carry out a test beforehand.

To isolate the surface you may apply one thin layer clear coat.

Mixing instructions:

Add 2 - 2,5 % by weight MEKP hardener.

The components should be mixed thoroughly, otherwise there may be a higher sensitivity to moisture.

Thinner:

The viscosity of Carbo Spray is already set to spray viscosity, but should a lower viscosity is desired, up to max. 2,5% Carbo-Spray thinner may be added.

Application:

Gravity spray gun, jet size 2,5 mm diameter, working pressure 2 - 3 bar.

Cleaning:

The spray gun should be cleaned with thinner directly after use, i.e. within the potlife.

Pot life:

At +18°C - 20°C room temperature, 20 minutes

Hardening time:

Object temperature: 20°C 60 - 120 minutes

Object temperature: 40°C 60 minutes

Object temperature: 60°C 30 minutes

Object temperature: 80°C 15 minutes

Before exposure to the heat allow an evaporation time of 15 minutes in any case!



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Sanding:

After the specified drying time.

Pre-sanding: dry - with P 240 - P 360

Re-sanding: dry - with P 400 - P 600

Due to its high sensitivity to water, Carbon Spray must be dry sanded. In case of wet sanding the water must be allowed to evaporate completely.

Reworking:

You can use the following CS products after filling with Carbo Spray:

2K Epoxy High Speed Primer, 2K Filler VOC 540, 2K Carbo Clear, Vario Füller, Wet on Wet Filler, 1 K Filler

Storage:

Approx. 6 month at +18°C in closed original container.

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.