

:: Spray Plus

polyester spray putty

CHARACTERISTICS

SPRAY PLUS is a very easy sanding two component spray filler with excellent adhesion to metal, polyester filler and GRP parts. Only for use on steel surfaces, not for use on zinc and aluminium surfaces. All surfaces should be sanded before application. The filler has a balanced thixotrophy and excellent flow and filling properties enabling it to be applied over large areas filling both small and deeper imperfections (pinholes and sanding marks) easily. Spray plus has an extremely high filling capability and hardens rapidly due to its high solids content. After application the surface has a smooth structure developed for use over large areas. The filler hardens to a pinhole free, dense and tack free surface which makes it easy to sand (minimum paper clogging).

Do not use this product over a thermoplastic, acrylic system or paint primed surfaces.

APPLICATION

This filler is primarily intended for use as a surfacing filler for application over general purpose fillers because of its ultra fine formulation. Due to its high build properties pinholes and sanding marks can be filled as well as uneven areas.

PRODUCT DATA

MATERIAL DATA

Polyester Spray Filler

- Colour: light grey
- Specific weight: 1.73 g/ccm
- Storage approx at 18-20°C in closed can and bottles: 6 month

Liquid Hardener

- Colour: clear
- Specific weight: 1.0 g/ccm
- Storage approx at 18-20°C in closed can and bottles: 6-7 month

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

HANDLING

Preparation:

The surface must be clean, dry and grease free. Maximum adhesion is achieved on well sanded bare metal surfaces.

CS Spray and CS Spray Plus should not be applied to following surfaces: Wash Primer, Epoxy Primer, Epoxy Filler. This could cause a chemical reaction and the surface might become smooth again.

Tip: When using epoxy - use a water based epoxy.

It is absolutely necessary to carry out a test beforehand.

Mixing instructions:

Stir thoroughly before use. 100 % by weight of the filler is thoroughly mixed with max. 3.5 % by weight of the hardener. The components should be mixed thoroughly otherwise there may be a higher sensitivity to moisture.

Cleaning:

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

Working time:

At an ambient temperature of 18-20°C the working time is between 20 and 30 minutes.

Hardening time:

Before sanding the product should be allowed to harden for 3-5 hours at an ambient



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temperature of approx. 20°C. Heat will shorten the hardening time whereas cold will lengthen it, i.e. the hardening time can be accelerated at higher temperatures approximately as follows:

Room and object temperature: 20 °C, 2 - 3 Hours
 Room and object temperature: 40 °C, 60 minutes
 Room and object temperature: 60 °C, 30 minutes
 Room and object temperature: 80 °C, 15 minutes

A flash-off time of approx. 15 minutes must be observed before heating.

Sanding:

Due to its high sensitivity to water, polyester spray filler must be dry sanded.

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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