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Spray

polyester spray putty

CHARACTERISTICS

SPRAY is a very easy sanding two component spray filler with excellent adhesion to metal, polyester filler and GRP parts. 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 has an extremely high filling capability and hardens rapidly due to its high solids content. After application the surface has a light textured structure developed for better visual sanding control. 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.

Not for use on zinc and aluminium 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 Filler
Packaging: 1,45 kg can

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Colour: grey
Specific weight: 1.7 g/cm^3
Storage approx.: 6 months
at 18 - 20°C in closed cans

Liquid Hardener
Packaging: 50 g bottle
Colour: clear
Specific weight: 1,0 g/cm^3
Storage approx.: 6-7 months
at 18 - 20°C in closed bottles

HANDLING

Preparation:
The surface must be clean, dry and grease free. Maximum adhesion is achieved to 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.

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Thinner:
The filler has a spray viscosity. Should a lower viscosity be required for the final coat, so as to provide a very smooth surface which reduces the sanding time, up to 2,5 % by weight CS Spray thinner can be added.

Application:
Gravity spray gun, jet size 2.5 mm diameter, working pressure 2 – 2.5 bar.

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 20-30 minutes.

Hardening time:
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.

Special instructions:
To prevent the formation of blisters, particularly under humid conditions, all surfaces must be given an isolating coat of min. 35 my of acrylic primer (two component), an epoxy based filler or equivalent (not allowed to be sanded) before the top coat is applied.

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STORAGE:

approx. 12 months at 18 - 20° C in closed original container. **Restricted shelf lives apply to pack sizes of 3 kg or more.**

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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