

Technical data sheet

FERPOX - 1K Epoxy Spray

Available containers, order number and PU

FERPOX 400 ml spray

Art. No.: 24830VPE 12

Larger containers for industrial use are available on request.

Description and properties

FERPOX is an extremely resistant 1-component epoxy primer for heavily stressed metals, machines and body parts. It is easy to apply, quick-drying, temperature-resistant, paint-compatible and highly abrasion-resistant.

Application and instructions for use

Applications can be made in the field of mechanical and plant engineering as well as in the field of vehicle bodies. The areas to be treated must be free of corrosion and old coatings must be hardened and sanded. Remove any remaining mill scale. When using on aluminium, pre-treat with a wash primer up to max. 10 µ. Allow to harden before recoating and observe additional instructions. For 2-component paints, do not exceed a maximum layer thickness of 150 µ. Avoid high air humidity and low/high temperatures, as otherwise

extended drying/hardening time is to be expected. FERPOX should only be used between min. 15°C and max. 30°C. It is important to ensure that the temperature of the metal does not exceed or fall below this temperature.

When using nitrocellulose lacquers as a topcoat, usually in spray cans, the FERPOX layer must be fully cured.

Excessive film thicknesses also lead to greatly prolonged drying. This is particularly important if the product is to be painted over, as otherwise bubbles may form in the subsequent coat.

The drying time can be reduced by using additional oxygen (e.g. fan) and thin layers.



Advantages

- Can be applied without tools
- No long drying and waiting times
- Temperature resistant from -40 - +250 °C
- Can be easily painted over with many paints
- High mechanical load capacity

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Application tools Applicable

without tools Technical data

If possible, do not use the product at temperatures below 10 °C, otherwise the drying time will be extended. All surfaces must be free from contamination and corrosion. Remove any existing corrosion using FERTAN rust converter or FeDOX. Old layers must be hardened and sanded. Remove any mill scale before application.

Base	Epoxy ester		
Surface	Silk lustre		
Density	approx. 1.18 - 1.24 kg/litre		
Solids content	approx. 65 per cent by weight		
Delivery viscosity	approx. 150 sec DIN 4 mm		
Theoretical consumption	Film thickness		
	Wet	Dry	Surface
	77	µ50 µ	area
	108	µ70 µ	4.9 m² / kg
			4.8 m² / kg
Practical consumption	In practice, consumption depends on the processing type and conditions as well as the type and surface of the parts to be coated.		
Drying times at 20 °C	Dust-dry	approx. 30 minutes	
	Touch-dry	approx. 60 minutes	
Note Nitrocellulose lacquers must be	observed	Overpaintable	approx. 24 hours
drying at 80 °C approx. 30 - 60 minutes	Cured	approx. 72 hours	Accelerated
Thinner	Nitro thinner (only)		
	Note When applying with a brush or foam roller, avoid thick layers per application and prepare with approx. 5 % nitro thinner and mix well.		
Important	Ensure good ventilation of the curing layer		
Colour	basalt grey RAL 7012 silk gloss / Other colours are available on request		

Danger and safety notice

Please observe the safety and hazard information printed on the product before use. You can request the safety data sheet directly from us.

IMPORTANT!

FERPOX is a product of FERTAN Korrosionsschutz Vertriebsgesellschaft mbH and its general terms and conditions apply exclusively. FERTAN does not assume any guarantee for product properties and these must be checked by each user for their requirements. Information not contained in this data sheet must not induce the user to use the product for special purposes and FERTAN Korrosionsschutz Vertriebsgesellschaft mbH is not liable for incorrect or improper use.

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