

PROTOPOL® F80

Anticorrosive Primer

Product Description

Lead and chromate free one-pack anticorrosive synthetic resin based primer with good adhesion and fast drying properties. Very good corrosion protection thanks to the combination of anticorrosive pigments. Thermal resistance up to 80 °C dry heat.

Areas of Application

Mechanical engineering, metal and machinery construction as well as cast iron parts.

Suitable for temporary outdoor storage provided a dry film thickness of 60 - 80 µm is applied.

Application and Thinning

Application Method	Thinning	Nozzle
Conventional: Flow cup Double diaphragm pump	15 - 20 % V1 10 - 15 % V1	1.8 mm 1.6 mm
Airmix / Airless	10 - 15 % V1	11/20 narrow 11/40 large
Rolling / Brushing	10 - 15 % V1	Mohair roller Solvent-resistant, 5 mm

Do not apply at temperatures below + 5 °C. Surface temperature must be at least 3 °C above dew point to prevent moisture condensation during application.

Can be recoated with Protopol F80 after 1 - 2 hours at 20 °C, with one-pack top coats at 20 °C after 12 hours at the earliest.

Special Note

Our instructions are referring to normal climate 23/50. The information contained in this technical data sheet is based on general technical standards and is meant for specialists. Any changes in the recommended operating procedures or specified environmental conditions may influence the results significantly. Our guarantee covers only the quality of the material delivered. We do not accept any responsibility for the application. In case of doubt, we recommend contacting our Technical Service. Our products are under constant development. Therefore please note date of issue of our technical data sheet and ask for the latest edition.

Safety Measures

Protopol F80 contains solvents and is combustible. Protect from heat and keep away from naked flames. Ensure that ventilation is adequate. Do not inhale vapours. The Safety Data Sheet as well as the general regulations regarding work hygiene and operational measures must be observed.

Technical Data

Binder	Alkyd resin
Pigmentation	Zinc phosphate
Finish	Matt
Color	white approx. RAL 7001 silver grey approx. RAL 3009 oxid red approx. RAL 1002 sand yellow Other colors on request.
Substrate	Steel, cast iron, electrogalvanized surfaces (Zincor). The surface must be dry, free of grease and dust. For higher demands blast cleaning according to ISO 8501-1 Sa 2 - 2 1/2 or mechanical rust removal St 3. Remove abrasive residue and dust from surface. Recoat as soon as possible after blast cleaning to prevent rusting.
Thinner	V1 (The use of other thinners may lead to defects and loss of quality).
Packaging	5, 10 and 20 kg disposable containers
Storage	12 months in original, unopened containers stored at a temperature of 20 °C.
Waste disposal	Residues are considered as special refuse and must be treated as such, VeVa-code 08 01 11.

Components	1
Drying (20 °C)	Dust free approx. 10 min. Dry to touch approx. 1 hour Transportable approx. 16 hours Drying times depend on film thickness, substrate and air temperatures.
Forced drying	possible, e.g. 30 min. @ 80 °C

Solids content	by weight : approx. 63 % by volume: approx. 45 % approx. 1,35 kg/l	} silver grey
Density (20 °C)		
Theoretical consumption	approx. 180 g/m ² @ 60 µm	

	Protopol F80	Thinner V1
VOC value	40,2 %	100 %

(replaces issue 02.07)

12.20