

NEOLIN® F700
Anticorrosive Primer
Water dilutable

Product description

Water dilutable one-pack anticorrosive primer with good corrosion protection thanks to active anticorrosion pigments. Excellent adhesion on steel and non-ferrous metals. Fast drying and high surface hardness. Thermal resistance up to 80 °C dry heat.

Areas of application

Wherever good anticorrosion and adhesion is required, for example steel and aluminium parts in rail, road or agricultural vehicles, as well as objects in the instrument, machine and metal industry.

Application

Conventional, airless and low pressure spraying, brushing.

Important for application and drying:

- Air temperature ideal 20 - 25 °C / min. 10 °C
- Humidity ideal 60 % - max. 80 %
- Object temperature above + 10 °C
- Air velocity 0,4 - 0,8 m/sec.

To obtain an optimal surface and through drying, sufficient air circulation must be provided. To prevent moisture condensation during application, surface temperature must be at least 3 °C above dew point.

Can be overcoated after 12 hours with top coats on resin- and 2-component-basis.

Addition of water

- Conventional spraying up to 3 - 5 wt.-%
- Low pressure spraying up to 3 - 5 wt.-%
- Airless spraying and brushing no addition of water

Cleaning of equipment

Remove remaining paint from equipment and rinse thoroughly with little water (use for dilution). Repeat if necessary and rinse with V121 cleaner or cleaning thinner.

Special note

Product is **frost sensitive**.

Our indications are based on 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

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	Special dispersion water dilutable
Pigmentation	Zinc phosphate
Finish	Satin matt
Color	<ul style="list-style-type: none"> • ca. RAL 9010 Pure white • ca. RAL 1004 Golden yellow • ca. RAL 7016 Anthracite grey • ca. RAL 7009 Green grey • ca. RAL 9011 Graphite black Other colors on request
Substrate	Steel, aluminium (chromatized for exterior use). The surface must be dry, free of grease and dust. Steel, for higher demands blast cleaning according to ISO 8501-1, Sa 2 - 2½. Remove abrasive residue and dust from surface. Recoat as soon as possible after blast cleaning to prevent rusting.
Thinner	Water
Packaging	10, 20 kg disposable containers
Storage	6 months in original, unopened containers stored at a temperature of 20 °C. Protect from frost at all times!
Waste disposal	Residues are considered as special refuse and must be treated as such, VeVa-code 08 01 16.

Components	1
Drying (23 °C) (also see "Application")	Dust free approx. 15 minutes Dry to touch approx. 30 minutes Transportable approx. 12 hours Drying times depend on film thickness, substrate and air temperatures.
Forced drying	possible @ 40 - 80 °C

Solids content	by weight : approx. 62 % } by volume: approx. 48 % } white
Density (20 °C)	approx. 1,35 kg/l }
pH Value	8,4 - 8,8
Theoretical consumption	approx. 170 g/m² @ 60 µm

VOC value	< 1 %
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