

TECHNICAL DATA SHEET

ALL META PRIM COAT

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Alkyd primer/ coating for inside and outside, pigmented with zinc phosphate.
Fast drying and hardening.
Good coverage, easy to process.

High quality corrosion protection.
Application as a primer coating for, among other things, steel structures and other materials that have been properly pre-treated

PRODUCT INFORMATION

Type of paint	One component fast drying modified alkyd with zinc phosphate.
Finish	Satin
Color	RAL
Density	1.25 kg/L
Solids content	50 vol%
VOC (Volatile Organic Compounds)	450 g/L
Recommended dry film thickness (DFT)	60-80 µm
Theoretical spreading rate (At 80 µm DFT)	6.25 m ² /L
Practical spreading rate (Depending on several factors like shape of object, profile of surface, method of application, application circumstances and experience)	Brush/Roller: 85-90% of the theoretical spreading rate Spraying: 50-70% of the theoretical spreading rate
Flashpoint	Ca. 25°C
Dry temperature resistance	95°C

DRYING TIMES

For d.f.t. up to 60µm 20°C

Dust dry	1 hour
Manageable	4 hours
Overpainted	
Minimum interval	6 hours
Maximum interval	Unlimited*

*Provided that the surface is dry and clean

Film thickness, ventilation, temperature and relative humidity are of great influence on the drying times.

APPLICATIONS-INSTRUCTIONS

Application conditions

During application and hardening the temperature should be above 5°C to attain maximum resistance against chemical and mechanical influences.

Application at lower temperatures (up to 5°C) is possible, however hardening will take considerable more time and complete resistance will be achieved much later.

The surface should remain free from water and ice and the temperature of the surface should at least be 3°C above dew point.

During application and hardening in closed or small spaces, it is necessary to refresh the air continually to remove the solvent vapors, this because of drying, health and safety.

Usage information	Airless	Air spray	Brush/roller
Type of thinner	Thinner S	Thinner S	Thinner S
Recommended thinner	0-10 vol%	5-10 vol%	0-5 vol%
Nozzle orifice	0.28-0.33 mm 0.011-0.013 inch	1.5 mm	/
Nozzle pressure	120-140 bar	2-3 bar	/
Cleaning	cellulose thinner	cellulose thinner	cellulose thinner

SURFACE CONDITIONS

Steel:

New steel:

Blasting according to the ISO norm 8501-1:1988 Sa 2½
Roughness profile Ra 10-12 µm Rz 50-60 µm.
Surface must be clean and dry.

Repair and maintenance:

Clean the surface thoroughly with suitable cleaning preparation or by steam cleaning.

Remove salts and other water-soluble impurity by spraying with clean tap-water under high pressure.

Remove rust a.o. by blasting Sa2½ or derust mechanical until St.2-3

Apply the advised paint system on a clean surface.

- Mechanical or manually derusted gives less quality than blasting and will result in less protection of the applied paint system.

DURABILITY

At least 12 months, provided that it has been stored in closed original packing at a dry and cool spot.

PACKAGING

1 L – 5 L – 20 L - VAT

These data have been drawn up to the best of our knowledge and were correct at the data of issue. However we cannot accept full responsibility, because the choice of products and circumstances during elaboration of the systems fall outside our judgement. This documentation sheet will not automatically be replaced in case of modification.