

TECHNICAL DATA SHEET

ALL META COAT

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Quick-drying, rust-resistant coating, pigmented with zinc phosphate.
High-quality corrosion protection, lead and chromate free.
Easy to apply. Excellent through-drying at low temperatures.

Application as a rust-resistant primer / finish on blasted or rust-free steel.
Can be painted over with almost any paint after drying. (no epoxy).

PRODUCT INFORMATION

Type of paint	One component fast drying modified alkyd pigmented with zinc phosphate
Finish	SATIN
Colour	RAL
Density	1.2 kg/L
Solids content	50 vol%
VOC (Volatile Organic Compounds)	425 g/L
Recommended wet film thickness (WFT)	70-110 µm
Recommended dry film thickness (DFT)	40-60 µm
Theoretical spreading rate (DFT = 60 µm)	12.5 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	>25°C
Dry temperature resistance	120°C

DRYING TIMES

For d.f.t. up to 40µm	20°C	
Dust dry		60 min
Manageable		2 hours
Overpainted		
Minimum interval		4 hours
Maximum interval		Unlimited*
With 2C		1 – 4 weeks.

*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 vapours, this because of drying, health and safety.

Usage information	Airless	Airspray	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 Sa 2 ½ or degreasing or phosphating.
Substrate 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 de 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.