TECHNICAL DATA SHEET
BASECOAT

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BASECOAT is a anti-corrosion primer with very good adhesion to steel, alu and galva. (if the alu and the galva are fluttered or chemically aged)
BASECOAT is lead and chromate free. Can be used on metal constructions, cranes, industrial construction, steel construction, bodywork construction, …

PRODUCT INFORMATION

Type of paint	2-component acrylic PU primer with an aliphatic isocyanate curing agent
Finish	Mat
Color	RAL
Density	1.25 kg/L
Solids content	50 vol%
VOC (Volatile Organic Compounds)	430 g/L
Recommended dry film thickness (DFT)	60 µm
Theoretical spreading rate (At 60 µm DFT)	8.33 m²/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	>21°C
Dry temperature resistance	110°C

DRYING TIMES

For d.f.t. up to 60 µm	20°C
Dust dry	45 min
Manageable	12 hours
Completely cured	24 hours
Overpainted	
Minimum interval	12 hours
Maximum interval	20 days

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

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APPLICATIONS-INSTRUCTIONS

Mixing ratio: volume: base - hardener 4/1 with Flex hardener

Mixing instructions: Base and hardener should be mixed and applied at temperatures above 10°C
At lower temperatures extra thinner is needed which gives a slighter resistance against sagging and which will delay hardening.
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Pot life after mixing: approx. 8 hours at 20°C

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**	**Air spray**
Type of thinner	Thinner PU	Thinner PU
Recommended thinner	0-5 vol%	5-10 vol%
Nozzle orifice	0.28-0.33 mm 0.011-0.013 inch	1.5-2.0 mm
Nozzle pressure	130-160 bar	2-3 bar
Cleaning	Thinner PU	Thinnre PU

SURFACE CONDITIONS

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 blasing Sa2½ or derust mechanical until St.2-3
Apply the advised paint system on a clean surface.
- Mechanical or hand derusting gives less quality than blasing and will result in less protection of the applied paint system.

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DURABILITY

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

PACKAGING

1 l + 0,25 L 5 L + 1,25 L 20 L + 5 L

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