

NOXYDE

TECHNICAL DATA SHEET

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► DESCRIPTION

Rust preventive coating based on waterdispersed high polymers.

► APPLICATION

1. On iron, steel, special alloys, galvanised and metallised iron and steel, aluminium, copper, zinc, lead... as rust prevention or waterproofing.
2. Diluted with 25 % water as an adhesion primer coat on slightly or non porous substrates such as glass, smooth bricks and concrete, ceramics, tiles ...

► FEATURES

Waterproof - elastic (200 %) - impact resisting - free from lead and solvents.
Excellent protection against rust, weather influences and many chemicals.

► TECHNICAL DATA

Binder	:	plastified styrene acrylic resins
Finish	:	satin gloss
Gloss (60°)	:	± 20
Colour (s)	:	English red, grey-green, beige-grey, white, black, brown, bleu (see colour chart)
Solids content (ASTM, D1644/a)	:	in volume : 55 ± 3 % in weight : 62 ± 3 %
Density (ASTM, D1475, 20°C)	:	1,2 - 1,3 g/cm ³
VOC-content (Volatile Organic Compounds)	:	max. 5 g/l
Consumption	:	* Brush/roller : 200 - 300 g/m ² /coat * Airless : 300 - 500 g/m ² /coat Total consumption for optimal rust preventive protection : 800 g/m ² = 350 µm dry film thickness.
Thickness wet film	:	320 micron (cons.: 400 g/m ²)
dry film	:	175 micron (cons.: 400 g/m ²)
Drying times	:	* dustfree : 1,5 hour
(for t° 20°C)	:	* rain resistant : 3 hours
(for R.H. 60%)	:	* recoatable : 24 hours
	:	* full cure : ± 2 weeks
Flashpoint (DIN53213)	:	none
Miscellaneous items	:	Recoatable after 24 hours with itself, Coating PRT, high gloss alkyd enamels, high and satin gloss acrylic dispersion paints.

► INSTRUCTIONS FOR USE

Ambient conditions	:	temperature between 8 and 55°C / air humidity max. 80 % R.H.
Dilution	:	water
Cleaning tools	:	water
Airless	:	Nozzle : 18 - 23 Pressure : 220 bars
Conventional spray-gun	:	no
Brush	:	Undiluted as a rust preventive paint. Diluted with approximately 25 % water as an adhesion primer (consumption about 100 g/m ²).
Roller	:	Undiluted as a rust preventive paint. Diluted with approximately 25 % water as an adhesion primer (consumption about 100 g/m ²).
Particulars	:	When used for interior works, provide for adequate ventilation. During work stoppage, fully immerse brush or nozzle in water.

► PREPARATION OF THE SUBSTRATE

The substrate has to be dust free and made rust free by means of sandblasting (Sa2, St2) or high pressure water jetting (min. 600 bars).

After jetting, the substrate has to be dust free.

On new galvanised surfaces, new zinc, aluminium, stainless steel, apply first a coat of Galvaprim or Pegalink.

► ADDITIONAL INFORMATION

Transport codes	:	ADR-classification : not ADR / UN-code : none
Packing	:	1 - 5 - 20 kg
Storage stability	:	At least 24 months, provided the original tin is properly sealed and kept in a cool, dry and frostfree place.
AFNOR Classification	:	Group I, class 7b2

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"As for the precautions of use, hygiene and safety, please consult our Material Safety Data Sheets - available on request at our Technical Service".