

PRODUCT DATA

NOXYDE

DESCRIPTION

Rust preventive coating based on water dispersed high polymers.

MAIN PROPERTIES

Waterproof - elastic (200 %) - impact resisting - free from lead.

Excellent protection against rust, weather influences and many chemicals.

RECOMMENDED USES

1. On iron, steel, special alloys, galvanised and metallised iron and steel, aluminium, copper, zinc, lead, etc. 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, etc.

TECHNICAL DATA

Appearance:	Satin gloss (gloss 60°: $\pm 20\%$)
Colour:	English red, grey-green, beige-grey, white, black, brown, blue, moss green, reseda green, gravel grey, greyish white
Density:	1,2 - 1,3 g/cm ³
Solids Content:	In volume: $55 \pm 3\%$ In weight: $62 \pm 3\%$
Recommended film thickness:	Wet film: 320 micron (cons.: 400 g/m ²) Dry film: 175 micron (cons.: 400 g/m ²)
Flashpoint:	Not flammable
VOC-content:	15 g/l max.
Ready-for-use mixture:	15 g/l max.
Category:	A/i
EU Limit values:	140 g/l (2007) / 140 g/l (2010)

Drying times 20°C/50% r.h.

To touch: 1½ hours

To handle: 3 hours

To recoat: 24 hours

Full hardness ± 2 weeks

Coverage

Theoretical:	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.
Practical:	Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning (max. 200 Bars) in combination with appropriate detergents.

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 Pegalink.

On ferrous substrates, apply Noxyde in red or grey as the first coat. In all instances apply contrasting Noxyde colours for subsequent layers.

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DIRECTION FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION & THINNING

- Brush: Undiluted as a rust preventive paint.
Diluted with approximately 25% water as an adhesion primer (consumption about 100 g/m²).
- Roller: Undiluted as a rust preventive paint.
Diluted with approximately 25% water as an adhesion primer (consumption about 100 g/m²).
- Airless spray: Undiluted. Nozzle: 13 - 17 / Pressure: min. 170 bars.
Nozzle and pressure can vary depending on the type of substrate, equipment and the experience of the applicator.
- Cleanup: Water.
- Remarks: When used for interior works, provide for adequate ventilation.
During work stoppage, fully immerse brush or nozzle in water.

APPLICATION CONDITIONS

Temperature between 8 and 55°C / Air humidity max. 80% R.H.

REMARKS

Product is recoatable after 24 hours with itself, Coating PRT, high gloss alkyd enamels, high and satin gloss acrylic dispersion paints.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can. The substrate temperature must be at least 5°C above dew point.

SHELLIFE / STORAGE CONDITIONS

4 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

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