RUST-OLEUM®
INDUSTRIAL

NOXYDE® PLUS

Ultimate water-based corrosion protection

- Superior adhesion
- High dirt pick up resistance
- 200% elastic coat does not crack or peel
- Excellent coverage of nuts, bolts and welds
- Dry fall: saves preparation & clean up time

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

NOXYDE® PLUS

DESCRIPTION
Single pack water-based elastomeric coating based on a silane modified acrylic binder with superior adhesion and corrosion protection. The product contains anti-corrosion pigments and is lead, chromate and zinc free.

RECOMMENDED USE
1. On iron, steel, special alloys, galvanised and metallised iron and steel, aluminium, copper, zinc, lead, etc. as rust prevention or waterproofing. For outside and inside use.
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

Density (g/cm³):	1,25
Gloss Level:	["Satin"]
Gloss level at 60º:	24%
Solids Content in weight:	66%
Solids content in volume:	46%
Salt Spray Resistance:	1.248h salt spray resistance ISO 9227:2017

DRY TIMES BY 20º C/RH 50%

Touch dry:	1hr and 20 minutes
Dry to handle:	2 hours and 45 minutes
Dry to recoat:	24 hours
Fully cured:	2 weeks

RECOMMENDED WET FILM THICKNESS
380 µm

RECOMMENDED DRY FILM THICKNESS
175 µm

THEORETICAL CONSUMPTION
Brush/Roller - 240 - 360 g/m²/coat
Airless - 360 - 600 g/m²/coat
Total consumption for optimal rust preventive protection 950 g/m² (in minimum 2 coats) = 350 µm dry film thickness

PRACTICAL CONSUMPTION
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), manual cleaning (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 or PVDF Primer. On ferrous substrates, apply Noxyde Plus in red or grey as the first coat. In all instances apply contrasting Noxyde Plus colours for subsequent layers.

DIRECTIONS FOR USE
To ensure homogeneity, coating materials should be thoroughly stirred mechanically prior to use.

APPLICATION CONDITIONS
Temperature of air, substrate and coating material between 8 and 35°C.
Air humidity max. 80% R.H.
The substrate temperature must be at least 5°C above dew point.

APPLICATION & THINNING: BRUSH
Undiluted as a rust preventive paint. Diluted with up to 25% volume water as an adhesion primer (consumption about 120 g/m² - max. 100 µm wet film thickness - 20 µm dry film thickness)

APPLICATION & THINNING: ROLLER
Undiluted as a rust preventive paint. Diluted with up to 25% volume water as an adhesion primer (consumption about 120 g/m² - max. 100 µm wet film thickness - 20 dry film thickness)

APPLICATION & THINNING: AIRLESS SPRAY
Undiluted. Nozzle: 15 - 19 / Pressure: min. 170 bars. Nozzle and pressure can vary depending on the type of substrate, equipment and the experience of the applicator. Put a thin layer of water on top of the paint to prevent skinning.

CLEANING OF EQUIPMENT / SPILLS
Water

REMARKS
When used for interior works, provide for adequate ventilation. during work stoppage, fully immerse brush or nozzle in water. Product is recoatable after 24 hours with itself.
Compatible topcoats: Coating PRT, Alkythane 7500, Metal Cladding Topcoat, Paracem range, Pegacryl Satin.
Do not apply outside if rain is expected within 24 hours.
Maximum wet film thickness: 600µm.
For any information regarding options of guarantee with this system, please contact Technical Service.

SAFETY DATA

VOC level:	45g/l
VOC readymix:	45g/l
VOC category:	A/i
VOC limit:	140g/l
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

SHELF LIFE
Minimum of 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.

Date issued: 03/05/2024

Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

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