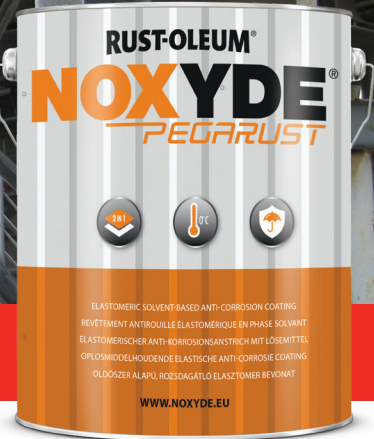


TECHNICAL SPECIFICATIONS GUIDELINE



ANTICORROSION COATING PEGARUST

Single-pack solvent-based anticorrosion elastomeric coating

CHARACTERISTICS

- Specially designed for difficult weather conditions: cold and damp
- Very long-lasting protection
- Very high thickness per layer, filling the edges
- Excellent resistance to corrosion and atmospheric chemicals
- 200% permanent elasticity, does not crack or flake
- Can be applied to condensing substrates
- Impact and shock resistant

ACCEPTABLE SUBSTRATES

STEEL

Surface condition

Steel substrates must be properly supported to avoid warping, which could cause the coating to work and lead to cleavage.

A: Steel substrate extensively covered with adhered mill scale but with few or no rust at all.

B: Steel substrate that has started to rust and whose mill scale has started to delaminate.

C: Steel substrate from which mill scale has disappeared under action of rust, or that can be removed by scrapping, but showing some rust cankers visible by naked eye.

D: Steel substrate from which mill scale has disappeared under action of rust, or that can be removed by scrapping, but showing a lot of rust cankers visible by naked eye.

NON-FERROUS METALS

Surface condition

Surfaces must be made up of solid and non-deformable structures.

OLD COATINGS

Surface condition

Old paints and coatings should be perfectly adherent and compatible with solvent-based polymer. In case of doubt, carry out a test on a small control-surface. Compatibles glossy coatings will be sanded mechanically.



SURFACE PREPARATION

GENERAL

Remove any dust, debris etc ; degrease and eliminate any contamination by alkaline cleaning with Cleaner-Degreaser RUST-OLEUM ND14 or high pressure cleaning combines with appropriate detergent, followed by thorough rinsing and full drying. In case of presence of mould (moss, lichens etc), decontaminate concerned surfaces with AMW Concentrate, followed by thorough rinsing and full drying. For severely contaminated areas, it is recommended to double the fungicidal treatment.

STEEL

See General.

Remove rust, rust scales, mill scale and old paints in bad condition, either manually or mechanically, according to the surface* :

Grades A and B : abrasive blasting SA 2 ½ (ISO 8501-01), max. rugosity 75 µm.

Grades C and D : pitting, grinding or scrapping-wire brushing to degree of care St 2/3 (ISO 8501-01), abrasive blasting SA 2 ½ (ISO 8501-01), max. rugosity 50 µm.

* Large surfaces will be preferably treated by abrasive blasting.

GALVANIZED STEEL

See General.

New galvanized steel will be degreased and etched with acidic etching solution RUST-OLEUM SURFA-ETCH 108 followed by thorough rinsing with fresh water.

Zinc oxides, « white rust » will be eliminated with acidic etching solution RUST-OLEUM SURFA-ETCH 108 followed by thorough rinsing with fresh water.

NON-FERROUS METALS

See General.

New aluminum will be degreased and etched with acidic etching solution RUST-OLEUM SURFA-ETCH 108 followed by thorough rinsing with fresh water.

Salts and oxides will be eliminated with acidic etching solution RUST-OLEUM SURFA-ETCH 108 followed by thorough rinsing with fresh water.

RECOMMENDED WORKING PROCEDURES

DESIGN (STEEL)

The risk of corrosion can be limited and efficiency of protection dramatically improved when the object design is taken into account.

Preparation :

Sharp edges will be rounded by grinding to an angle of at list 3 mm ; weldings and their spillages will be grinded; cut-outs will be deburred. Avoid non-accessible gaps and discontinuous weldings. Bolts, nuts, rivets etc will be coated with a primer. The latter will be first applied as a touch-up by brush, then as a general coat, ensuring this way a double thickness on most exposed spots.

PRIMERS

New galvanized steel and non-ferrous metals will receive an adhesion coat of PVDF Primer.

APPLICATION CONDITIONS

Temperature of air, substrate and product should be between -5°C and 35°C, and relative humidity below 85%. However product can be applied on condensing substrate, but not frozen.

Product mixing: mix material with a slow speed electric mixing machine, maximum 300 rounds/minutes, until homogeneous result is obtained.

Consult technical data sheets for details on drying times, induction times, pot-life, dilution and recommended application methods. Consult safety data sheets for any information related to safety during use of products.

BACK TO SERVICE (FLOORS)

Depending on temperature, most of solvent based polymer coatings will be hard after 24h. However the coating remains vulnerable to the action of humidity, detergents and chemicals, until full hardness is reached. It is therefore necessary to take precautions on the coating system as a consequence for at least one week. During application and drying, coatings require good ventilation ; in closed spaces, a forced ventilation is required

(extraction). Best results are obtained when product is applied at an average temperature of 20°C (air, substrate), and when relative humidity can be maintained below 85%. To the extent that hardening of product is a combination of solvent evaporation and oxidation of the binder, temperature plays an important role; full hardness is reached after about 7 days et 20°C.

SURFACE MAINTENANCE

A RUST-OLEUM PEGARUST system can be maintained by cleaning with a neutral detergent or alkaline detergent diluted with water. A worn coat can be easily restored by adequate surface preparation and application of a new coat of product. On metal, in case of rust reformation, it is advised to not postpone repair, to prevent any growth.

SYSTEMS OVERVIEW

ANTICORROSION SYSTEMS									
SUBSTRATE	STEEL		PAINTED STEEL		GALVANIZED STEEL		NON-FERROUS METAL		
Moderately aggressive to aggressive exposure	System : - Pegarust 1st coat 2nd coat	D.F.S. : 160 µm 160 µm	System : - Pegarust (1) Pegarust	D.F.S. : 150 µm 150 µm	System : - Pegarust Pegarust	D.F.S. : 160 µm 160 µm	System : - Pegarust Pegarust	D.F.S. : 160 µm 160 µm	
Total film thickness	320 µm		300 µm		320 µm		320 µm		
Very aggressive exposure	System : - 1st coat 2nd coat 3rd coat	D.F.S. : 160 µm 160 µm 160 µm	System : - Pegarust Pegarust Pegarust	D.F.S. : 160 µm 160 µm 160 µm	System : - Pegarust Pegarust Pegarust	D.F.S. : 160 µm 160 µm 160 µm	System : - Pegarust Pegarust Pegarust	D.F.S. : 160 µm 160 µm 160 µm	
Total film thickness	480 µm		450 µm		480 µm		480 µm		
Remarks : (1) Rusted spots will be first treated locally with Pegarust.									

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Available colours and pack sizes: See the relevant product page at www.rust-oleum.eu for actual available colours and pack sizes.

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