

RUST-OLEUM® NOXYDE® PLUS

RECOMMENDED SYSTEMS IN TYPICAL ENVIRONMENTS

- **System 1:** Low to Medium corrosivity (C2-C3): 2x 340 g (min. 250 µm DFT)
- **System 2:** Medium to High corrosivity (C3-C4): 2x 380 g (min. 280 µm DFT)
- **System 3:** High to Very high corrosivity (C4-C5): 2x 475 g (min. 350 µm DFT)
- **System 4:** Very high corrosivity (C5) and high mountains >1000 m : 2x 580 g (min. 430 µm DFT)*

10 year warranty available for all systems.

* Up to 20 year warranty possible for UK only.



LINK TO ISO 12944-5 : 2018

Original NOXYDE was launched more than 50 years ago, long before the creation of ISO 12944, and passed all requirements from ISO 12944-6 : 1998 for C5-M High durability performance. Due to the change in the testing method issued from ISO 12944-6 : 2018, NOXYDE PLUS can not pretend to pass all the tests as its predecessor has done, due to its thermoplastic properties. However, it outperforms original NOXYDE in all tests, which says a lot regarding its >50 years track record!

You will find below some of the more useful tests about NOXYDE PLUS. We invite you to pay attention also to §8.4 Guidelines for selecting the appropriate paint system – ISO 12944-5 : 2018 :

« Consult the paint manufacturer in order to confirm the choice and to determine what commercially available paint system(s) correspond to the paint system selected. »

TECHNICAL DATA

Standard	Description	Result	Meaning	ISO	12944-6 : 2018 requirements	External test report (ILF Magdeburg-Germany)
RESISTANCE TO CONDENSATION						
ISO 6270-1	720 h. continuous condensation					
ISO 4628-2	Blistering	0 (S0)	no blister	Yes	C4-VH or C5-H : 720 h.	Test Report No. 190780
ISO 4628-4	Cracking	0 (S0)	not visible under x10 magnification	Yes	C4-VH or C5-H : 720 h.	Test Report No. 190780
ISO 4628-5	Flaking	0 (S0)	0% flaked area	Yes	C4-VH or C5-H : 720 h.	Test Report No. 190780
ISO 4628-3	Rusting	Ri 0	0% area rusted	Yes	C4-VH or C5-H : 720 h.	Test Report No. 190780
RESISTANCE TO CORROSION						
ISO 9227	1440 h. Neutral Salt Spray test					
ISO 4628-2	Blistering	0 (S0)	no blister	Yes	C4-VH or C5-H : 1440 h.	Test Report No. 190780
ISO 4628-4	Cracking	0 (S0)	not visible under x10 magnification	Yes	C4-VH or C5-H : 1440 h.	Test Report No. 190780
ISO 4628-5	Flaking	0 (S0)	0% flaked area	Yes	C4-VH or C5-H : 1440 h.	Test Report No. 190780
ISO 4628-3	Rusting	Ri 0	0% area rusted	Yes	C4-VH or C5-H : 1440 h.	Test Report No. 190780
ISO 4828-8	Scribe corrosion	c <0,5 mm	After 1248 h. NSS ISO 9227			Test Report No. 211199
ADHESION						
ISO 4624	Pull-Off test before aging	up to 5,6 Mpa 100% A/B	Adhesive failure between substrate and 1st coat	Yes	≥ 2,5 MPa without adhesive fracture unless ≥ 5 MPa	Test Report No. 211199
ISO 4624	Pull-Off test after aging (1248 h. salt spray)	up to 8,2 Mpa 100% B	Cohesive failure in the 1st coat	Yes	≥ 2,5 MPa without adhesive fracture unless ≥ 5 MPa	Test Report No. 211199

KNOW-HOW TO PROTECT™

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