

REVOLUTION IN CORROSION CONTROL

NOXYDIZING™



REVOLUTION IN CORROSION CONTROL

For further details refer to product data sheets. (www.ro-m.com)

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RUST-OLEUM MATHYS
best solutions in paints & coatings

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MATHYS

Corrosion... not only your problem!

Annual losses worldwide:

- **2% of all metal**
- **approx. 4% of the GDP**
- **\$ 760.000.000.000 to fight**

Metal killers



Humidity



Temperature



Chemicals



Protection... what is available today?

Galvanizing



Painting *



Coating **

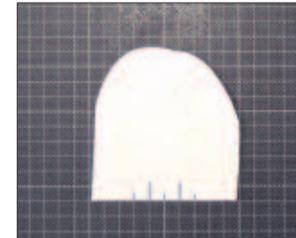


	Galvanizing	Painting *	Coating **	?
Corrosion control	++	+	++	++
Waterproofing	--	-	+/-	++
Lifetime	++	+/-	++	++
Aesthetics (colours)	--	++	++	++
Application on-site	--	++	+	++
Elasticity (crack resistance)	--	+/-	+/-	++

* Painting - 1 component multi layer system ** Coating - 2 component barrier system

Noxydizing... a new technology

Corrosion protection by elastomeric membrane



Noxydizing...

A rust preventive coating, single component and really easy to apply. The coating forms a rubbery anti-rust membrane which is impermeable to water and highly resistant to weathering, mechanical and chemical attack.

Noxydizing... combines it all!

Features

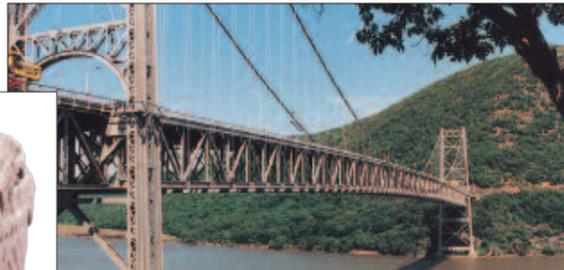
Benefits

High quality anti-corrosive pigments	Galvanic protection against corrosion
Fully waterproof	Moisture does not penetrate through
Extreme elasticity	Does not crack or peel
Superb adhesion	Prevents rust from spreading
Excellent edge coverage	Protects areas that are subject to more abuse
Minimal surface preparation	Reduces downtime and costs

Noxydizing... meets your needs

Elasticity

Noxydizing has excellent elasticity (>200%) for protection against cracking and peeling on metal surfaces subject to expansion, contraction, movement and mechanical impact. Ideal for cables, bolts and nuts, cladding etc.



Bear Mountain Bridge, New York (USA)

Adhesion

Even when the membrane is cut, its incredible adhesion will prevent any type of undercutting by corrosion and therefore corrosion is not able to spread.



Noxydizing

EP / PU System

Waterproofing

Noxydizing is impermeable for water. This strength and its excellent elasticity make Noxydizing the best solution for the protection and waterproofing of cladding and metal roofs.



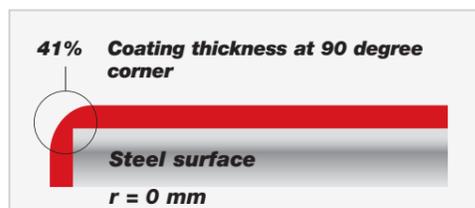
Metal roofing

Excellent edge coverage

Corrosion usually begins on outside edges where there is minimal film build. Testing proofs a 100% edge coverage at a round corner and still a 41% coverage at a 90 degree corner.



Cladding



Applications... your object, our focus

What other option than painting do you have to protect your tanks, pipelines, process-equipment, bridges, cranes, etc... ? Perhaps you would love to galvanize, but you can't... on site.

Stop worrying... **Noxydize!**

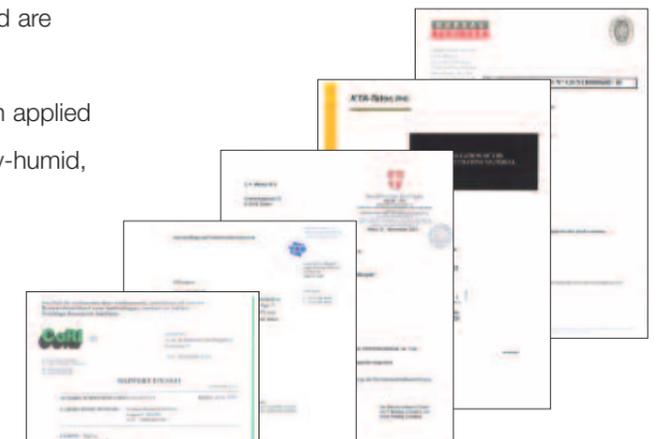
- Cladding
- Harbour cranes
- Steel bridges
- Tank exteriors
- Metal roofs
- Lighthouses
- In fact **all steel structures...**



Certification... how much proof do you need?

Noxyde was tested by many institutes and all results found are phenomenal: "unsurpassed corrosion control".

The best test however remains practice. Noxyde has been applied since 1972, all over the world; in all climates; hot-cold, dry-humid, rural-coastal, on-offshore... It didn't make any difference.



Products... different projects, different products

NOXYDE®



The original, 30 years track-record
The best for life-time corrosion control
Dft 350 µm

PEGANOX®



New
Ideal for all those other jobs
Dft. 150 µm

Noxyde the original, was designed for life-time corrosion control of large and capital intensive projects. It changed painting habits as of 1972. Upon request of satisfied customers, we developed

Peganox; the same technology however more easy to apply by brush and roller. It will change habits for the protection and beautification of all those other projects as well.

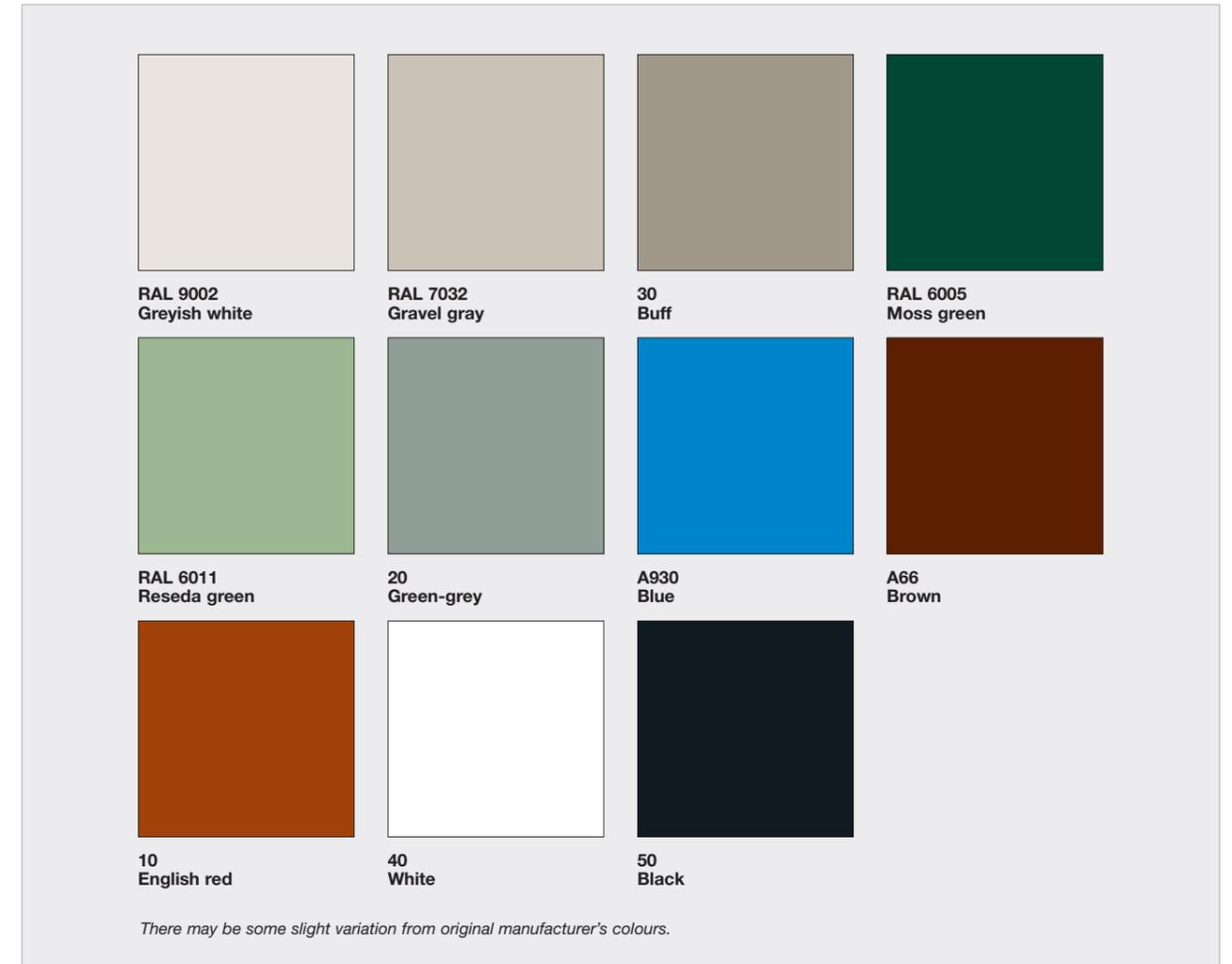
The revolution in corrosion control continues...

Features	Noxyde	Peganox
Waterbased	yes	
Single-component	yes	
VOC	< 5 g/l	< 25 g/l
Min. Surface preparation		St 2
Usage / consumption	800 g/m ²	400 g/m ²
DFT	350 µm	150 µm
Brush	fair	very good
Roller	fair	very good
Spray		excellent
Number of coats	1-2	2

Colours Noxyde - Peganox

Standard

Promptly available from stock



Non-Standard

Quickly available upon request*. Many colours can be made to meet your specific needs, whether your selection comes from RAL, NCS, AFNOR, BS or unique company colours, we will make them.

Overcoating

For other colours, gloss level or enhanced chemical/mechanical resistance, please note that Noxyde and Peganox can be overcoated with various Rust-Oleum Mathys topcoats*.

* Consult your Noxydizing representative for further information.