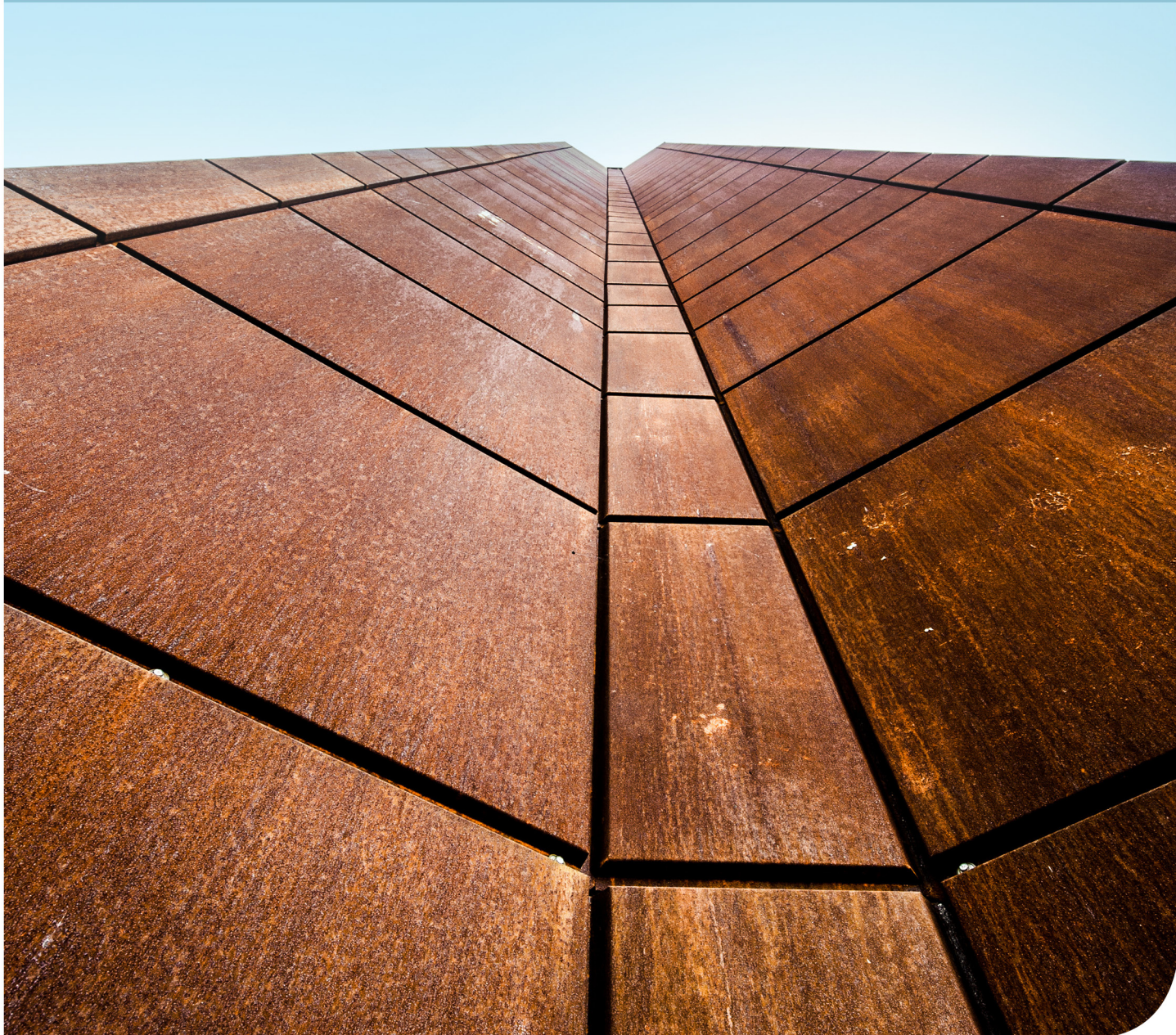


EXOhib PC400 and PC500

ANTI-FLASH RUST CORROSION INHIBITORS
FOR WB COATINGS



Applications:

- WB coating systems and industrial fluids
- especially for the protection of ferrous metals

Benefits:

- DEA, nitrite and phosphate free
- low foaming
- low usage of anti-flash rust agents
- improve corrosion resistance
- replacements of sodium nitrite
- cost effective

Typical properties

Product name	Descripton	Active content	pH range	Feature
EXOhib PC400	Aminoborate solution	Approx. 70%	9 - 11	Nitrite-free
EXOhib PC500	Mixture of corrosion inhibiting compounds	48 - 52	9 - 11	Aminoborate and nitrite-free

General 1K matt primer formulation

Raw material	Loadings [wt. %]			
Water	14.10	14.00	14.20	13.95
Wetting & dispersing agent	1.20	1.20	1.20	1.20
Defoamer I	0.30	0.30	0.30	0.30
Titanium white	16.00	16.00	16.00	16.00
Talc	7.00	7.00	7.00	7.00
Fumed silica	0.10	0.10	0.10	0.10
Acrylic dispersion	55.00	55.00	55.00	55.00
Coalescent	2.20	2.20	2.20	2.20
EXOhib PC400	0.30	-	-	-
EXOhib PC500	-	0.40	-	-
Sodium nitrite	-	-	0.20	-
Reference	-	-	-	0.45
Surface wetting agent	0.20	0.20	0.20	0.20
Defoamer II	0.10	0.10	0.10	0.10
HEUR additive I, (50% solution)	3.00	3.00	3.00	3.00
HEUR additive II, (50% solution)	0.10	0.10	0.10	0.10
Biocide	0.20	0.20	0.20	0.20
Defoamer III	0.20	0.20	0.20	0.20
Total, %	100.00	100.00	100.00	100.00
Active, %	0.21	0.20	0.20	0.20

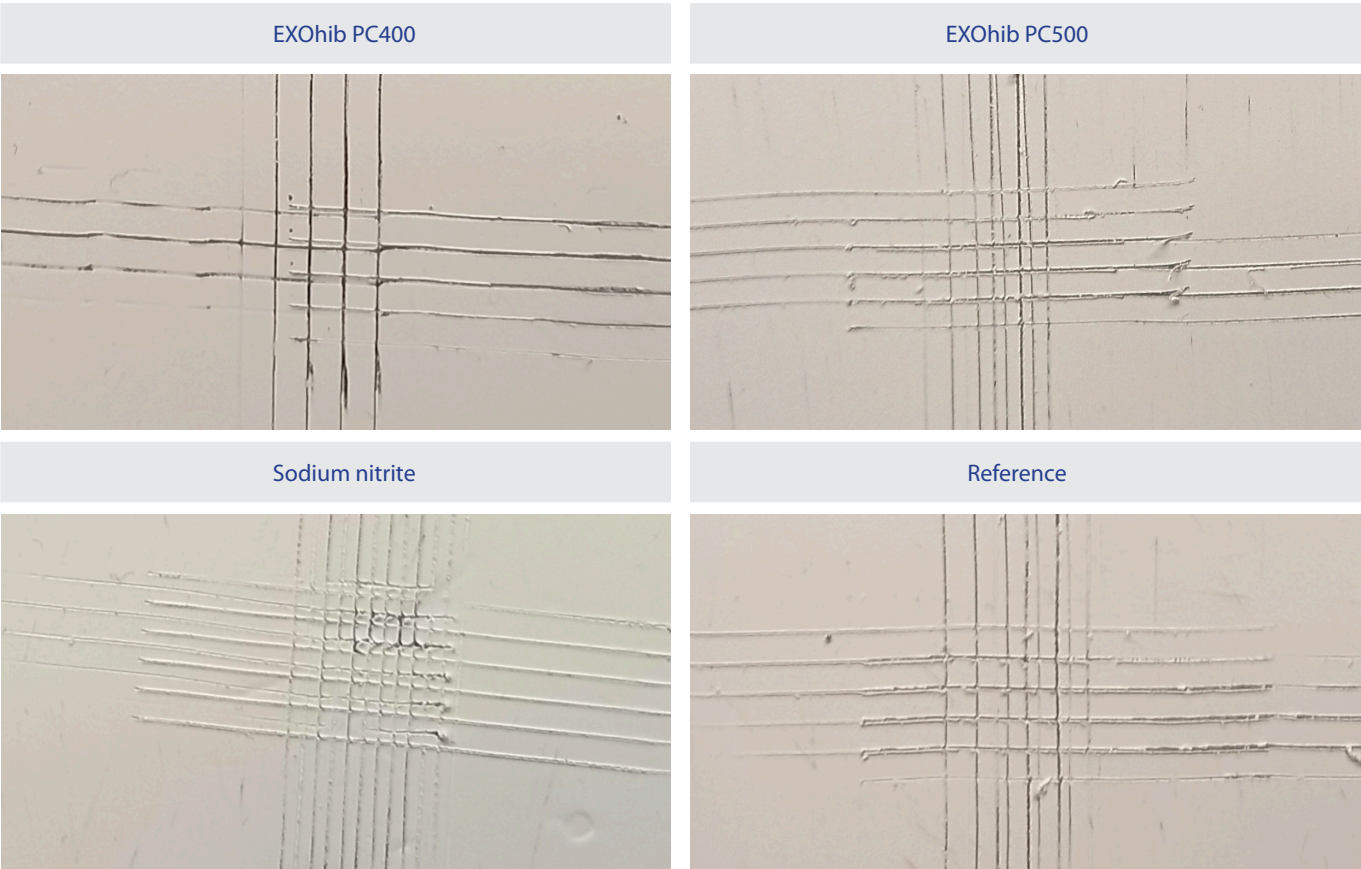
Influence on flash rust prevention

Samples applied on the steel plates. Visual evaluation of dry films.



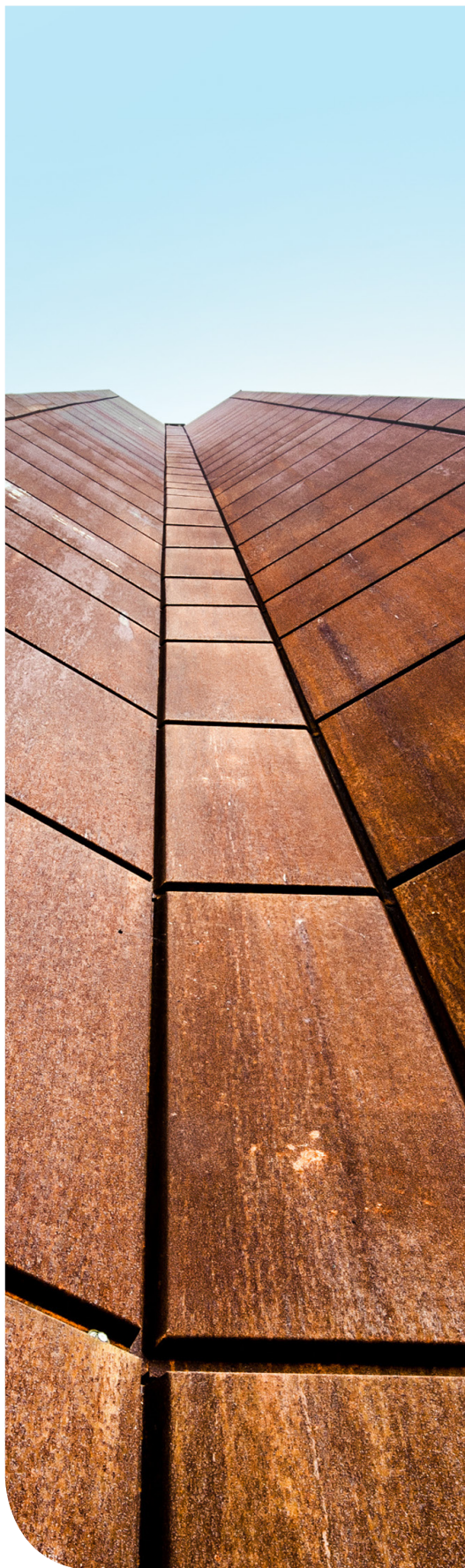
Influence on adhesion

Samples applied on the steel plates. Evaluation by cross-cut method.



EXOhib PC serie benefits

EXOhib PC400 and PC500 provide very good protection against flash-rust. No negative effect on adhesion is observed.



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March 2022



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