



Industrial coating

Anti-corrosion primer for sandblasted steel, water-based

Basis Epoxy resin (solid epoxy resin and amine)

	Guide Formulation of Allnex		RRS 2176
Component A	<i>-- part 1 --</i>		
	Deionized water	(1)	10.75
	Additol VXW 6208/60		3.65
	Additol VXW 6393	(1)	0.30
	<i>-- part 2 --</i>		
	SILLITIN Z 89	(2)	7.10
	Bayferrox 3920	(3)	0.70
	Bayferrox 306	(3)	1.50
	Kronos 2190	(4)	27.20
	EWO	(5)	23.40
	<i>-- part 3 --</i>		
	Additol VXW 6393	(1)	0.30
	Texanol	(6)	0.80
	<i>-- part 4 --</i>		
	Additol VXW 6388	(1)	0.60
	Additol VXW 6503N	(1)	0.30
	Corrosion inhibitor CHE-COAT-CI L8AF	(7)	0.50
	Corrosion inhibitor CHE-COAT-CI L8NF	(7)	0.50
<i>-- part 5 --</i>			
Beckocure EH 2100w/44WA	(1)	22.40	
Component B	Beckopox EP 387w/52WA	(1)	52.70
	Total parts by weight		152.70

Mixing Mix raw materials from part 1.
Add part 2, homogenize approx. 3 min and grind approx. 30-60 min by pearl mill.
Then add step by step the parts 3-5 to complete the paste.

Processing Mix component A and B shortly before application.



RRS 2176

Technical Data	Mixing ratio A : B	2 : 1
	Crosslinking ratio	75 %
	Ratio pigment : binder	1.6 : 1
	Solids content component A	73 %
	Solids content component A + B	66 %
	VOC	80 g/l
	Pot life	approx. 2 h
	Tack free time	>6 h
	Pendulum Hardness König	DIN EN ISO 1522
	after 24 h RT	19 s
	after 7 d RT	76 s
	after 7 d RT + 7 d 50 °C	134 s
	Erichsen cupping	DIN EN ISO 1520
	smooth steel, approx. 50-70 µm DFT	
	after 7 d RT	5.0 mm
	after 7 d RT + 7 d 50 °C	1.8 mm
	Salt spray test 1000 h	DIN EN ISO 9227
	sandblasted steel, approx. 110-130 µm DFT	
	delamination	5-6 mm
	Cross-cut test (with topcoat) after 1 h regenerating time	0

- Suppliers**
- (1) Allnex
 - (2) HOFFMANN MINERAL
 - (3) Lanxess
 - (4) Kronos International
 - (5) Sachtleben Minerals
 - (6) Eastman Chemical Company
 - (7) C. H. Erbslöh

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