

## Industrial coating

### Anti-corrosion 2K epoxy clearcoat, water-based, gray general industry, high requirements to corrosion protection

Basis: Epoxy resin (solid epoxy resin and hydrophobic amine)

	Guide Formulation of Stratmans High TAC	NC2260DIN12944-6
<b>Component A</b>	-- part 1 --	
	Demineralized water	11.20
	Additol VXW 6208	(1) 3.30
	Additol VXW 6393	(1) 0.10
	-- part 2 --	
	AKTISIL AM	(2) 12.00
	Kronos 2190	(3) 18.10
	Bayferrox 3920	(4) 0.40
	Bayferrox 306	(4) 1.10
	Albawhite H90	(5) 20.00
	Nubirox 106	(6) 4.00
	-- part 3 --	
	Additol VXW 6393	(1) 0.05
	Texanol	(7) 0.60
	-- part 4 --	
	Additol VXW 6388	(1) 0.60
	Methoxypropanol	1.00
	-- part 5 --	
	Beckocure EH 2260w/41WA	(1) 24.20
	TACorr BNI	(8) 1.20
	Demineralized water	2.15
	Total parts by weight	100.00
<b>Component B</b>	Beckopox EP 387w/52WA	(1) 45.40
	Demineralized water	4.60
	Total parts by weight	50.00
<b>Preparation</b>	Mix raw materials from part 1.	
	Add part 2 in the listed order under stirring and disperse by dissolver with toothed disc to 20 µm grain fineness.	
	Then complete step by step with the parts 3-5.	
	Premix raw materials of component B.	
<b>Processing</b>	Mix component A and B shortly before application.	

*Our applications engineering advice and the information contained in this formulation are based on experience and are made to the best of our knowledge and belief, they must be regarded however as non-binding advice without guarantee. Working and employment conditions over which we have no control exclude any damage claim arising from the use of our data and recommendations. Furthermore we cannot assume any responsibility for patent infringements, which might result from the use of our information.*

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<b>Technical Data (approx.)</b>	Mixing ratio A : B		2.0 : 1
	Crosslinking ratio		50 %
<b>Properties</b>	on cold-rolled steel, DFT 100 µm, drying 10 d RT		
	<u>1440 h salt spray test</u>		
	Degree of blistering	DIN EN ISO 4628-2	0 (S0)
	Degree of rusting	DIN EN ISO 4628-3	Ri 0
	Penetration of rust	DIN EN ISO 4628-8	0 mm
	Delamination	DIN EN ISO 4628-8	2.4 mm
	<u>1000 h humidity test</u>		
	Degree of blistering	DIN EN ISO 4628-2	0 (S0)
	Degree of rusting	DIN EN ISO 4628-3	Ri 0
<b>Suppliers</b>	(1) Allnex		
	(2) HOFFMANN MINERAL		
	(3) Kronos International		
	(4) Lanxess		
	(5) Sachtleben Minerals		
	(6) Ferro		
	(7) Eastman Chemical Company		
	(8) Straetmans High TAC		

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