

Anticorrosive coatings

EU SF 2.3.

Corrosion resistant water thinnable paint,
based on Resydrol AZ 436w/45 WA, VOC ≤ 150g/l

Formulation		Raw Material	Supplier	% by
	1.	Resydrol AZ 436w/45 WA	(1)	56,9
	2.	Ammoniak, 10%ig		1,0
	3.	Wasser		13,2
	4.	Borchi® Gel 0626	(2)	3,0
	5.	Surfynol SE-F	(3)	0,3
	6.	Borchers® AF 1171	(2)	0,3
	7.	Heucophos ZCPP	(4)	4,7
	8.	Bayoxide® Z active	(2)	0,5
	9.	Micro Talc AT extra	(5)	8,0
	10.	Millicarb	(5)	5,2
	11.	Bayferrox 130M	(6)	6,3
		Pos. 1.-12. 30 min in der Perlmühle dispergieren.		
	12.	Borchi® OXY Coat 1101	(2)	0,15
	13.	Ascini® Anti Skin 0445	(2)	0,15
	14.	AMP 90	(7)	0,3
		Pos. 12. - 14. zugeben und 15 min. bei 500 U/min. rühren.		
		Total		100,0

Technical Data

pH-value	8.5 – 9.3 (DIN 53875) evtl. adjust with	8.9
Viscosity Brookfield	Spindel 6/20 rpm; 20 °C	8500mPas
Viscosity Krebs-Stormer	200 rpm; 20 °C	115 KU
Pigment Volume Concentration		11.7%
Density	20 °C	1.26g/cm ³
Solids-content	1.5 h at 125 °C	approx. 54 %
Drying	DIN 53150	TG1 – 15min. TG3 – 45min.
VOC-content (on)	DIN EN ISO 11890-1	approx. 150g/l
Cross-cuttest	DIN 52151 (after 1 week)	0 / 0

Suppliers

- (1) Allnex (www.allnex.com)
- (2) Milliken (www.milliken.com)
- (3) Evonik (www.evonik.com)
- (4) Heubach (www.heubachinternational.de)
- (5) Elementis (www.elementis.com)
- (6) Lanxess (www.lanxess.com)
- (7) Angus Chemical (www.angus.com)

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