

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

Formulation

Raw Material	Supplier	% by wt.
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. Ascinin® 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

Techn. Data

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

Suppliers

- (1) Cytec Surface Specialties (www.cytec.com)
- (2) Borchers (www.borchers.com)
- (3) Air Products (www.airproducts.com)
- (4) Heubach (www.heubachinternational.de)
- (5) Mondo Minerals (www.mondominerals.com)
- (6) Lanxess (www.lanxess.com)
- (7) Angus Chemical (www.angus.com)

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Borchers GmbH

Berghaus ener Str. 100 / 40764 Langenfeld / Telephone: +49 (0) 2173 – 39 26 666
Fax: +49 (0) 2173 – 39 26 999 / Internet: www.borchers.com / E-Mail: info.info@borchers.com

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