

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 |
| Viskosity Brookfield | Spindel 6/20 rpm; 20 °C | 8500 mPas |
| Viskosity 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 Specialities (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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