

Decorative Paints

EU SF 6.9.

Glossy dispersion lacquer for indoor and outdoor use,
based on Primal AC 337, VOC ≤ 150g/l

Mill base formulation

| Raw Material | Supplier | % by wt. |
|---|----------|----------|
| 1. <u>Water</u> | | 12.5 |
| 2. <u>Propylene glycol</u> | | 3.5 |
| 3. <u>AMP 90</u> | (1) | 0.2 |
| 4. <u>Borchi® Gen 0650</u> | (2) | 0.4 |
| 5. <u>Defoamer</u> | | 0.2 |
| 6. <u>Borchi® Gel 0434</u> | (2) | 2.0 |
| 7. <u>Acticide MBS</u> | (3) | 0.2 |
| 8. <u>Kronos 2360</u> | (4) | 20.0 |
| <i>Total</i> | | 39.0 |
| <i>Disperse const. 1.-8., for about 30 min. under Dissolver</i> | | |

Let down

| | | |
|---|-----|-------|
| <u>Mill base (see above)</u> | | 39.0 |
| 9. <u>Texanol</u> | (5) | 2.1 |
| 10. <u>Water</u> | | 2.1 |
| 11. <u>Primal AC 337</u> | (6) | 56.5 |
| 12. <u>Defoamer</u> | | 0.3 |
| <i>Total</i> | | 100.0 |
| <i>Add const. 9.-12. under stirring</i> | | |

Data

| | | |
|----------------------------|--|------------------------|
| pH-value | (10% in water): 8.5 – 9.0 | 8.8 |
| Viscosity Krebs-Stormer | 200 rpm; 20 °C | ap. 114 KU |
| Viscosity ICI | 10.000 1/s; 23 °C (Rheostress) | 2 Poise |
| Density | 20 °C | 1.15 g/cm ³ |
| Gloss Gardner | 60° angle (100 µm wet film thickness on | > 75 |
| Solids content | 1.5 h at 110 °C | ap. 52 % |
| VOC-content | DIN EN ISO 11890-1 | < 150 g/l |
| Rub-out | (10% Levanyl black N-LF) | very good |

Suppliers

- (1) Angus Chemical (www.angus.com)
- (2) Borchers (www.borchers.com)
- (3) Thor (www.thor.com)
- (4) Kronos Titan (www.kronostio2.com)
- (5) Krahn (www.krahn.de)
- (6) Brenntag (www.brenntag.com)

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