

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 RS1)	2 Poise
Density	20°C	1.15 g/cm ³
Gloss Gardner	60° angle (100 µm wet film thickness on glass)	> .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) Milliken (www.milliken.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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