

Industrial Coatings

EU SF 1.28.

Water thinnable two-pack PU clear coat,
based on Alberdingk U 6150 and Bayhydur 3100

Component 1	Raw Material	Supplier	% by
	1. <u>Alberdingk U 6150</u>	(1)	79.5
	2. <u>Defoamer</u>		0.8
	3. <u>Borchi® Gol LA 50</u>	(2)	0.3
	4. <u>Dowanol TPnB</u>	(3)	6.0
	5. <u>Water</u>		12.9
	6. <u>Borchi® Gel Thix 921</u>	(2)	0.5
	<i>Total</i>		100.0
	<i>Place const.1. and add under mixing const. 2.- 6. Mix for about 30 min. at 2000 rpm. Let rest 1 day for deaeration.</i>		

Component 2	7. <u>Bayhydur 3100</u>	(4)	10.0
	<u>Water (for thinning)*</u>		26.0
	<i>Incorporation: stir for approx. 10 min in a dissolver</i>		

* to adjust the spray viscosity

Application Compressed-air spraying

Data	Spray viscosity, DIN 53211-cup 4mm, at 23 °C	approx. 23 s
	Pendulum hardness (König method) DIN EN ISO 1522 (100 µm wet film thickness on after: 1 day / 3 days / 7 days	25 / 31 / 58
	Haze and Gloss (20°/60°angle), DIN 67530 / ISO2813 (100 µm wet film thickness on	40 / 78 / 86

Suppliers

- (1) Alberdingk Boley (www.alberdingk-boley.de)
- (2) Borchers (www.borchers.com)
- (3) Dow (www.dow.com)
- (4) Covestro (www.covestro.com)

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