

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

	Raw Material	Supplier	% by wt.
<b>Component 1</b>	1. Alberdingk U 6150	(1)	79.5
	2. Defoamer		0.8
	3. <b>Borchi® Gol LA 50</b>	(2)	0.3
	4. Dowanol TPnB	(3)	6.0
	5. Water		12.9
	6. <b>Borchi® Gel Thix 921</b>	(2)	0.5
	<i>Total</i>		<i>100.0</i>
<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>			

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

**Application** Compressed-air spraying

<b>Data</b>	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 glass) 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 ABS)	40 / 78 / 86

**Suppliers**

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

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