

## Industrial Coatings

EU SF 1.28.

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

	Raw Material	Supplier	% by
Component 1	1. Alberdingk U 6150	(1)	79.5
	2. Defoamer		0.8
	3. Borch <sup>®</sup> Gol LA 50	(2)	0.3
	4. Dowanol TPnB	(3)	6.0
	5. Water		12.9
	6. Borch <sup>®</sup> Gel Thix 921	(2)	0.5
	<b>Total</b>		<b>100.0</b>
<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. Bayhydur 3100	(4)	10.0
	Water (for thinning)*		26.0

**Incorporation:** stir for approx. 10 min in a dissolver

\* 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) after: 1 day / 3 days / 7 days	25 / 31 / 58
	Haze and Gloss (20°/60°angle), DIN 67530 / ISO2813 (100 µm wet film thickness)	40 / 78 / 86

<b>Suppliers</b>	(1) Alberdingk Boley ( <a href="http://www.alberdingk-boley.de">www.alberdingk-boley.de</a> )
	(2) Milliken ( <a href="http://www.milliken.com">www.milliken.com</a> )
	(3) Dow ( <a href="http://www.dow.com">www.dow.com</a> )
	(4) Covestro ( <a href="http://www.covestro.com">www.covestro.com</a> )

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