

## Wood & Furniture Coatings

EU SF 3.21.

High glossy white two-pack PU topcoat,  
based on Desmophen 1300 / Desmodur L 75

	Raw Material	Supplier	% by wt.
<b>Component 1</b>	Desmophen 1300, 75% in xylene	(1)	48.4
	<b>Borchi® Gen 0451</b>	(2)	2.0
	Sachtleben R-KB-6	(3)	32.0
	Aerosil R 972	(4)	0.3
	Bentone SD 2	(5)	0.4
	<b>Borchi® Gol LA 200</b> , 10% in butyl acetate	(2)	1.0
	<i>Dispersion: 30 min. under cooling at 2500 rpm</i>		
<b>Let down</b>	Butyl acetate		3.2
	Ethyl acetate		2.9
	Methoxy propyl acetate		1.9
	<b>Borchi® Gol OL 17</b> , 10% in butyl acetate	(2)	2.0
	CAB 531.1, 10% in butyl acetate	(6)	4.9
	<b>Borchi® Gol LA 200</b> , 10% in butyl acetate	(2)	1.0
	<i>Sum: Comp.1</i>		100.0
<b>Component 2</b>	Desmodur L 75	(1)	29.4
	Butyl acetate		38.3
	<i>Sum: Comp.1 +2</i>		167.7

<b>Data</b>	
NCO : OH - ratio	1 : 1
Solids content Comp.1	ap. 71.3 %
Binder content Comp.1	ap. 36.3 %
Pigment content Comp.1	ap. 32 %
Viscosity Comp.1, DIN 53211-cup 4 mm, at 23 °C	82 s
Spray viscosity, DIN 53211-cup 4 mm, at 23 °C	15 s
Pot life	ap. 6 h
Drying (tack free at room temperature)	ap. 3 h
Hardness, (König method) DIN EN ISO 1522 - after 1	172 s
Gloss (20°/ 60°angle), DIN 67530 / ISO 2813	90 / 99

**Suppliers**

- (1) Covestro ([www.covestro.com](http://www.covestro.com))
- (2) Milliken ([www.milliken.com](http://www.milliken.com))
- (3) Venator ([www.venatorcorp.com](http://www.venatorcorp.com))
- (4) Evonik ([www.aerosil.com](http://www.aerosil.com))
- (5) Elementis ([www.elementis.com](http://www.elementis.com))
- (6) Eastman Chemical ([www.eastman.com](http://www.eastman.com))

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