

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

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

Component 2	Desmodur L 75	(1)	29.4
	Butyl acetate		38.3
	<i>Sum: Comp.1 +2</i>		<i>167.7</i>

Data		
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 week		172 s
Gloss (20°/ 60°angle), DIN 67530 / ISO 2813		90 / 99

Suppliers

- (1) Covestro (www.covestro.com)
- (2) Borchers (www.borchers.com)
- (3) Sachtleben (www.sachtleben.de)
- (4) Evonik (www.aerosil.com)
- (5) Elementis (www.elementis.com)
- (6) Eastman Chemical (www.eastman.com)

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Borchers GmbH

Berghausener Str. 100 / 40764 Langenfeld / Telephone: +49 (0) 2173 – 39 26 666
Fax: +49 (0) 2173 – 39 26 999 / Internet: www.borchers.com / E-Mail: info.info@borchers.com

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