

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
Component 1	Desmophen 1300, 75% in xylene	(1)	48.4
	Borchi® Gen 0451	(2)	2.0
	Sachtleben R-KB-6	(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>		100.0
Component 2	Desmodur L 75	(1)	29.4
	Butyl acetate		38.3
	<i>Sum: Comp.1 +2</i>		167.7

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

Suppliers

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

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