

Wood & Furniture Coatings

EU SF 3.15.

Glossy two-pack PU clear coat, fast drying, for spray application,
based on Setalux D A 450 BA/X and Desmodur N 75

	Raw Material	Supplier	% by
Component 1	Setalux D A 450 BA/X	(4)	54.0
	Butylacetate		14.0
	Borchi® Gol LAC 80, 50% in xylene / butylacetate / methoxy propyl	(2)	0.3
	CAB 381-2, 25% in butyl acetate	(3)	12.0
	Methyl ethyl ketone		19.7
	<i>Total</i>		<i>100.0</i>
	<i>Homogenize in a dissolver</i>		
Component 2	Desmodur N 75, 75% in xylene / methoxy propyl	(1)	8.0

Data		
Comp.1: Comp. 2 - Mixing ratio		100 : 8
Solids content (Comp. 1), DIN EN ISO 3251		30 %
Solids content on application		30.5 %
Thinning for spray viscosity: xylene / butyl acetate (1:1)		10 %
Spray viscosity, DIN 53211-cup 4 mm, at 23 °C		ap. 24 s
Pot life		> 8 h
Drying TG 1 (sand dry), DIN 53150, at 23 °C		5 min
Hardness (König method), DIN EN ISO 1522 - after 1week		ap. 195 s
Gloss Gardner (20°/ 60° angle), DIN 67530 / ISO 2813		80 / 86
Haze		13
Chemical resistance, DIN 68861 part 1B (tested on beech wood veneered)		resistant

Suppliers

- (1) Covestro (www.covestro.com)
- (2) Borchers (www.borchers.com)
- (3) Eastman Chemical (www.eastman.com)
- (4) Allnex (www.allnex.com)

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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