



**Industrial coating**  
**UV-curing transparent topcoat for wood, glossy**  
**without reactive diluent**

**Basis** aromatic epoxy acrylate and polyether acrylate

L 00002.3	Filler content	Control	SILLITIN Z 89 PURISS	
		0 %	5 %	10 %
		[2]	[26]	[25]
Laromer LR 8986	(1)	48.06	45.57	43.16
Laromer PO 8967	(1)	48.06	45.57	43.16
Omnirad 184	(2)	3.88	3.66	3.48
Byk-088	(3)	---	0.20	0.20
SILLITIN Z 89 PURISS	(4)	---	5.00	10.00
Total % by weight		100.00	100.00	100.00

**Recommendation** [26] improved abrasion resistance and cost savings potential  
 [25] like [26], higher cost reduction potential

**Mixing**

- charge liquid ingredients
- disperse filler by dissolver (using a toothed disc)

**Reactivity**

- approx. 10 m/min (6x)
- 1 lamp 120 W/cm

**Suppliers**

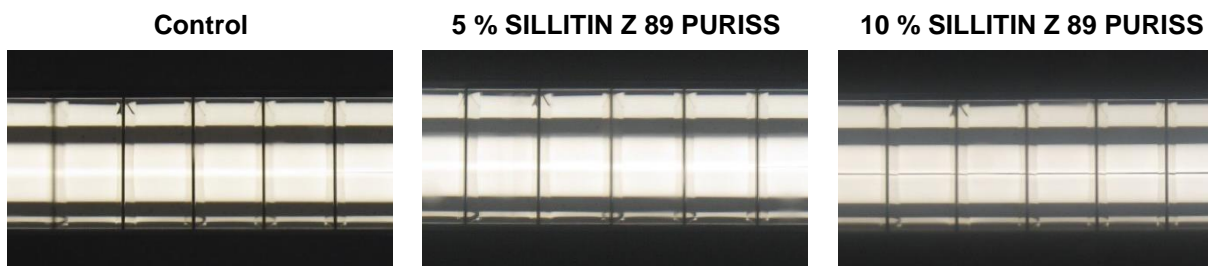
- (1) BASF
- (2) IGM Resins
- (3) Byk Chemie
- (4) HOFFMANN MINERAL



			Control	SILLITIN Z 89 PURISS		
			0 %	5 %	10 %	
			[2]	[26]	[25]	
L 00002.3						
<b>Technical Data</b>	PVC	%	0	2.4	4.9	
	Viscosity	at 1 s <sup>-1</sup>	Pa·s	0.70	0.75	0.98
		at 500 s <sup>-1</sup>	Pa·s	0.69	0.73	0.92
	<u>Substrate: contrast cardboard, DFT 30 µm</u>					
	Gloss 20°	GU	90	85	82	
	Gloss 60°	GU	94	93	92	
	Transparency: ΔL* towards control		-	0.2	0.4	
	Abrasion (CS17, 1 kg, 1000 rev.)	mm <sup>3</sup>	40	30	29	

Optical impression:

Coated glass plates (DFT 30 µm) on black background: reflected mirror image of a ceiling lamp



**More information on this topic:**

[Neuburg Siliceous Earth in 100 % UV-Clear Varnish Glossy Abrasion Resistant Topcoat](#)

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