



Industrial coating
UV-curing transparent surfacer for wood
without monomeric reactive diluent

Basis Epoxy acrylate

I 45410.1		[20]	[21]	[22]
Ebecryl 6040	(1)	42.4	42.4	42.4
OTA 480	(1)	50.8	50.8	50.8
Benzofenone	(2)	3.4	3.4	3.4
Omnirad BDK	(3)	3.4	3.4	3.4
AKTISIL MAM	(4)	93.0	---	---
SILLITIN V 88	(4)	---	93.0	---
SILLITIN Z 89	(4)	---	---	67.8
Total parts by weight		193.0	193.0	167.8

Recommendation SILLITIN V 88 and AKTISIL MAM result in very low abrasion loss and do not impair mechanical sanding characteristics. By combining SILLITIN V 88 with AKTISIL MAM, the yield point of the formulation can be controlled without affecting the viscosity.

SILLITIN Z 89: high yield point at lower filler content

Technical Data	Dynamic Viscosity (100 s ⁻¹)	Pa·s	12.7	12.1	10.4
	Yield point	Pa	3	15	16
	Abrasion loss (Taber, S42 / 0.5 kg / 100)	mm ³	61	66	95
	Reactivity	approx. 15 m/min (2x) 1 lamp 80 W/cm			

Suppliers	(1)	Allnex
	(2)	Lamberti
	(3)	IGM Resins
	(4)	HOFFMANN MINERAL

More information on this topic

[Neuburg Siliceous Earth in UV Curing Wood Coatings \(Surfacer and Top Coat\)](#)

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