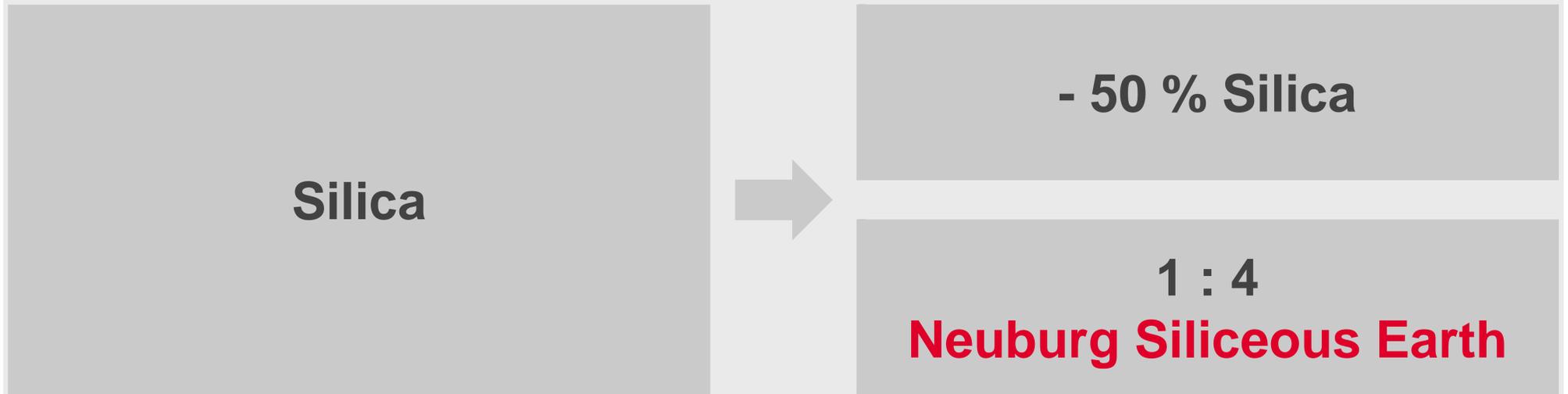


NEUBURG SILICEOUS EARTH IN UV CLEAR VARNISH TOPCOAT MATT

OBJECTIVE

- Retain property profile plus improvement
- Cost reduction potential

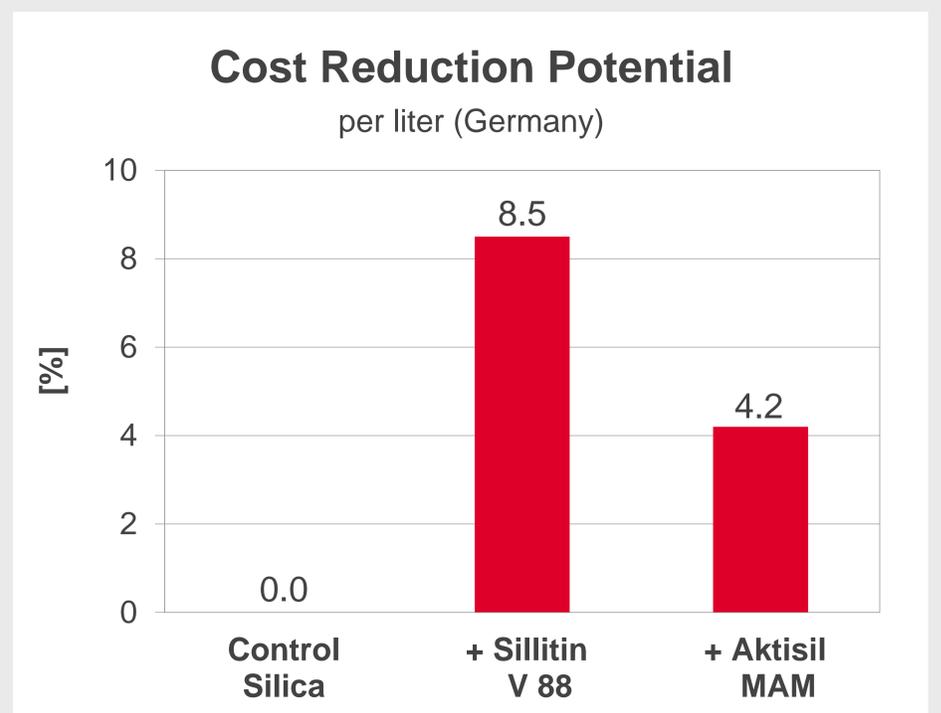
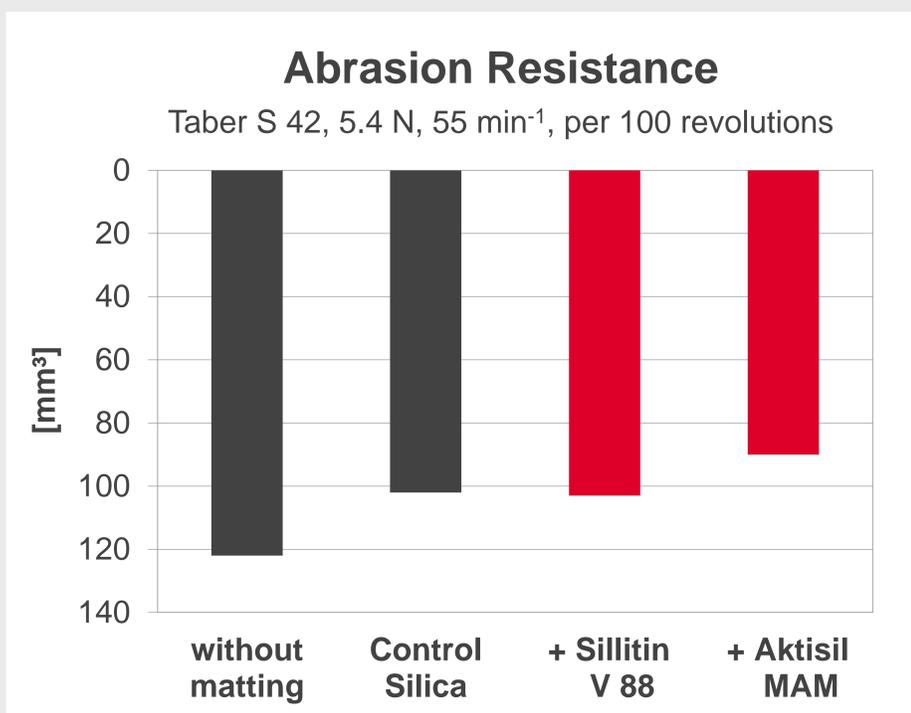
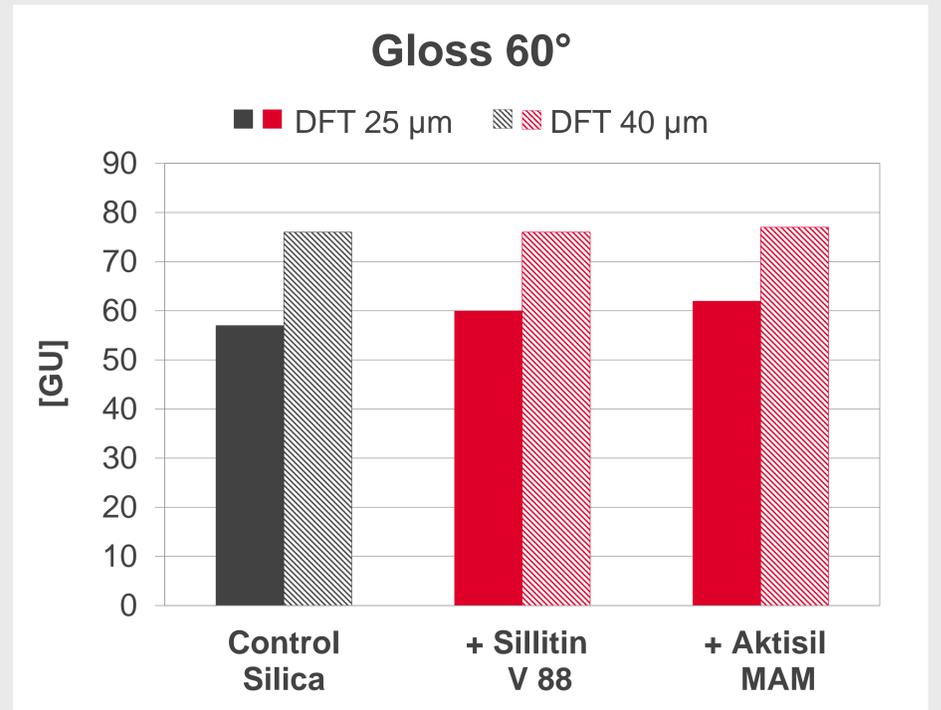
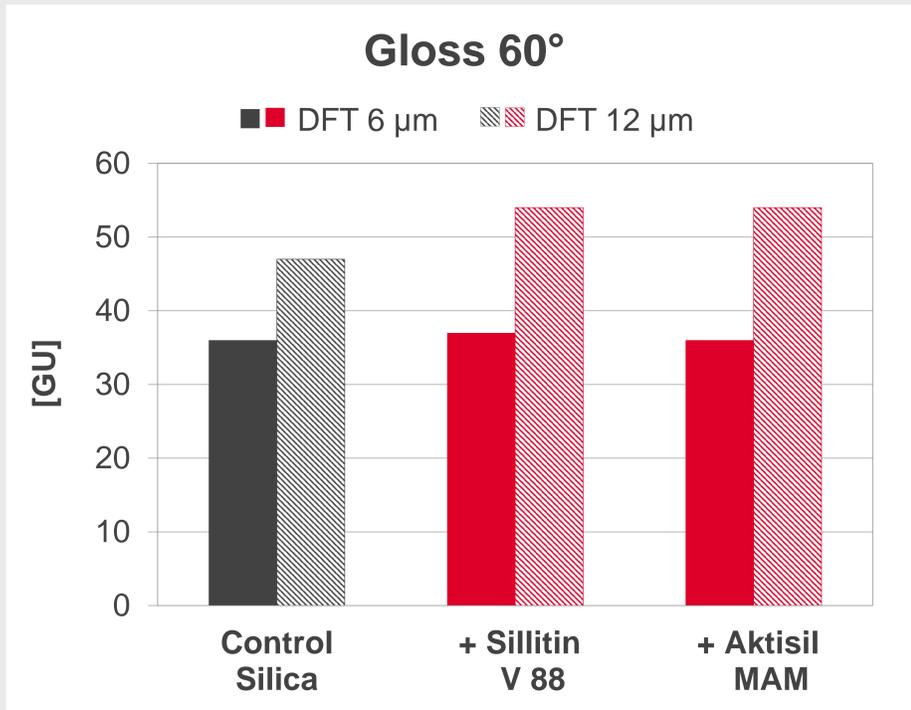


FORMULATION

	Control	- Silica + Sillitin V 88	- Silica + Aktisil MAM
Laromer LR 8986	43.50	37.28	37.28
Laromer PO 8967	43.50	37.28	37.28
Omnirad 184	3.50	3.00	3.00
Silica	8.70	4.35	4.35
Sillitin V 88		17.40	
Aktisil MAM			17.40
EFKA FL 3741	0.40	0.34	0.34
FoamStar ST 2438	0.40	0.34	0.34
Total [%]	100.0	100.0	100.0
PVC [%]	5.2	11.9	11.9

NEUBURG SILICEOUS EARTH IN UV CLEAR VARNISH TOPCOAT MATT

RESULTS



SUMMARY

Retained Features

- ✓ Low viscosity (1 s⁻¹: ~ 2.5 Pa·s)
- ✓ Good transparency ($\Delta E < 1$)

Improved Features

- + Improved abrasion resistance
- + Significant reduction of the formulation costs