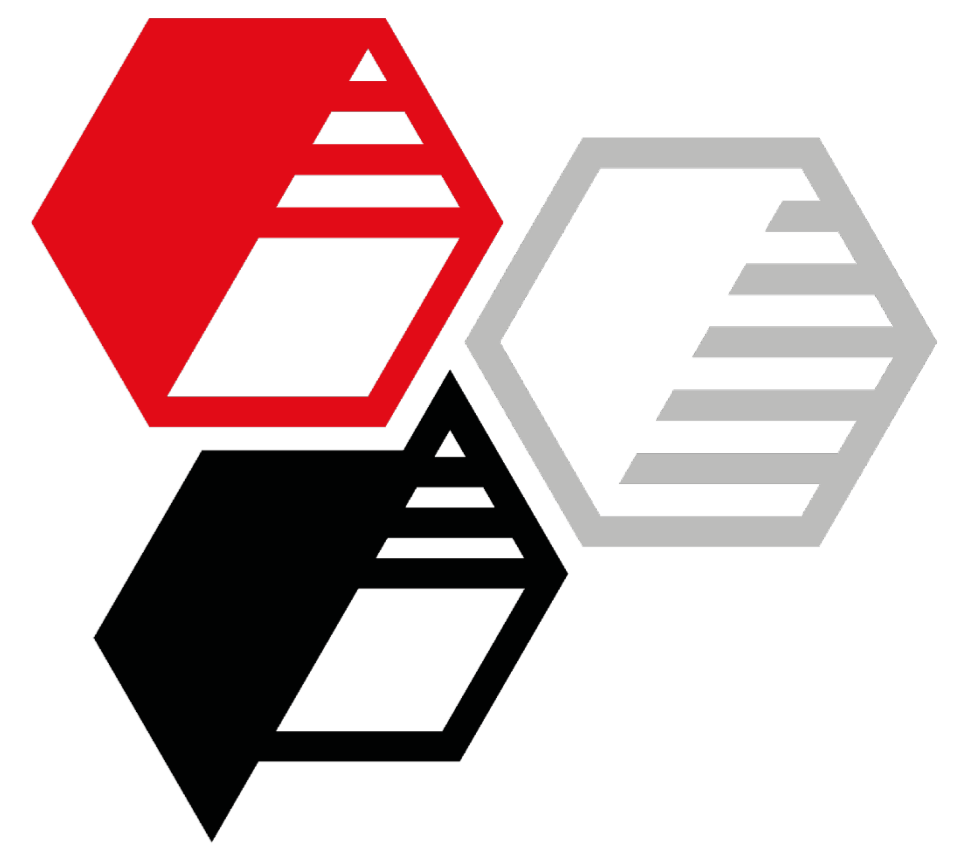


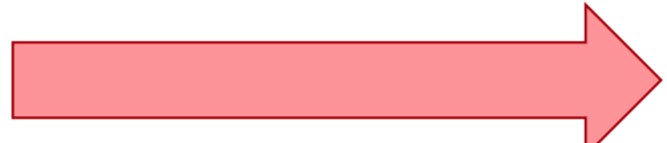
# Neuburg Siliceous Earth Floor Coating based on 2K Polyaspartic



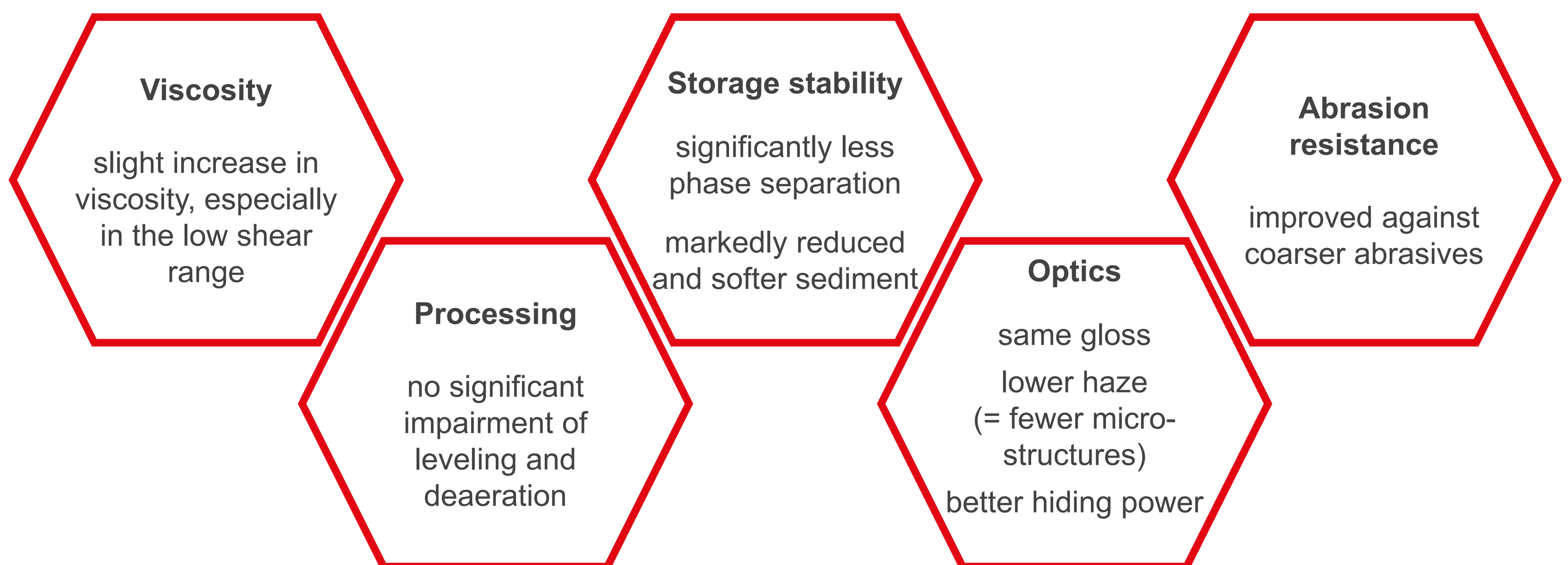
## Objective

Improving sedimentation, optical and mechanical properties without influence on processing.

## Formulation basics

Binders	Desmophen NH 1423 LF + Desmophen NH 1723 LF	
Hardener	Desmodur ultra N 31100	
Filler	Natural barium sulfate 25 pbw	
		<b>Neuburg Siliceous Earth</b> 15 pbw (replaced by volume)

## Results + Recommendation



	natural barium sulfate	Sillitin Z 89	Sillitin Z 89 puriss	Silfit Z 91	Aktifit AM
Viscosity	0	↑	↑	↑	↑
Sedimentation	0	++	++	++	++
Processability Deaeration / Leveling	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Optical properties Color, Hiding power	0 / 0	- / ++	- / ++	0 / ++	0 / ++
Gloss, Haze	0 / 0	0 / +	0 / +	0 / +	0 / +
Abrasion loss S 42	0	+	+	+	+
Remarks	strong and rapid sediment formation	slight yellow tint	easier to disperse than Sillitin Z 89	color neutral	color neutral, lowest abrasion loss