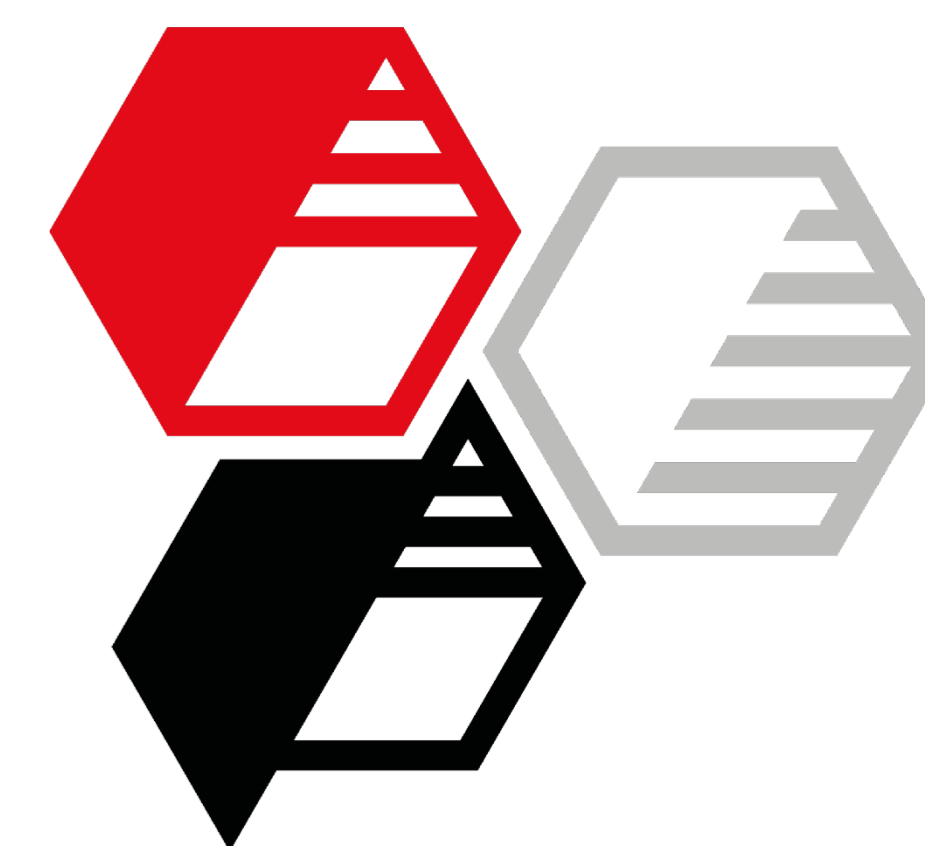


# Neuburg Siliceous Earth Floor Coating based on 2K Polyaspartic



## Objective

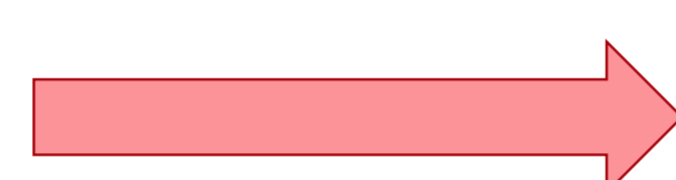
Improving sedimentation, optical and mechanical properties without influence on processing.

## Formulation basics

Binders Desmophen NH 1423 LF + Desmophen NH 1723 LF

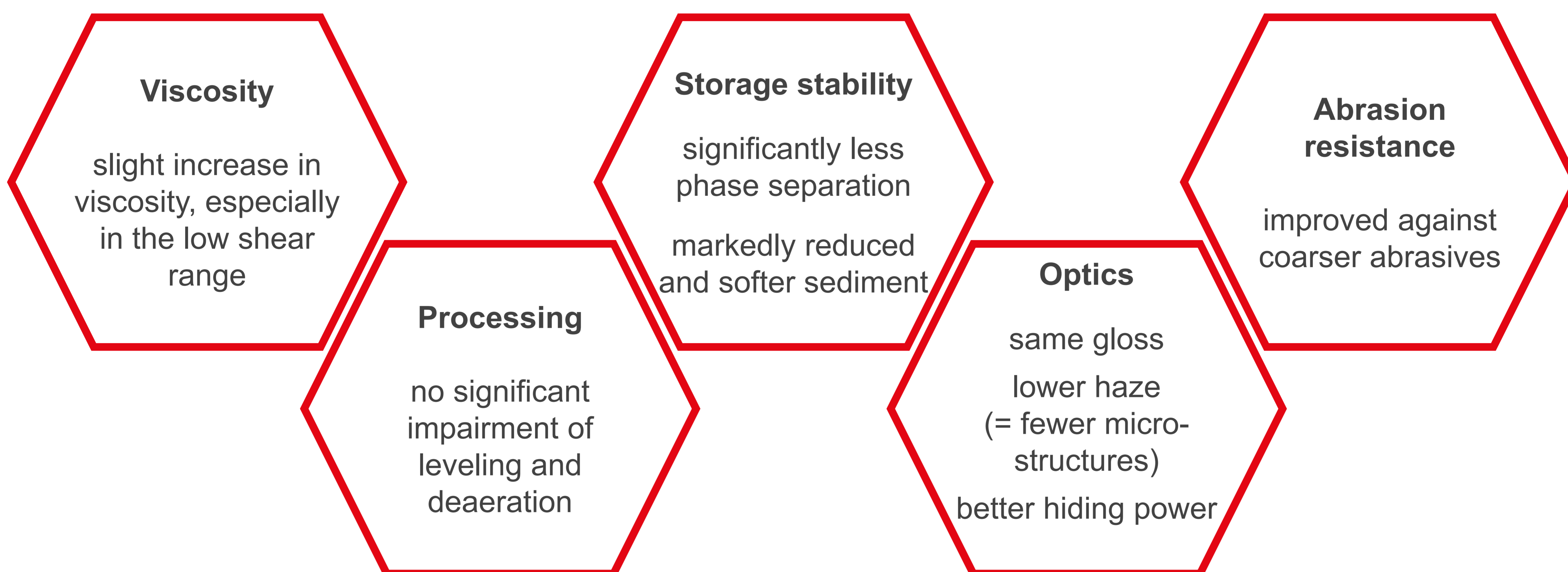
Hardener Desmodur ultra N 31100

Filler Natural barium sulfate  
25 pbw



**Neuburg Siliceous Earth**  
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 Gloss, Haze	0 / 0 0 / 0	- / ++ 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