CALCINED NEUBURG SILICEOUS EARTH IN WHITE-COLORED BUILDING PROFILES

FORMULATION

	in phr
Keltan 778 Z (crystalline) or Keltan 8340 A (amorphous)	100.00
Zinkoxyd aktiv	5.00
Stearic acid	0.50
Vulkanox HS/LG	0.75
Lipoxol 3000	2.00
Kronos 2222	15.00
Kezadol GR	10.00
Aflux 42	2.00
Trigonox 29/40 B pd	2 or 3, resp.
Perkadox 14/40 B pd	2 or 3, resp.
Rhenofit TRIM/S	1.00
Primol 352	45 – 95
Mineral Filler	200 - 400

Variations of Formula

	crystalline			amorphous	
	Control	Aktifit VM			
Calcined Clay	200	-	-	-	-
Aktifit VM	-	400	300	300	300
Primol 352	45	95	70	70	70
Trigonox 29/40 B pd	3	3	2	3	2
Perkadox 14/40 B pd	3	3	2	3	2

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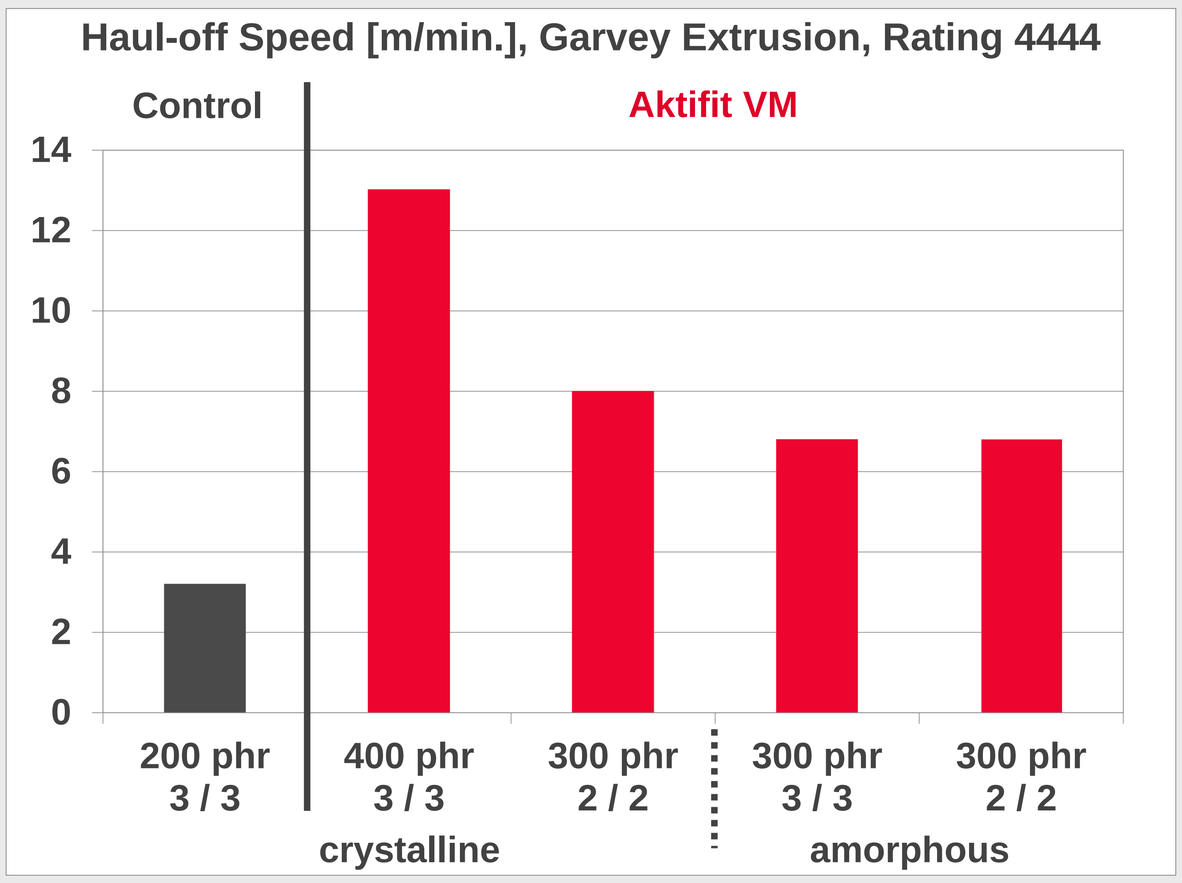
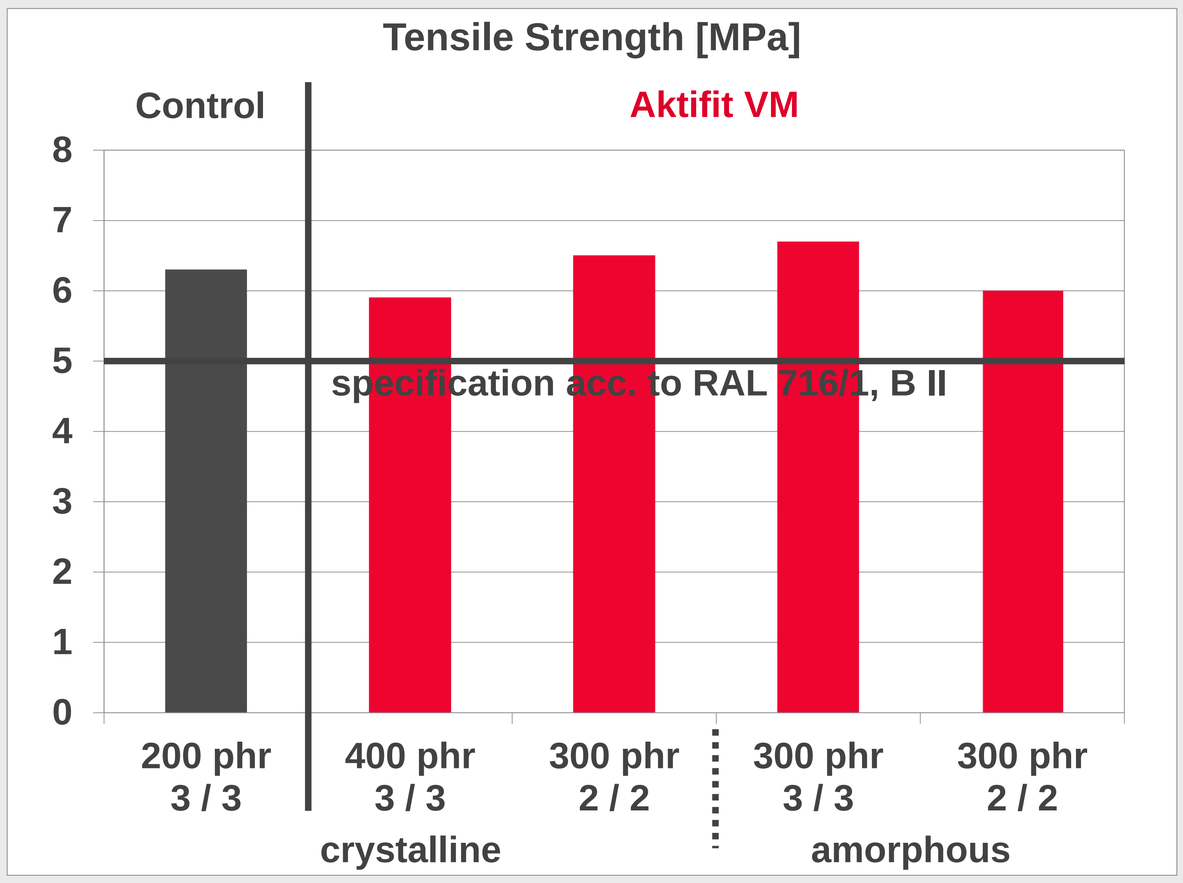
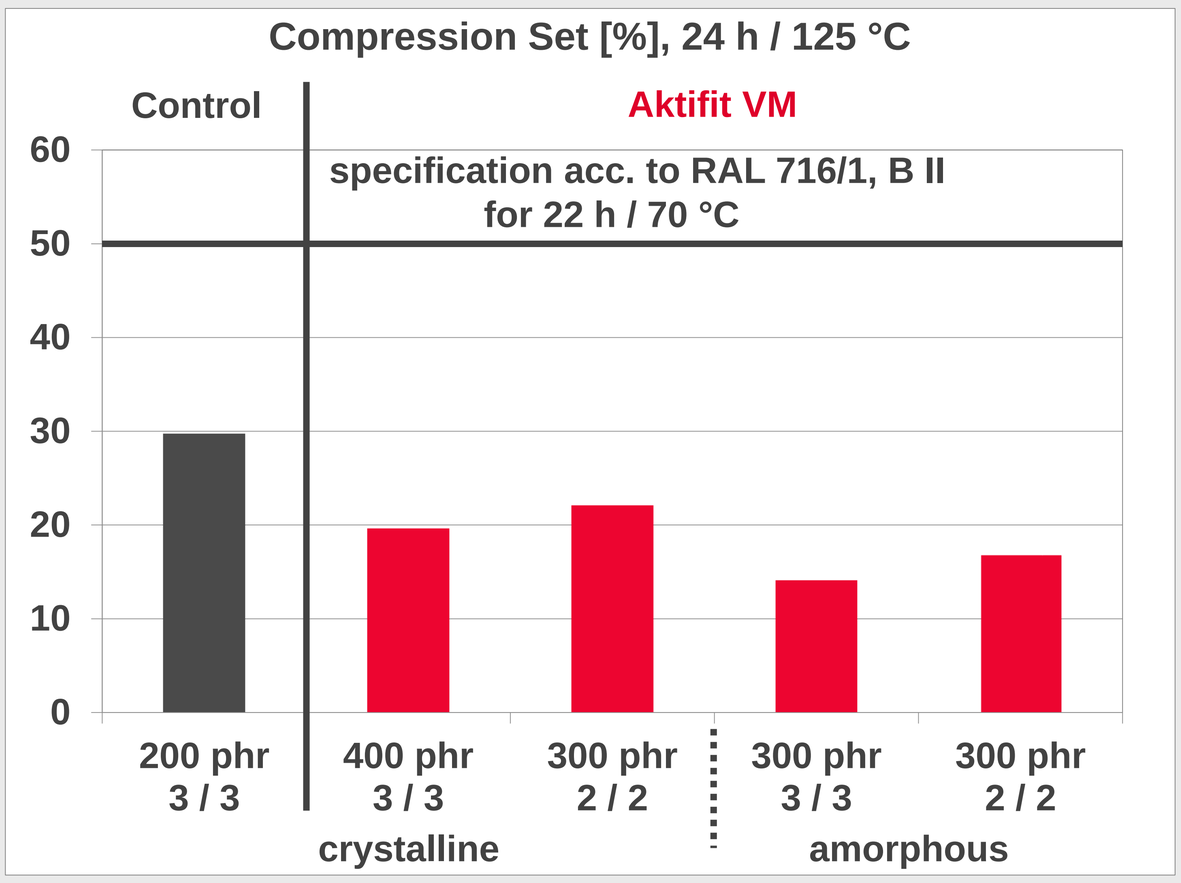
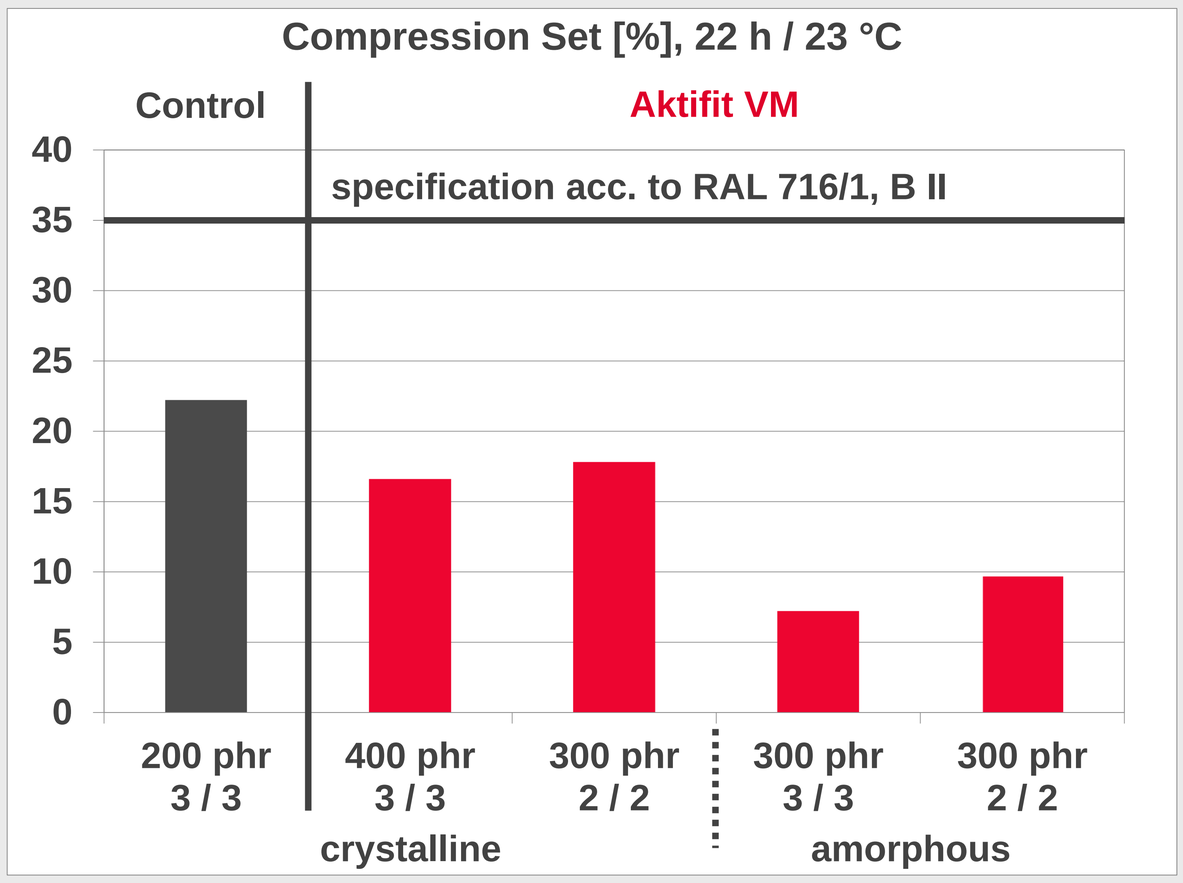
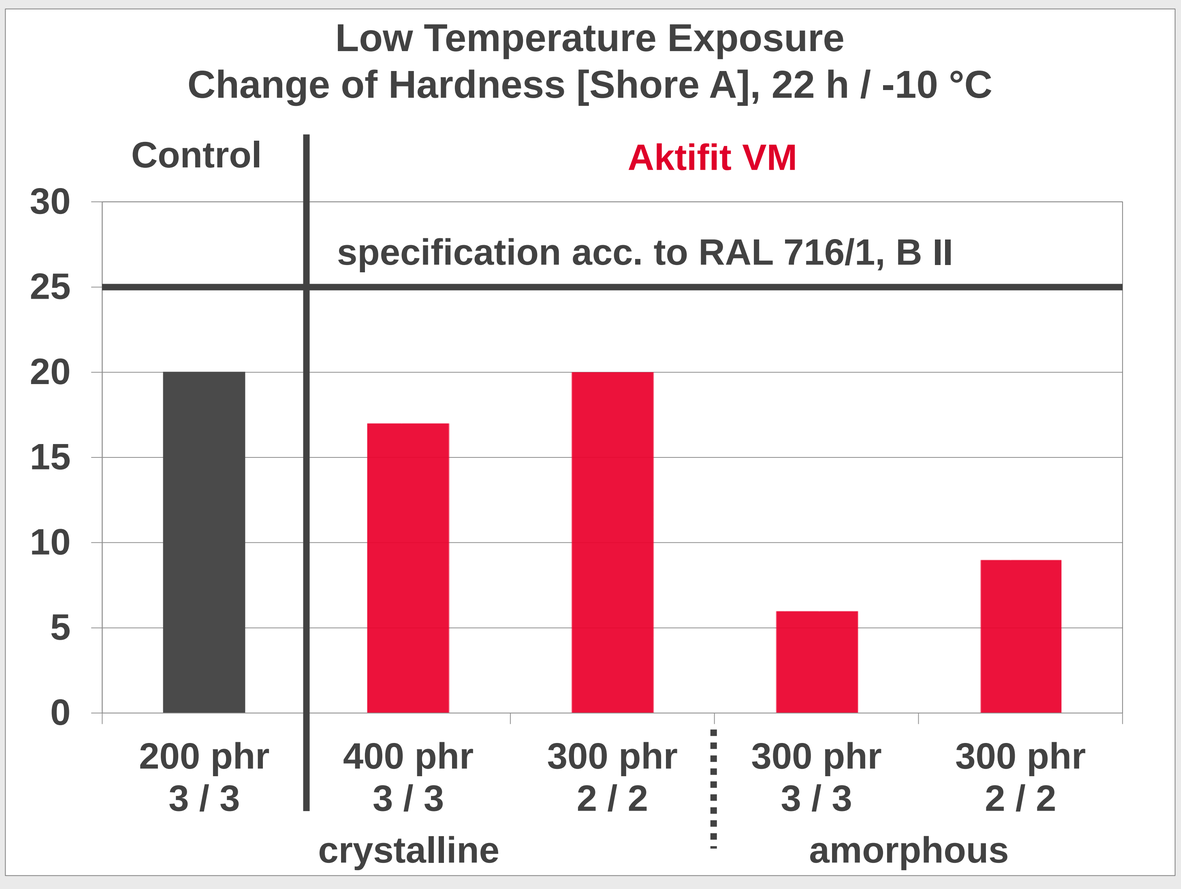
RESULTS











Advantages of compounds containing Aktifit VM compared to control compound with calcined clay despite a higher filler loading:

- lower compression set
- improvement of change of hardness after low temperature exposure
- markedly increased haul-off speed at equal extrudate quality
- higher color neutrality

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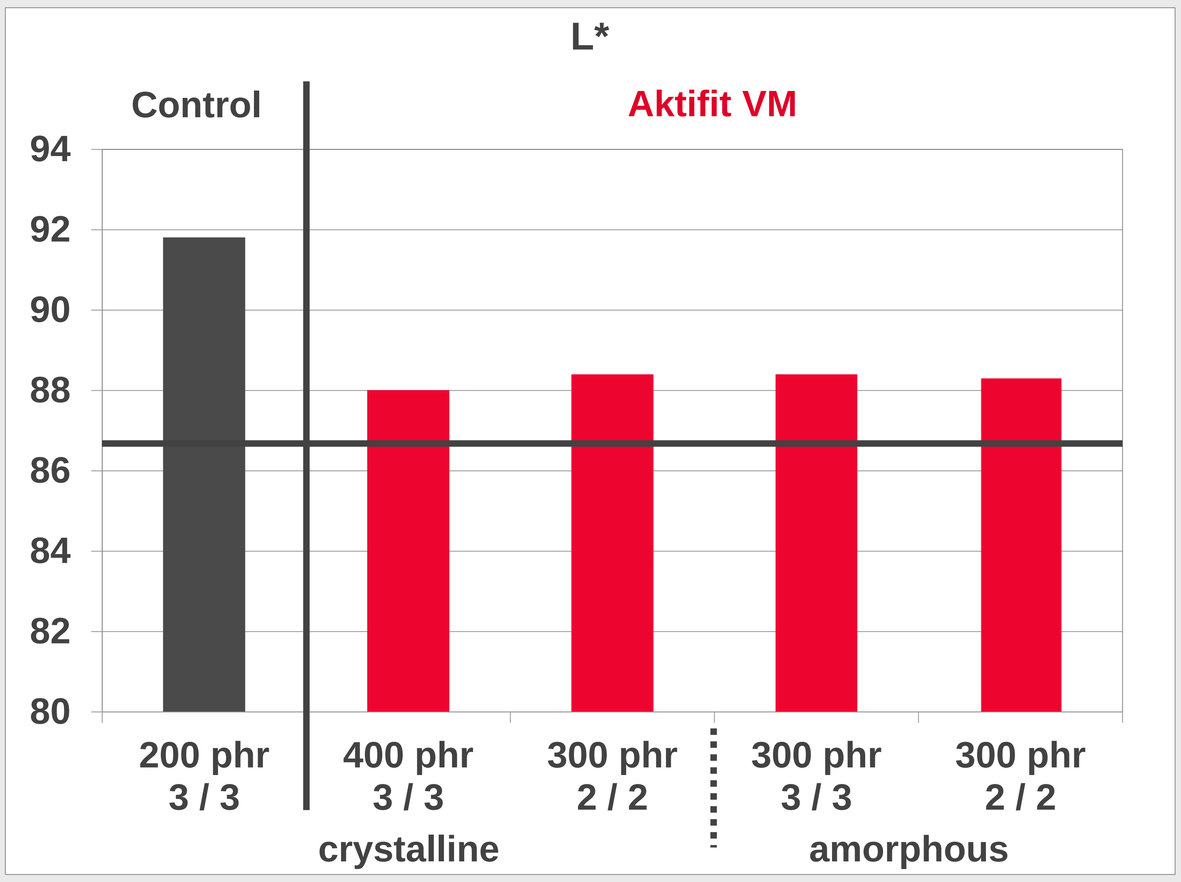
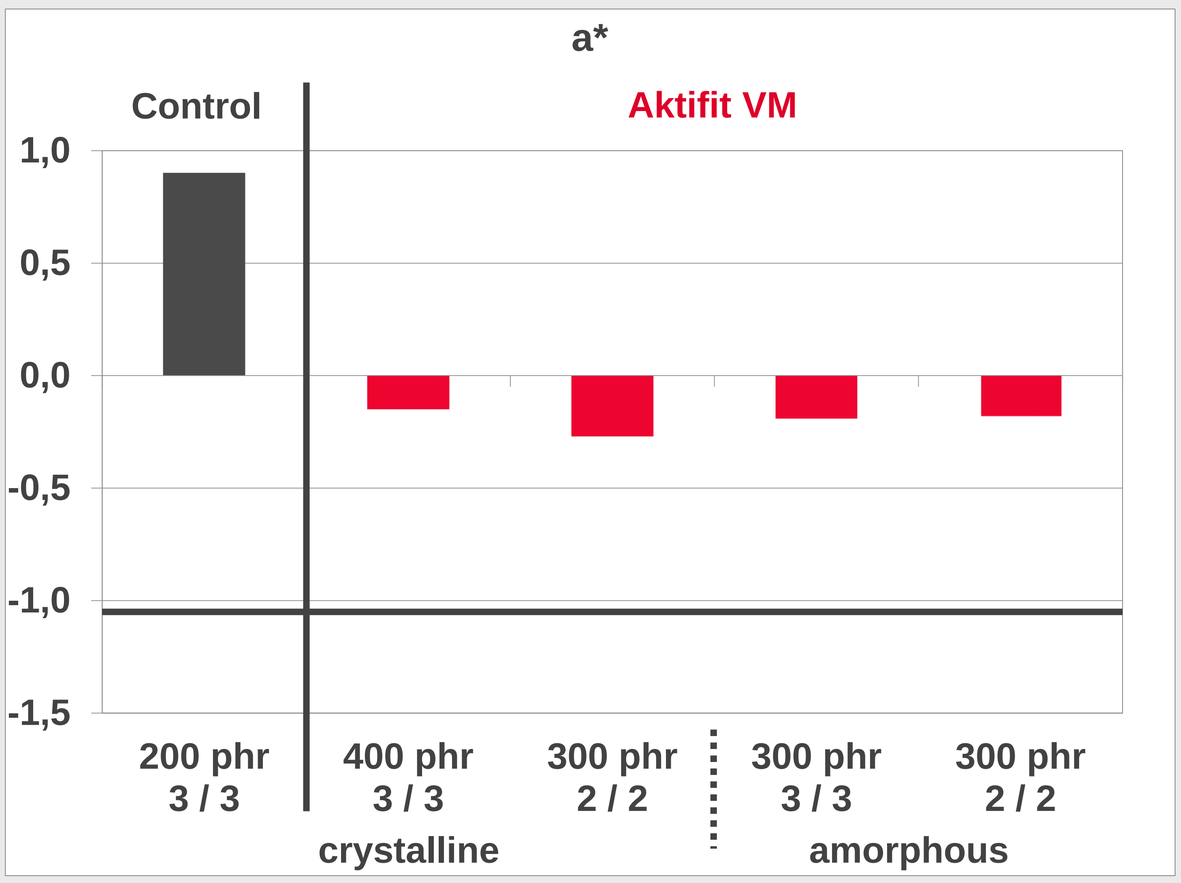
CALCINED NEUBURG SILICEOUS EARTH IN WHITE-COLORED BUILDING PROFILES

RESULTS

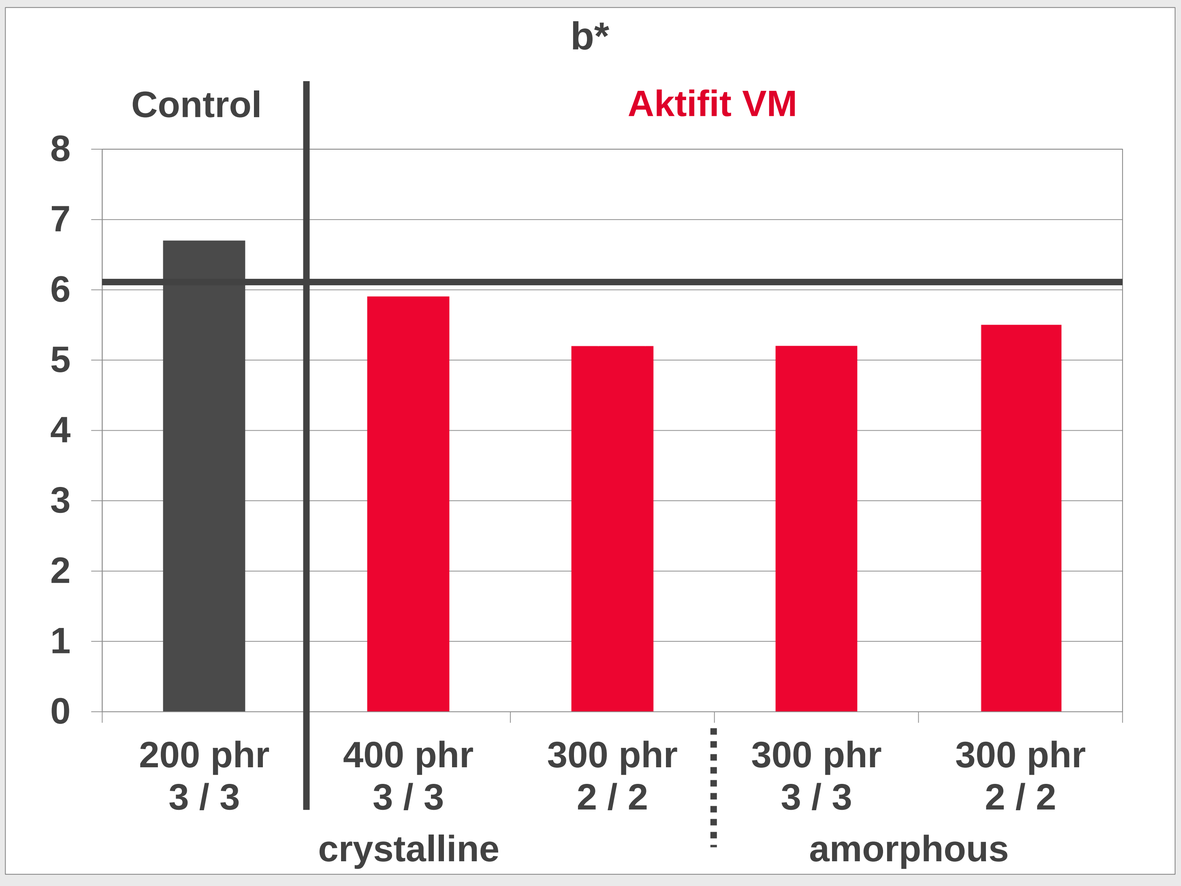
Color Values – Compared to Specification acc. to RAL 9002



with Aktifit VM higher approach to brightness value of RAL 9002



with Aktifit VM a slightly greenish tint instead of a reddish one



Despite higher filler loading, better color neutrality achieved with Aktifit VM

lower yellowish tint with Aktifit VM

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