

Finmatt - matting agents and surface effect additives



Matting agents

Description matting agents for hard or highly crosslinked coatings. Different particle sizes and matting efficiencies available

Benefits, remarks Chemical resistance comparable to Finmatt grades with soft polymer. Abrasion resistance and scratch resistance is higher

based on hard polymer

increasing particle size

Finmatt	183V	175V
Average particle size D50	4 µm ± 3 µm	8 µm ± 3 µm
Average particle size D90	approx. 8 µm	approx. 13 µm
Feel	silky/smooth	silky/smooth
Matting efficiency	medium	medium
Finmatt	170V	164V
Average particle size D50	5 µm ± 3 µm	8 ± 3 µm
Average particle size D90	approx. 8 µm	approx. 13 µm
Feel	silky/smooth	silky/smooth
Matting efficiency	medium/high	medium/high
Finmatt	152V	
Average particle size D50	7.5 ± 3 µm	
Average particle size D90	approx. 12 µm	
Feel	silky/smooth	
Matting efficiency	high	

Surface effect additives

Description matting agents for soft-touch or anti-slip surfaces. Not used to increase the soft touch effect, but to best retain the soft touch given by the binder

Benefits, remarks Chemical resistance comparable to Finmatt grades with harder polymer. Abrasion resistance is lower, because of the higher friction of the soft polymer

based on soft polymer

increasing particle size

Finmatt	174V	176V	173V
Average particle size D50	8 ± 3 µm	16 ± 3 µm	27 ± 5 µm
Average particle size D90	approx. 14 µm	approx. 30 µm	approx. 46 µm
Feel	very soft/flexible	very soft	very soft/rubbery
Matting efficiency	medium	medium	medium
Finmatt	177V		
Average particle size D50	9.7 ± 3 µm		
Average particle size D90	approx. 18 µm		
Feel	soft/flexible		
Matting efficiency	medium/high		
Finmatt	121V	151V	
Average particle size D50	8 ± 3 µm	9 µm ± 3 µm	
Average particle size D90	approx. 15 µm	approx. 20 µm	
Feel	medium soft	medium soft	
Matting efficiency	high	high	

Description matting and surface texturing agents with different mean particle sizes for different dry film thicknesses. Especially high chemical resistance

Benefits, remarks High abrasion resistance, marking resistance and surface washability (wall paints, construction coatings etc.)

based on hard polymer - best chemical resistance

increasing particle size

Finmatt	171V	172V	167V	166V
Average particle size D50	15 ± 3 µm	18 ± 3 µm	30 ± 5 µm	43 ± 6 µm
Average particle size D90	approx. 26 µm	approx. 33 µm	approx. 54 µm	approx. 77 µm
Feel	smooth/finely textured	finely textured/improved grip	textured/improved grip	textured/high grip
Matting efficiency	medium	medium	medium	medium

