MICRO POWDERS, INC.
Specialty Wax Additives and Fine Powders

Industrial Floor Coatings

Coatings for industrial flooring require unique surface properties which include COF and gloss control, scuff and abrasion resistance, and water repellency. Micro Powders has the broadest range of polymeric additives for walking surfaces, including fine-to-coarse polypropylene powders that impart anti-skid effects while providing a range of durable surface texturing.

Recommended Products

Typical Properties

(Selector Guide on reverse side)

Product	Melt Point (°C)	Density (g/cc@25°C)	Mean Particle Size (µm)	Max. Particle Size (µm)
AquaBead 519	126 - 132	0.94	6.0 - 8.0	22.00
AquaBead 525E	60	1.00	Sub-micron aqueous emulsion	
MicroMatte 1213 UVW	150 - 156	1.07	5.0 - 7.5	22.00
MicroTouch Series	N/A	1.05	Available from 5.0-35.0 µm mean	
MPP-123	110 - 113	0.93	9.5 - 12.5	31.00
MPP-123AL	110 - 113	0.97	9.5 - 12.5	31.00
NatureMatte 31	170 - 180	1.25	7.5 - 10.5	31.00
NatureMatte C44	-	1.46	10.0 - 15.0	44.00
NatureTex Series	>230	1.30	Range available (140-325 mesh)	
NyloTex Series	257 - 267	1.14	Wide range available (50-200 mesh)	
Polyfluo 190	108 - 112	0.98	9.0 - 12.0	31.00
PolyTuf 1229	110 - 113	0.97	9.0 - 12.0	31.00
PropylMatte 31	160 - 170	0.89	8.0 - 12.0	31.00
PropylMatte 31HD	160 - 170	1.07	8.0 - 12.0	31.00
PropylMatte 500	142 - 148	0.90	5.0 - 8.0	22.00
PropylTex Series	160 - 170	0.89	Wide range available (14-325 mesh)	
PropylTex HD Series	160 - 170	1.07	Range available (200-325 mesh)	

Industrial Floor Coatings
Selector Guide

● Extremely Effective ◒ Very Effective ○ Effective

Availabile as a Waterborne Dispersion

Product	Description	Suggested Use Level	Recommended System Type*	Suitable Floor Type			Texture	Anti-Skid	Matting and Gloss Control	Block Resistance	Abrasion & Scratch Resistance	Scuff & Heel Mark Resistance	Resistance to Hot Tire Pick up	Water Repellency/Beading	Cleanability	Soft Touch	Granite Effect	Film Clarity	In-Can Stability	PTFE Alternative	Natural/Naturally Derived
				Wood	Concrete	Laminate															
AquaBead 519	Hydrophobically modified synthetic wax	1.0 - 4.0%	W,S	✓	✓							○		◒	○						
AquaBead 525E	Paraffin/carnauba wax emulsion	2.0 - 10.0%	W	✓	✓									●	◒			◒			
MicroMatte 1213 UVW	Densified modified polypropylene	2.0 - 5.0%	W,UV	✓		✓			◒	●	◒	◒		○	○	○		◒	◒		
MicroTouch Series	Aliphatic polyurethane	2.0 - 8.0%	W,UV	✓		✓	○		○			◒				●					
MPP-123	Low density polyethylene	1.0 - 2.0%	W,S,UV	✓	✓	✓					○	◒	○		○						
MPP-123AL	Polyethylene/Aluminum oxide	0.5 - 1.5%	W,S,UV	✓	✓	✓					●	●	○		○					●	
NatureMatte 31	Poly(hydroxybutyrate-co-hydroxyvalerate)	3.0 - 10.0%	W,S,UV	✓	✓	✓		●	●	◒	○	○							○		●
NatureMatte C44	Cellulose	2.0 - 5.0%	W,S,UV	✓	✓	✓			●							○		●	●		●
NatureTex Series	Cellulose Acetate	2.0 - 5.0%	W, UV	✓		✓	●	○	◒		◒	◒	○		○				◒		●
NyloTex Series	Polyamide (Nylon 66)	3.0 - 10.0%	W,S		✓		●	●			●										
Polyfluo 190	Polyethylene/PTFE	0.5 - 1.5%	W,S,UV	✓	✓	✓				●	●	●	◒		◒				◒		
PolyTuf 1229	Ceramic modified polyethylene	0.5 - 2.0%	W,S,UV	✓	✓	✓		○		◒	●	●	◒		◒				◒	●	
PropylMatte 31	Polypropylene	2.0 - 5.0%	S,UV	✓	✓	✓		◒	●		○	◒	○		◒	○					
PropylMatte 31HD	Densified polypropylene	2.0 - 5.0%	W,UV	✓	✓	✓		◒	●		○	◒	○		○	○			●		
PropylMatte 500	Polypropylene	2.0 - 5.0%	S,UV	✓		✓			◒	○	◒	○			○	○		◒			
PropylTex Series	Polypropylene	3.0 - 10.0%	S,UV		✓		●	●	◒		○	○	○		○					●	
PropylTex HD Series	Densified polypropylene	3.0 - 10.0%	W,UV	✓	✓	✓	●	●	◒		○	○	○		○				●	●	

* W = Water, S = Solvent, UV = Ultraviolet

MICRO POWDERS, INC.

580 White Plains Road, Tarrytown, NY 10591 | T: 914.793.4058 | micropowders.com | email: info@micropowders.com

R-12/24