MPI Micro Powders

Architectural Coatings

The performance demands of today's modern interior and exterior architectural coatings can be achieved with a wax additive that provides effective gloss control, enhanced burnish resistance, improved soil release, and superior in-can stability. Micro Powders' products can enhance these properties while also improving water repellency, scratch resistance and adding a smooth surface feel.

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 R331E	80	1.00	Sub-micron aqueous emulsion	
AquaBead 519	126 - 132	0.94	5.5 – 8.0	22.00
AquaBead 525E	60	1.00	Sub-micron aqueous emulsion	
AquaMatte 26HD	105 - 111	1.08	6.0 - 8.0	26.00
AquaPoly 215	102 - 114	0.94	9.0 - 11.0	31.00
Aquawax 214	98 - 102	0.96	9.0 - 11.00	31.00
MicroMatte 1011UVW	150 - 156	1.07	5.0 - 7.5	22.00
MicroMatte 1415-EZ	136 -140	1.06	10.0 - 15.0	44.00
Micropro 400	140 - 143	0.94	4.5 - 7.5	22.00
MicroTouch Series	-	1.05	Available from 5 µm - 35 µm mean	
MP-22	110 - 115	0.99	10.0 - 14.0	44.00
MP-28AL-G	104 - 110	0.99	6.0 – 8.0	22.00
MPP-123AL	110 - 113	0.97	9.5 - 12.5	31.00
NatureFine R331	77 - 82	0.96	6.0 - 10.0	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 mesh - 325 mesh)	
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
PropylTex Series	160 - 170	0.89	Wide range available (14 mesh - 325 mesh)	
PropylTex HD Series	160 - 170	1.07	Range available (200 mesh - 325 mesh)	

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Selector Guide

● Extremely Effective ◒ Very Effective ○ Effective

💧 Availabile as a Waterborne Dispersion

Product	Description	Suggested Use Level	Recommended System Type*	Interior/ Exterior	Burnish Resistance	Matting and Gloss Control	Block Resistance	Resistance to Dirt Pick Up	Cleanability	Water Repellency/Beading	Scratch and Mar Resistance	Texture	Lubricity and Smooth Feel	Soft Touch	Heel Mark Resistance	Anti-Skid	Film Clarity	In-Can Stability	Gloss Retention	Natural/Naturally Derived
AquaBead R331E	Rice bran wax emulsion	3.0 - 10.0%	W	I,E	○		●	◒	●	●	◒		●				●	●	●	●
💧 AquaBead 519	Hydrophobically modified synthetic wax	1.0 - 4.0%	S	E			○	◒	○	●										
AquaBead 525E	Paraffin/carnauba wax emulsion	2.0 - 10.0%	W	E				◒	○	●							◒		◒	
AquaMatte 26HD	Densified oxidized polyethylene	1.0 - 2.0%	W	I,E	◒	●	◒	●	●		◒		◒					●		
💧 AquaPoly 215	Oxidized polyethylene	1.0 - 2.0%	W	I			◒		○		◒		○							
💧 Aquawax 214	Oxidized synthetic wax	1.0 - 2.0%	W	I			◒		○		◒		○							
MicroMatte 1011 UVW	Densified modified polypropylene	2.0 - 5.0%	W,S	I	●	◒	◒	●	●		◒		◒	○				◒		
MicroMatte 1415-EZ	Modified synthetic wax	1.0 - 4.0%	W	I,E	●	●	◒	●	◒		◒		◒							
Micropro 400	Modified polypropylene	2.0 - 4.0%	S	E	◒	◒	◒	○	○	◒	◒		○							
MicroTouch Series	Aliphatic polyurethane	2.0 - 8.0%	W	I	●	◒						○	◒	●		◒	○	◒		
💧 MP-22	Synthetic wax	1.0 - 2.0%	W,S	I,E			◒		○	◒	◒		○				○			
💧 MP-28AL-G	Synthetic wax/Aluminum oxide	1.0 - 4.0%	W,S	I,E	◒	●	◒	○	◒	○	●	○	◒		◒			○		
💧 MPP-123AL	Polyethylene/Aluminum oxide	0.5 - 1.5%	W,S	I,E	◒		●		○		●				◒	○				
💧 NatureFine R331	Rice bran wax	1.0 - 2.0%	W,S	I,E	●	●		○	○		●									●
💧 NatureMatte 31	Poly(hydroxybutyrate-co-hydroxyvalerate)	2.0 - 5.0%	W,S	I,E	●	●	○	○	○				○			○		◒		●
NatureMatte C44	Cellulose	2.0 - 5.0%	W,S	I,E	●	●								◒			●	●		●
NatureTex Series	Cellulose Acetate	2.0 - 5.0%	W,S	I,E	●	●	◒	○	◒		●	●				◒		◒		●
💧 PolyTuf 1229	Ceramic Modified Polyethylene	0.5 - 2.0%	W,S	I,E	●	◒	●	●	◒		●		◒	○				○		
💧 PropylMatte 31	Polypropylene	2.0 - 5.0%	W,S	I,E	●	●		◒	◒				○	○		○				
💧 PropylMatte 31HD	Densified polypropylene	2.0 - 5.0%	W	I,E	●	●		◒	◒				○	○		○		●		
PropylTex Series	Polypropylene	3.0 - 10.0%	W,S	I,E	◒	●						●		○		●				
PropylTex HD Series	Densified polypropylene	3.0 - 10.0%	W	I,E	◒	●						●		○		●		●		

* W = Water, S = Solvent

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