



Wood Coatings

The natural beauty of a coated wood surface can be protected and enhanced with additives that improve scratch and mar resistance, add lubricity, and impart a smooth surface feel. Micro Powders' products can enhance these properties while providing texture, gloss reduction, water beading, and more.

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	
AquaPoly 511	117 - 123	0.97	6.0 - 8.0	22.00
AquaSuperslip 6550	124 - 135	0.97	6.0 - 7.5	22.00
MicroKlear 418AL	81 - 86	1.04	6.0 - 8.0	22.00
MicroMatte 1213UVW	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
Micropro 500	141 - 143	0.95	4.5 - 7.5	22.00
MicroTouch 800XF	N/A	1.05	6.0 - 9.0	31.00
MicroTouch 850XF	N/A	1.02	5.0 - 9.0	31.00
MP-22XF	110 - 115	0.93	4.5 - 6.5	22.00
MP-28AL	104 - 110	0.99	6.0 - 8.0	22.00
MPP-611AL	110 - 116	0.99	3.5 - 5.5	15.56
MPP-620VF	120 - 124	0.96	5.0 - 7.0	22.00
NatureFine R331	77 - 82	0.97	6.0 - 10.0	31.00
NatureMatte 31	170 - 180	1.25	7.5 - 10.5	31.00
NatureMatte C44	>260 (Chars)	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	31.11
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)	
Spherex 200XF	-	1.20	5.5 - 6.5	8.00
SuperGlide 904	138 - 145	0.96	4.0 - 6.0	22.00
SuperGlide 1231	141 - 146	1.00	5.0 - 8.0	22.00
Superslip 6515	139 - 145	0.96	6.0 - 8.0	22.00
Superslip 6515AL	139 - 145	0.99	3.5 - 5.5	15.56
Superslip 6515AL-EZ	139 - 145	0.99	3.5 - 5.5	15.56
Superslip 6530	124 - 135	0.97	6.0 - 7.5	22.00

Wood Coatings Selector Guide

- Extremely Effective ◐ Very Effective ○ Effective
- 💧 Available as a Waterborne Dispersion

Product	Description	Suggested Use Level	Recommended System Type*	Scratch & Mar Resistance	Lubricity & Smooth Feel	Soft Touch	Block Resistance	Matting & Gloss Control	Burnish Resistance	Texture	Water Repellency/beading	Sanding Efficiency	Gloss Retention	Clarity	PTFE Alternative	Natural/Naturally Derived
AquaBead R331E	Rice bran wax emulsion	3.0 - 10.0%	W	◐	◐		◐				●		○	○		●
💧 AquaBead 519	Hydrophobically modified synthetic wax	1.0 - 4.0%	W,S								●					
AquaBead 525E	Paraffin/carnauba wax emulsion	2.0 - 10.0%	W								●		◐	○		◐
AquaPoly 511	Modified oxidized polyethylene	0.5 - 2.0%	W,S	◐	◐		◐		◐				◐		●	
💧 AquaSuperslip 6550	Modified oxidized polyethylene/Amide	0.5 - 2.0%	W	●	●		●					◐			●	
💧 MicroKlear 418AL	Carnauba/Aluminum oxide	1.0 - 3.0%	W,S	●	●		○				○		◐	◐	●	●
💧 MicroMatte 1213UVW	Densified modified polypropylene	2.0 - 4.0%	W,S				●	●	●							
MicroMatte 1415-EZ	Modified synthetic wax	2.0 - 4.0%	W	◐	◐		◐	●	●							
Micropro 400	Modified polypropylene	2.0 - 4.0%	W,S	◐			●	◐	◐		◐	○				◐
Micropro 500	Modified polypropylene	2.0 - 4.0%	W,S	◐			●	◐	◐			○				◐
MicroTouch 800XF	Aliphatic polyurethane	1.0 - 10.0%	W,S	●		●		●		○						
MicroTouch 850XF	Modified aliphatic polyurethane	1.0 - 10.0%	W,S	●		●		●		○						
MP-22XF	Synthetic wax	1.0 - 3.0%	W,S	○	○						●		◐			◐
💧 MP-28AL	Synthetic wax/Aluminum oxide	1.0 - 3.0%	W,S	◐	○						●		◐		●	
💧 MPP-611AL	Polyethylene/Aluminum oxide	0.5 - 1.5%	W,S	●	◐								●	◐	●	
💧 MPP-620VF	High density polyethylene	0.5 - 1.5%	W,S	◐									◐	◐		
💧 NatureFine R331	Rice bran wax	1.0 - 3.0%	W,S	●	◐	○	◐	◐	●							●
💧 NatureMatte 31	Poly(hydroxybutyrate-co-hydroxyvalerate)	1.5 - 5.0%	W,S	◐	◐	◐	○	●	●							●
NatureMatte C44	Cellulose	2.0 - 5.0%	W,S			◐		●	●					●		●
NatureTex Series	Cellulose acetate	2.0 - 5.0%	W,S	○		○		◐	●	●						◐
💧 PolyTuf 1229	Ceramic modified polyethylene	0.5 - 2.0%	W,S	●	◐		○	●	●							●
💧 PropylMatte 31	Polypropylene	1.0 - 5.0%	S			○	◐	●	◐			○				
💧 PropylMatte 31HD	Densified polypropylene	1.0 - 5.0%	W			○	◐	●	◐							
PropylTex Series	Polypropylene	3.0 - 10.0%	S			○		◐		●						
PropylTex HD Series	Densified Polypropylene	3.0 - 10.0%	W			○		◐		●						
Spherex 200XF	Acrylic	0.5 - 8.0%	W,S	●				●						●	◐	
SuperGlide 904	Synthetic wax/Ethylene bis(stearamide)	0.5 - 3.0%	W,S		●	◐	◐		●			◐	◐		◐	○
SuperGlide 1231	Ceramic modified Ethylene bis(stearamide)	0.5 - 3.0%	W,S	●	●		◐		◐			●			●	●
Superslip 6515	Polyethylene/Ethylene bis(stearamide)	0.5 - 3.0%	W,S		○		◐		●			●			●	○
💧 Superslip 6515AL	HDPE/Amide wax/Aluminum oxide	0.5 - 1.5%	W,S	●	●	◐	◐		●			◐	●	◐	●	○
Superslip 6515AL-EZ	Surface treated HDPE/EBS/Aluminum oxide	0.5 - 1.5%	w	●	●	◐	◐		●			◐	●	◐	●	○
Superslip 6530	Polyethylene/Ethylene bis(stearamide)	0.5 - 3.0%	W,S		◐		◐		●			●			●	○

* W = Water, S = Solvent