



MICRO POWDERS, INC.
High Performance Wax Additives

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 | |
| MicroGranite 100 | 115 - 120 | 0.99 | 85.0 - 115.0 | 150.00 |
| 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 |
| NatureTex Series | >230 | 1.30 | Range available (200-325 mesh) | |
| NyloTex Series | 257 - 267 | 1.14 | Wide range available (50-200 mesh) | |
| Polyfluo 190 | 121 - 132 | 0.98 | 9.0 - 12.0 | 31.00 |
| Polyfluo 900 | 121 - 132 | 1.02 | 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 31SA | 160 - 170 | 1.02 | 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

♠ Available 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 | No Silica Dust | 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 | ✓ | ✓ | | | | | | | | | ● | ◐ | | | ◐ | | | |
| MicroGranite 100 | Pigmented polyolefin | 2.0 - 10.0% | W,S | | ✓ | | ◐ | | | | ○ | ○ | | | | | ● | | ◐ | | |
| ♠ MicroMatte 1213 UWW | 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/Alumina | 0.5 - 1.5% | W,S,UV | ✓ | ✓ | ✓ | | | | | ● | ● | ○ | | ○ | | | | | | |
| ♠ NatureMatte 31 | Poly(hydroxybutyrate-co-hydroxyvalerate) | 3.0 - 10.0% | 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 | ✓ | ✓ | ✓ | | | | ● | ● | ● | ◐ | | ◐ | | | | ◐ | | |
| ♠ Polyfluo 900 | Ceramic modified polyethylene/PTFE | 0.5 - 1.5% | W,S,UV | ✓ | ✓ | ✓ | | | | ◐ | ◐ | ● | ◐ | | ◐ | | | | ◐ | | |
| PropylMatte 31 | Polypropylene | 2.0 - 5.0% | S,UV | ✓ | ✓ | ✓ | | | ○ | ● | | ○ | ○ | | ◐ | ○ | | | | | |
| ♠ PropylMatte 31HD | Densified polypropylene | 2.0 - 5.0% | W,UV | ✓ | ✓ | ✓ | | | ○ | ● | | ○ | ◐ | ○ | ○ | | | | ● | | |
| ♠ PropylMatte 31SA | Densified polypropylene/PTFE | 1.0 - 5.0% | W,S,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



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