
Mastercoat AQ-165

Aqueous Gloss Coating



Description

Mastercoat AQ-165 is formulated for application on paper and paperboard with in-line blanket coaters, flexo presses and flexo/gravure type coaters for lightweight stocks. It has good dry speed, flow and leveling, rub and block resistance. It is specifically designed for applications where curl resistance is a priority.

Features and Benefits

- * Curl resistant.
- * Good dry speed.
- * Good flow and leveling.
- * Good rub and block resistance.

Technical Specifications

Flash Point (°F TCC)	> 200
pH	8.0 – 9.0
Weight/Gallon	8.76
Gloss	15-35 points over stock, depending on porosity
Rub Resistance	8/10
Slip (face to face)	19-25 degrees
COF (face to face)	.30-.38
Block Resistance (face to face)	Pass 12F x 24 Hr, 100% RH
Gluing, Stamping	Suitable with some glues and foils. TEST FIRST!
UV Primer	
Viscosity (#3 Signature Zahn Cup)	18-23" #3 (Signature brand)
Inks	Coatable inks only
Dilution	1% water will reduce viscosity 4" #3 Zahn
Wet Film Weight	3-6 micron
Percent Solids	45.0 +/- 2.0
Shelf Life	12 months, 6 after opening
Freeze/Thaw Stability	1 cycle
Drying	Pile 105F 1st side, 95 F second
Clean-up	Warm water or water + ammonia

Directions

Mix before use and check viscosity. Add water or 50/50 blend of water/IPA under agitation to reduce coating viscosity.

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