

Technical Information

Starkote AQ-5011 Aqueous Coating

Characteristics	Matte, Soft Feel 5-10° Gloss Increase Wetting & Flow Unique Soft Feel Simulates Matte Lamination
Work & Turn	Yes
Substrate	Paper / Board
Application	Litho, Flexo, Gravure
Equipment	Tower, Blanket, Dampener & Anilox Coaters
VOC's	.55 Lbs. per Gallon
Drying Speed	Moderate
Viscosity	19-23 seconds in #3 Zahn Cup @ 74°F
Solids	35% ± 3%
Weight per Gallon	8.7 ± 0.1 Lbs. per Gallon
Special Properties	Block Resistance 2 PSI / 150°F / 16 Hours Slide Angle of 22° ± 2° Glueable with Fiber Tear Face to Back Rub Resistance 75 Cycles / 150 Rubs with Sutherland Rub Test-4.0 Lb. Wt.
Cleaning	Please clean machine and tools immediately with water Clean dried film with Aqueous Coating Cleaner
Storage	Store in original packaging at 41°F to 86°F
Notes	When first starting up with AQ-5011 the coating system should be flushed with AQ-5011 to prevent any contamination and drop in viscosity from previous coatings. AQ-5011 must be tested for compatibility with inks and substrate before use. Performance Characteristics will vary depending upon coating film weight, substrate porosity and type of litho ink used. Aqueous coatings have the potential to fade inks that are not alkali resistant. Reflex blue, rhodamines and fluorescent pigments are susceptible to color shift or bleeding and should be made with fade resistant pigments to prevent potential color shifting. Please consult with your ink manufacturer to ensure the correct inks and pigments are selected to use with aqueous coatings. Inks should be wax and silicone free to promote intercoating adhesion.

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