

**Technical Information**

## Starkote AQ-3020 Aqueous Coating

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|---------------------------|---|
| <b>Characteristics</b>    | Matte - 20° Gloss with 60° Gloss Meter<br>Smooth; Excellent Resolubility<br>Capable of Creating Matte Contrast when used with Aqueous or UV Coatings<br>Versatile to Allow Over-Coating, UV Coating or Foil Stamping  |
| <b>Work &amp; Turn</b>    | Yes   |
| <b>Substrate</b>          | Paper / Board   |
| <b>Application</b>        | Litho, Flexo, Gravure   |
| <b>Equipment</b>          | Tower, Blanket, Dampener & Anilox Coaters   |
| <b>VOC's</b>              | .14 Lbs. per Gallon   |
| <b>Drying Speed</b>       | Fast  |
| <b>Viscosity</b>          | #3 Zahn Cup in Seconds @ 74°F <sup>1</sup> 15-18 <sup>2</sup> 19-22 <sup>3</sup> 23-26  |
| <b>Solids</b>             | 38% ± 3%  |
| <b>Weight per Gallon</b>  | 8.7 ± 0.1 Lbs. per Gallon   |
| <b>Special Properties</b> | Block Resistance 2 PSI / 180°F / 16 Hours<br>Slide Angle of 22° ± 2°<br>Glueable with Fiber Tear Face to Back<br>Rub Resistance 100 Cycles / 200 Rubs with Sutherland Rub Test-4.0 Lb. Wt.  |
| <b>Cleaning</b>           | Please clean machine and tools immediately with water<br>Clean dried film with Aqueous Coating Cleaner  |
| <b>Storage</b>            | Freeze Thaw Stability – 1 Cycle<br>Store in original packaging  |
| <b>Notes</b>              | 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 and must be tested for compatibility with inks and substrate before use. 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. Please contact your local ACTEGA Kelstar representative for additional information. |

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