ACTEGA

Technical Data Sheet

ACTGreen® Barrier Ctg AQ2149000-2 OB
Aqueous gloss barrier top coat

Product Description

Aqueous gloss barrier top coat for food packaging on inside or outside of the package, contains Optical Brightener

General Information	
Product Type	Coatings
Product Technology	Water based
Field Of Application	Paperbased Packaging, Barrier: FastFood, Barrier: Laundry/HomeCare, Barrier: Confect, Folded Boxes-Dry Food/Dry Beverages/Baby Food, Folded Boxes-Frozen Food/Dairy products
Properties	Good printability, good adhesion, Good water resistance, good Cobb values, Proves in practice to be suitable as coating for the later counter glueing., Temporary barrier against oil, fat and water, The coating contains optical brightener.
Optic	Glossy

Properties

Gloss	●●●●●●●○○○
Scuff Resistance	●●●○○○○○○○
Counter Glueing	●●●●●●●○○○

Product Characteristics			
Viscosity	• ~ s -2 (19-22) (#3 Zahn Cup at 23°C)		
Hot Foil Stamping	No	Glueability	No
Drying AQ	• Hot air knives with air evacuation	Anti Penetration	No
Barrier Properties	• Temporary barrier against fat • Temporary barrier against oil • Temporary barrier against water		

Substrate Recommendation

• Coated Board
• Uncoated board

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Application Method

- Performance characteristics will vary depending upon coating film weight and substrate porosity. A "pinhole" free coating is critical for best results. It is imperative that the coating, ink, and substrate combination is pre-qualified prior to commercial production. For very porous paper, a primer such as ACTGreen® Barrier Coating AQ-17S is recommended.

Printing Equipment and Anilox Recommendation	
Printing Equipment	Anilox Volume
Anilox Coater Anilox: 120 – 180 LPI / greater than 20 BCM	- cm³/m² / -

Storage Instructions

- Shelf-life 6 months
- Applies to closed original containers at 5°C up to 30°C.
- Protect from frost, heat and sun exposure. Storage may cause a change in viscosity. We recommend to check the viscosity and adjust - if necessary - with water.

Cleaning Instructions

- Please clean machine and tools immediately with room temperature water or hot water. In cases where the coating has been left to dry, warm water and INKO Cleaner may be required.

Regulatory Compliance

- Disclaimer: For regulatory compliances please reach out to your responsible ACTEGA contact person.

Additional Information

3M #7 Kit: Pass
3M #12 Kit: Pass
Cobb Values: 26.1 grams/cm2
Cobb Values (w/Primer): 5.1 grams/cm2
MVTR Values: 1,503 grams/m2/day
MVTR Values (w/Primer): 495 grams/m2/day

All values above were tested with a coating weight of 1Mil Wet, unless otherwise noted. Primer and Top Coat combinations were tested at 2.0 Mils total (Primer at 1 Mil and Top Coat at 1 Mil). Testing was performed under laboratory conditions, with coating applied on the uncoated side of 14 pt. Everest C1S. These values represent typical laboratory testing results and should not be interpreted as specifications.

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Contact Information

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Disclaimer

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