

tds_header_technicalDataSheet
ACTGreen® BARRIER CTG AQ2149201
 Aqueous matte barrier top coat

ACTEGA North America, Inc.
 1450 Taylors Lane, Cinnaminson, NJ 08077 US
 +1 800-255-0021
 info.ACTEGA.northamerica@altana.com
 www.actega.com

tds_header_productDescription

Aqueous matte barrier top coat with excellent grease and oil resistance

tds_header_generalInformation	
tds_label_productType	prd_type_coatings
tds_label_productTechnology	prd_technology_coaWaterBased
tds_label_fieldOfApplication	prd_markets_pbp, prd_endUse_barrierFastFood, prd_endUse_barrierLaundryHomeCare, prd_endUse_fbDryFood, prd_endUse_fbFrozenFood
tds_label_properties	prd_prop_goodPrintabilityGoodAdhesion, prd_prop_provesInPracticeToBeSuitableAsTwoSidedCoating, prd_prop_temporaryBarrierAgainstOilFatAndWater

tds_header_applicationMethod

- 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.

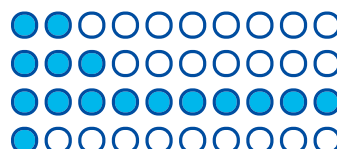
tds_header_printingEquipmentAndAniloxRecom	
tds_header_printingEquipment	tds_header_aniloxVolume
Anilox Coater Anilox: 120 – 180 LPI / greater than 20 BCM Rod Coater: #6 - #10 rod	- / - BCM

tds_header_substrateRecom

- prd_subRec_coatedBoard
- prd_subRec_uncoatedBoard

tds_header_properties

tds_label_gloss
 tds_label_scuffResistance
 tds_label_twoSidedCoating
 tds_label_counterGlueing



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tds_header_productCharacteristics			
tds_label_viscosity	• ~300 mPas +/- 50 (prd_visc_centipoise_25C)		
tds_label_hotFoilStamping	<input type="checkbox"/>	tds_label_glueAbilityUV	<input type="checkbox"/>
tds_label_dryingAQ	• prd_dryingAQ_hotAirKnives	tds_label_antiPenetration	<input type="checkbox"/>
tds_label_barrierProperties	• prd_barrier_tmpFat • prd_barrier_tmpOil		

tds_header_storageInstructions

- prd_storageInformation_shelfLife6Months
- prd_storageInformation_closed_t5to30
- prd_storageInformation_frostHeatSunVisc

tds_header_cleaningInstructions

- prd_clean_pleaseCleanMachineAndToolsWithRoomTemperatureOrHotWaterHasBeenDriedInkoCleaner

tds_header_regulatoryCompliance

- prd_regulatoryCompliance_reachOut

tds_header_additionalInformation

3M #7 Kit: Pass
 3M #12 Kit: Pass
 Cobb Values: 5.1 grams/cm2
 Cobb Values (w/Primer): 2.2 grams/cm2
 MVTR Values: 960 grams/m2/day
 MVTR Values (w/Primer): 473 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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The characteristics contained herein constitute binding product specifications which we warrant provided the conditions and testing methods mentioned therein are used. Any other subjective or objective requirements concerning the products are excluded. Any information herein about suitability, use or application of the products is non-binding and does not constitute a commitment regarding the products' properties, use or application. We recommend that you test our products in preliminary trials to determine their suitability for your intended purpose prior to use. No warranties of merchantability or fitness for a particular purpose are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties.