

Technical Data Sheet

STARKOTE® AQ-440

Aqueous gloss "size" coating

ACTEGA North America, Inc.
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Product Description

Aqueous gloss "size" coating to be used as a pre-coat for raw foil stock

General Information	
Product Type	Coatings
Product Technology	Water based
Field Of Application	Paperbased Packaging, Aluminum foil non food, exterior, Cosmetic packaging, Decorative packaging, exterior, Folded Boxes-Health Care, Folded Boxes-Household/Hardware & Electronics/other non food, Other Specialities
Properties	An overcoating with UV varnishes and water based coatings is possible., For absorbent and non absorbent surfaces, Good wetting on different printing inks, e. g. conventional, UV printing inks, web offset printing inks, make tests!, Proves in practice to be suitable as adhesion promoter between substrate and a later UV coating., The coating offers a very good adhesion on different surfaces.

Application Method

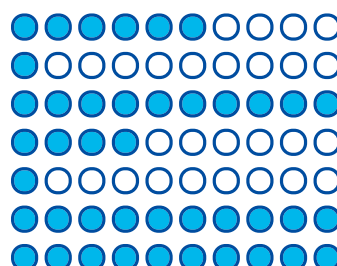
- Blanket, Tower, Dampener and Anilox Coaters, 9-11 bcm

Substrate Recommendation

- Metallized Substrate
- Non-porous Substrates
- Coated Board
- Coated Paper

Properties

- Gloss
- Scuff Resistance
- Hot Foil Stamping
- Slip Surface Smoothness
- Two Sided Coating
- UV Varnishing
- Counter Glueing



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Product Characteristics			
Viscosity	<ul style="list-style-type: none"> • ~ s -1 (15-18) -2 (19-22) -3 (23-26) (#3 Zahn Cup at 23°C) • ~ s - 8 (23-26) (#2 Zahn cup) 		
Hot Foil Stamping	<input type="checkbox"/>	Glueability	<input type="checkbox"/>
Drying AQ	<ul style="list-style-type: none"> • Hot air knives with air evacuation 	Slip Angle	25 +/- 2 degrees
Heat Resistance	120°F @ 16 hrs @ 2 PSI	Anti Penetration	<input type="checkbox"/>

Storage Instructions

- Shelf-life 12 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.

Disclaimer

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.