

Technical Data Sheet  
STARKOTE® AQ-220  
Aqueous gloss high heat resistant coating

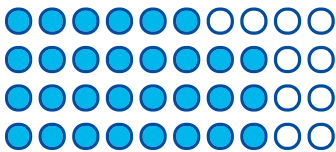
Product Description

Aqueous gloss high heat resistant coating with excellent hot scuff and hot release.

| General Information  |                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type         | Coatings                                                                                                                                                                   |
| Product Technology   | Water based                                                                                                                                                                |
| Field Of Application | Paperbased Packaging, Decorative packaging, exterior, Kitchen & household, Shelf-ready packaging, Heat-treated paper applications                                          |
| Properties           | Good printability, good adhesion, High heat resistance, Proves in practice to be suitable as two-sided coating., Has proven itself as a coating for the rearside of board. |
| Optic                | Glossy                                                                                                                                                                     |

Properties

- Gloss
- Scuff Resistance
- Slip Surface Smoothness
- Two Sided Coating



| Product Characteristics |                                                                                            |                  |                  |
|-------------------------|--------------------------------------------------------------------------------------------|------------------|------------------|
| Viscosity               | • ~ s -1 (15-18) -2 (19-22) -3 (23-26) (#3 Zahn Cup at 23°C)                               |                  |                  |
| Hot Foil Stamping       | No                                                                                         | Glueability      | No               |
| Drying AQ               | • Hot air knives with air evacuation                                                       | Slip Angle       | 18 +/- 2 degrees |
| Heat Resistance         | Heat Release: 500°F @ 3 seconds dwell @ 80 PSI<br>Block Resistance: 325°F @ 16 hrs @ 2 PSI | Anti Penetration | No               |

Substrate Recommendation

- Coated Board
- Corrugated board
- Blister board, Pre-print liner

## Technical Data Sheet

### STARKOTE® AQ-220

Aqueous gloss high heat resistant coating

## Application Method

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

## 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.

## Contact Information

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

## 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.