

Technical Data Sheet  
**TERRAWET Gloss Coating G 9/703-040**  
Water-based Gloss Coating with Fast Drying and Good Wet Block and Scuff Resistance

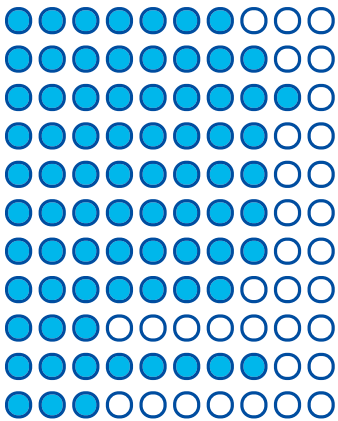
Product Description

Water-based gloss coating with fast drying and a good wet block resistance. The product provides a good scuff resistance.

General Information	
Product Type	Coatings
Product Technology	Water based
Field Of Application	Paperbased Packaging, Publication & Commercial, Labels, Flexible Packaging, Displays, Other non-food, Food indirect, Dry foodstuff packagings, Brochures, Beverages
Optic	Glossy

Properties

- Gloss
- Drying
- Scuff Resistance
- Hot Foil Stamping
- Crackling Tolerance
- Foaming Tolerance
- Two Sided Coating
- Wet Block Resistance
- UV Varnishing
- Counter Glueing
- Foil Laminator



Product Characteristics			
Viscosity	<ul style="list-style-type: none"><li>• ~60 s (20°C, DIN 4 mm cup)</li><li>• ~40 s (20°C, DIN 4 mm cup)</li></ul>		
Hot Foil Stamping	Yes	Glueability	Yes
Slip Angle	15° - 22°	Heat Resistance	Up to 120°C
Anti Penetration	No		

Substrate Recommendation

- Coated Board
- Coated Paper

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## Application Method

- Sheet-fed offset, coating unit
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- Wet-in-wet
- We recommend to omit adhesive straps.
- Recommended coating application: 3,5 - 5 g/m<sup>2</sup>; wet
- Recommended pile temperature: not > 35°C.
- Resistance against alkali, alcohol and solvents should be given according to DIN ISO 2836, formerly DIN 16524, in order to exclude a change of colour.
- The coating is principally glueable (please test).
- The full profile of characteristics of the coating film is available after complete drying.
- Using non-absorbent substrates and / or slowly absorbent printing inks, we recommend to plan for the corresponding drying times.
- The coating is suitable for wrapping in foils XS and MS (no acrylic coated foil).
- Please use printing inks/foil inks suitable for coating.
- For the further processing of the sheets under mechanical load and/or the influence of humidity, a sufficient high basic consistency of the substrate is required.
- There must be a suitability for water-based coating if anti-set-off powder is used (do not use mineral powder).
- Stir well before use! Mechanical stirring is recommended.

## Storage Instructions

- Storage (Days): 550
- Shelf-life 18 months
- Applies to closed original containers at 5°C up to 30°C.
- Avoid mixing with other coatings or washing water.
- Storage may cause a change in viscosity. We recommend to check the viscosity and adjust - if necessary - with water.
- Protect from frost, heat and sun exposure.

## Cleaning Instructions

- Please clean machines and tools immediately with water. Dried coating residues can be removed with TERRAWET Clean Cleaning Agent G 12/181.

## Regulatory Compliance

- For information about the food legislation assessment of this product (e. g. demands on the Nestlé Standard St-80.001 „Printing Inks for Food Packaging“ (version 04-2022) and the Swiss Ordinance (SR 817.023.21 - ordinance of the Swiss Confederation on materials & articles in contact with food) or FDA & California Proposition 65) we ask you to contact our department for quality, environment and product safety.
- P: +49 (0) 5132 5009-140;

## Contact Information

ACTEGA GmbH, Plant Lehrte  
Industriestraße 12, 31275 Lehrte DE  
+49 5132 5009-0  
info.ACTEGA@altana.com  
www.actega.com

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## 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.