

Technical Data Sheet

TERRAWET® High Gloss Coating G 9/561-060

for a high gloss on different paper and board surfaces

ACTEGA Terra GmbH

Industriestraße 12, 31275 Lehrte DE

+49 5132 5009-0

DownloadTDS.ACTEGA.Terra@altana.com

www.actega.com

Product Description

Water-based high gloss coating with a good gloss on different paper and board surfaces. The product provides a high foaming tolerance.

This product has been assessed against the criteria of the Material Health category in the Cradle to Cradle Certified™ Product Standard and was awarded a Gold level Material Health Certificate by the Cradle to Cradle Products Innovation Institute.

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

Application Method

- Wet-in-wet
- Wet-on-dry
- Sheet-fed offset, coating unit (chambered doctor blade or roller system)
- Sheet-fed offset, coating unit
- 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.
- Recommended pile temperature: not > 35°C
- Stir well before use! Mechanical stirring is recommended.
- Using non-absorbent substrates and / or slowly absorbent printing inks, we recommend to plan for the corresponding drying times.
- 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.
- In order to guarantee a fast and complete drying, we recommend a sufficient airing of the sheets.
- Recommended coating application: 3,5 - 5 g/m²/wet
- The coating is suitable for wrapping in foils XS and MS (no acrylic coated foil).
- There must be a suitability for water-based coating if anti-set-off powder is used (do not use mineral powder).
- We recommend to omit adhesive straps.
- The coating is principally glueable (please test).
- Please use printing inks/foil inks suitable for coating.
- The full profile of characteristics of the coating film is available after complete drying.

Substrate Recommendation

- Coated Board
- Coated Paper

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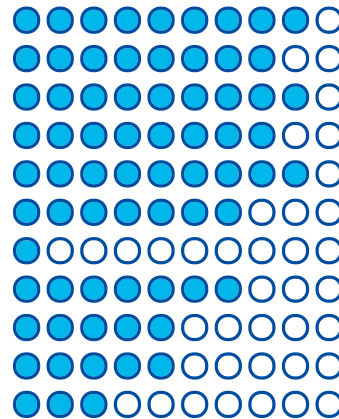
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Properties

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



Product Characteristics			
Viscosity	<ul style="list-style-type: none"> • ~40 s (20°C, DIN 4 mm cup) • ~60 s (20°C, DIN 4 mm cup) 		
Hot Foil Stamping	<input checked="" type="checkbox"/>	Glueability	<input checked="" type="checkbox"/>
Slip Angle	20° - 24°	Heat Resistance	Up to 100° C
Anti Penetration	<input type="checkbox"/>		

Storage Instructions

- 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.
- Applies to closed original containers at 5°C up to 30°C.
- Shelf-life 18 months
- Avoid mixing with other coatings or washing water.

Cleaning Instructions

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

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Disclaimer

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