

## Technical Data Sheet

### TERRAWET® Gloss Coating G 9/764 heat resistant-060

Water based gloss coating with a high heat resistance and high rub resistance.

#### ACTEGA Terra GmbH

Industriestraße 12, 31275 Lehrte DE

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## Product Description

Water based very smooth, glossy coating with a high heat resistance and high rub resistance.

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	Paperbased Packaging, Other non-food, Food indirect, Dry foodstuff packagings

## Application Method

- Recommended pile temperature: not > 35°C
- There must be a suitability for water-based coating if anti-set-off powder is used (do not use mineral powder).
- The full profile of characteristics of the coating film is available after complete drying.
- Recommended coating application: 4 - 6 g/m<sup>2</sup>/wet
- There must be a sufficient hardening of the overall system substrate-printing ink-coating before further processing which should be checked in the process.
- Please use printing inks/foil inks suitable for coating.
- We recommend to omit adhesive straps.
- Stir well before use! Mechanical stirring is recommended.
- The coating is suitable for wrapping in foils XS and MS (no acrylic coated foil).
- In order to guarantee a fast and complete drying, we recommend a sufficient airing of the sheets.
- 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.
- 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.
- Using non-absorbent substrates and / or slowly absorbent printing inks, we recommend to plan for the corresponding drying times.
- Sheet-fed offset, coating unit (chambered doctor blade or roller system)
- Wet-in-wet
- Wet-on-dry

## Substrate Recommendation

- Coated Board

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## Properties

Gloss

Scuff Resistance

Hot Foil Stamping

Crackling Tolerance

Foaming Tolerance

Drying

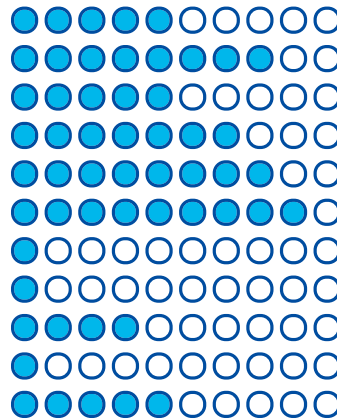
Two Sided Coating

Wet Block Resistance

UV Varnishing

Counter Glueing

Foil Laminator



Product Characteristics			
Viscosity	<ul style="list-style-type: none"> <li>~60 s (20°C, DIN 4 mm cup)</li> <li>~40 s (20°C, DIN 4 mm cup)</li> </ul>		
Hot Foil Stamping	<input checked="" type="checkbox"/>	Glueability	<input type="checkbox"/>
Slip Angle	10° - 15°	Heat Resistance	up to 240°C
Anti Penetration	<input type="checkbox"/>		

## Storage Instructions

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

## 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

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.