

Technical Data Sheet  
**TERRAWET® Special Coating G 9/688-060**  
Water-based Coating with Excellent Alkaline Penetration

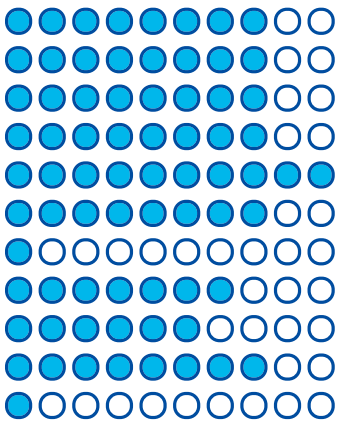
Product Description

Water based special coating with an excellent alkaline penetration, low tendency to crackling.

General Information	
Product Type	Coatings
Product Technology	Water based
Field Of Application	Labels, Other non-food, Beverages
Properties	Especially good anti-curling behaviour, Very good transparency, Good wet rub resistance, Good alkaline penetration
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>• ~40 s (20°C, DIN 4 mm cup)</li><li>• ~60 s (20°C, DIN 4 mm cup)</li></ul>		
Hot Foil Stamping	Yes	Glueability	No
Slip Angle	18° - 24°	Heat Resistance	Up to 180°C
Anti Penetration	No		

Substrate Recommendation

- Cast-coated substrates
- Metallized substrates
- Coated Paper

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## Application Method

- Sheet-fed offset, coating unit
- Sheet-fed offset, coating unit (chambered doctor blade or roller system)
- Wet-in-wet
- Coating unit
- The coating is suitable for wrapping in foils XS and MS (no acrylic coated foil).
- 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.
- We recommend to omit adhesive straps.
- 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).
- Stir well before use! Mechanical stirring is recommended.
- 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 coating application: 3,5 - 5 g/m<sup>2</sup>; wet
- Using non-absorbent substrates and / or slowly absorbent printing inks, we recommend to plan for the corresponding drying times.
- Please use printing inks/foil inks suitable for coating.
- There must be a sufficient hardening of the overall system substrate-printing ink-coating before further processing which should be checked in the process.
- The full profile of characteristics of the coating film is available after complete drying.
- In order to guarantee a fast and complete drying, we recommend a sufficient airing of the sheets.

## Storage Instructions

- Applies to closed original containers at 5°C up to 30°C.
- Shelf-life 18 months
- 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.

## Contact Information

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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.