

Technical Data Sheet

TERRAWET Gloss Coating G 9/711-040

Product Description

Water-based gloss coating with fast drying and a good wet block resistance.

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

Application Method

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

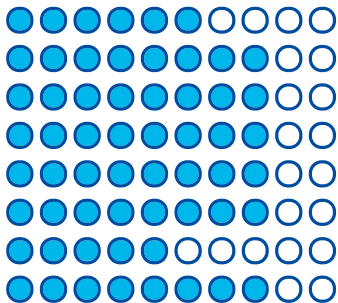
Substrate Recommendation

- Coated Paper
- Coated Board

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Properties

- Gloss
- Scuff Resistance
- Hot Foil Stamping
- Crackling Tolerance
- Foaming Tolerance
- Drying
- Two Sided Coating
- Wet Block Resistance



Product Characteristics			
Viscosity	• ~40 s (20°C, DIN 4 mm cup)		
Hot Foil Stamping	Yes	Glueability	Yes
Slip Angle	17° - 21°	Heat Resistance	Up to 120°C
Anti Penetration	No		

Storage Instructions

- Shelf-life 18 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.
- 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.

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.
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Disclaimer

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