

Technical Datasheet

25.02.2021

TERRAWET Primer G 9/733 inline -060

1 / 2

Product description

Water-based primer for the later UV inline coating. The primer must be fully covered with UV varnish. It provides a high crackling tolerance and has a very low draw back effect.

- Sheet-fed offset, double coating
- Wet-in-wet

Properties



Gloss	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ □
Scuff resistance	■ ■ □ □ □ □ □ □ □ □
Crackling tolerance	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Foaming tolerance	■ ■ ■ ■ ■ ■ ■ ■ □ □
Drying	■ ■ ■ ■ □ □ □ □ □ □
Two-sided coating	■ □ □ □ □ □ □ □ □ □
Wet block resistance	■ □ □ □ □ □ □ □ □ □
UV varnishing	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

Substrate

- Coated board
- Coated paper

Legislation assessment

- In principal the product can be used as directed and with a complete drying for the coating of foodstuff packagings for the indirect contact to the filling good. For information about the food legislation assessment of this product (e. g. demands on the Nestlé "Guidance Note on Packaging Inks" and the Swiss Ordinance (SR 817.023.21 - ordinance of the Swiss Confederation on materials & articles in contact with food)) we ask you to contact our department for quality, environment and product safety. T: +49 (0) 5132 5009-140 mail to: QUM.ACTEGA.Terra @altana.com

Material characteristics

- Viscosity: 60 sec. (20°C, DIN 4 mm cup)

Special properties

- Very low draw back effect
- Proves in practice to be suitable as adhesion promoter between substrate and a later UV coating.

Application (End Uses)

- Wet glue (Other non-food)
- Folded boxes (Other non-food, Food indirect, Dry foodstuff packagings, Personal Care, Pharma)
- Publications (Dust jackets)

Processing recommendations

- In case of an insufficient drying of the printing ink, a fault in form of a printing ink film splitting cannot be excluded at the later refinement processes.
- The coating is suitable for wrapping in foils XS and MS (no acrylic coated foil).
- Stir well before use!
Mechanical stirring is recommended.
- Using non-absorbent substrates and / or slowly absorbent printing

Processes

- Sheet-fed offset, coating unit

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2 / 2

- 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.
 - 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.
 - Recommended pile temperature: not > 35°C
 - We recommend to apply the UV varnish as overlapping on the primer.
 - 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.
 - The UV varnish must be applied overlapping on the primer. The primer should not be uncoated on the surface and is not suitable for an UV spot coating.
 - Recommended coating application: 4 - 6 g/m²/wet
 - The full profile of characteristics of the coating film is available after complete drying.
 - We recommend to omit adhesive straps.

Cleaning instructions

- Please clean machines and tools immediately with water. Dried coating residues can be removed with TERRAWET Clean Cleaning Agent G 12/180.

Storage instructions

- Storage may cause a change in viscosity. We recommend to check the viscosity and adjust - if necessary - with water.
- Shelf-life 12 months
- Avoid mixing with other coatings or washing water.
- Protect from frost, heat and sun exposure.
- Applies to closed original containers at 5°C up to 30°C.

Disclaimer

- We reserve the right to change product characteristics due to technical progress, amendment of applicable law and mandatory production-related needs.
- If an application is intended to be made under different conditions than those specified in this sheet, we only assume liability after having examined the respective different conditions.
- This data sheet does not claim to be complete.
- All information are technical quality descriptions, advisory and due to the wide range of materials, production conditions, operations and processes they do not release from own tests and examinations under customer-specific circumstances.
- All information provided on this product (in this sheet or elsewhere) are made to the best of our knowledge.