ACTEGA Terra GmbH

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Technical Datasheet

25.02.2021

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TERRAWET Primer G 9/742-045

Product description

Water based primer as adhesion medium between substrat and later UV coating.

Properties

Gloss	
Scuff resistance	
Hot foil stamping	
Crackling tolerance	
Foaming tolerance	
Drying	
Two-sided coating	
Wet block resistance	
UV varnishing	**********
Counter glueing	

Material characteristics

Viscosity: 45 sec. (20°C, DIN 4 mm cup)

Special properties

- Low odor
- · Very good transparency

Application (End Uses)

Folded boxes (Other non-food, Food indirect)

Processes

- Wet-in-wet
- Sheet-fed offset, coating unit (chambered doctor blade or roller system)

Substrate

- · Coated paper
- Coated board

Processing recommendations

- 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.
- 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.
- 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 suitability for waterbased coating if anti-set-off powder is used (do not use mineral powder).
- There must be a sufficient hardening of the overall system substrate-printing ink-coating before further processing which shoud be checked in the process.
- Recommended coating application: 4 -6 g/m²/wet
- In order to guarantee a fast and complete drying, we recommend a sufficient airing of the sheets.
- The coating is suitable for wrapping in foils XS and MS (no acrylic coated foil).
- Recommended pile temperature: not > 35°C
- For the further processing of the sheets under mechanical load and/or the influence of humidity, a sufficient high basic consistency

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of the substrate is required.

- Please use printing inks/foil inks suitable for coating.
- We recommend to omit adhesive straps.
- The full profile of characteristics of the coating film is available after complete drying.

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

- · 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.

Disclaimer

- All information provided on this product (in this sheet or elsewhere) are made to the best of our knowledge.
- 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 customerspecific circumstances.
- 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.

- We reserve the right to change product characteristics due to technical progress, amendment of applicable law and mandatory production-related needs.
- This data sheet does not claim to be complete.