

Technical Datasheet

23.09.2021

TERRASCREEN UV Gloss Varnish G 22/611 NVK MotionCoat

1 / 2

Product description

UV based gloss varnish to get effects of moving gloss (MotionCoat).

Please pay attention to our separate processing instructions.

Material characteristics

- Viscosity: 23 sec. (20°C, DIN 8 mm cup)

Special properties

- Very good flow out
- The coating contains optical brightener.
- Very good edge definition
- Very good compound adhesion on different substrates.

Application (End Uses)

- Pressure sensitive (Other non-food)
- Commercials (Envelopes)
- Folded boxes (Other non-food, Personal Care)
- Publications (Magazines)
- Corrugated (Displays)

Processes

- Flat-bed screen printing
- Rotary screen printing

Substrate

- Coated paper
- Metallized substrates
- PVC, PP, PE, PET foils etc.
- Coated board
- Rearside PE coated board

Legislation assessment

-

The direct contact to foodstuff is not admitted. Using an absolute barrier the indirect contact is admitted. 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

Processing recommendations

- Stir well before use!
Mechanical stirring is recommended.
- The printing inks should be suitable for coating. The resistance against alkali, alcohol and solvents should be given in accordance to DIN ISO 2836, former DIN 16524, to exclude any colour change.
- Glue flaps should be uncoated.
- A strong absorption on absorbent surfaces can cause an insufficient curing of the UV varnish, sensory problems, mechanical influence as well as rub resistance problems and poor slip properties.
- The total structure of substrate/printing ink/varnish must be cured sufficiently before processing and should be checked during the process.

Cleaning instructions

Technical Datasheet

23.09.2021

TERRASCREEN UV Gloss Varnish G 22/611 NVK MotionCoat

2 / 2

- Please clean machine and tools immediately with the right screen cleaner or alcohol.

- We reserve the right to change product characteristics due to technical progress, amendment of applicable law and mandatory production-related needs.

Storage instructions

- Shelf-life 9 months
- Applies to closed original containers at 5°C up to 30°C.
- A change of viscosity is possible in case of an incorrect or longer storage.
- Place under the exclusion of light.
- Keep from freezing, heat and solar radiation.

Disclaimer

- All information provided in this publication are made to the best of our knowledge and are advisory. Recommendations are based on internal tests and practical experience. Stated values may differ. No legal claims can be made out of these statements. Changes due to technical progress, applicable law or production-related needs may be necessary. The content does not claim to be complete.
- 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.
- 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.