

Technical Datasheet

18.10.2021



TERRASCREEN UV Matt Varnish G 22/602 NVK

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Product description

UV screen printing matt varnish for the realization of sand effects. The product shows a good edge definition.

Properties

Reactivity	
Gloss	
Hot foil stamping	no
Glueability	no

Material characteristics

- Viscosity: high viscous

Special properties

- Good edge definition

Application (End Uses)

- Pressure sensitive (Other non-food, Envelopes, Household, Beverages, Personal Care)
- Folded boxes (Other non-food, Personal Care, Pharma)
- Publications (Dust jackets)

Processes

- Flat-bed screen printing
- Flexo printing, reel-to-reel

Substrate

- Coated paper
- Coated board
- PVC, PP, PE, PET foils etc.

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

- 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.
- UV: The property profile of the coating film is given in case of a complete curing. The curing depends on the efficiency of lamps, life of UV lamps, machinery speed, general conditions of the UV unit (reflectors, etc.), temperature and the distance from the UV unit to the substrate. We recommend to clean regularly the reflectors and - if necessary - to change the lamps in case of a drop in lamp efficiency.
- The total structure of substrate/printing ink/varnish must be cured sufficiently before processing and should be checked during the process.

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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.

- Recommended mesh: 120 . . . 34 L/cm
- The fine adjustment for the choice of tissue must be chosen individually depending job and motive.

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.

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

Cleaning instructions

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

Storage instructions

- Keep from freezing, heat and solar radiation.
- Do not pollute the varnish with washing water, cleaning agent or other varnishes/adhesives.
- Shelf-life 6 months
- Place under the exclusion of light.
- Applies to closed original containers at 5°C up to 30°C.

Disclaimer

- This data sheet does not claim to be complete.
- All information provided on this product (in this sheet or elsewhere) are made to the best of our knowledge.
- 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.

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