

Technical Datasheet

27.10.2021

TERRAGLOSS UV Gloss Varnish G 8/393 VK MotionCoat-080

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Product description

In combination with a very matt MotionCoat primer and vector-based artwork, this UV gloss coating enables motion-like effects by changing the viewing angle. For outstanding matt and gloss effects with a very high edge definition. Moreover, the coating is gluable and suitable for hot foil stamping.

Properties

Gloss



Hot foil stamping

yes

Glueability

yes

Material characteristics

- Viscosity: 80 sec. (20°C, DIN 4 mm cup)

Special properties

- Low yellowing
- Less odor after a complete curing

Application (End Uses)

- Pressure sensitive (Other non-food, Industrial, Household, Beverages, Personal Care)
- Sachets, pouches & bags (Sac packaging)

Processes

- Narrow Web

Substrate

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

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

- 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.
- 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

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processing and should be checked during the process.

- Do not pollute the varnish with washing water or other varnishes.
- Please test stamping ability and glueing must be tested in practice.
- The increase of the slip angle can't be excluded in case of temperature and humidity. Storage tests are necessary.
- In case of an offline coating we recommend for the primer a drying time of minimum 24 hours, in case of metallic printing inks minimum 48 hours.
- Recommended film weight: 3 – 6 g/m²/wet
- 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.

Cleaning instructions

- Tubes should be free of water, varnish and cleaning agent, otherwise the UV varnish can thicken.
- Please clean machine and tools immediately with alcohol. Dried film clean up with TERRAGLOSS CLEAN Cleaning Agent G 13/160.

Storage instructions

- Shelf-life 9 months
- Do not pollute the varnish with washing water, cleaning agent or other varnishes/adhesives.
- Applies to closed original containers at 5°C up to 30°C.
- Keep from freezing, heat and solar radiation.

- Place under the exclusion of light.

Disclaimer

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