

Technical Data Sheet
MOTIONCOAT® 4251

UV curable gloss topcoating for use with MotionCoat® varnish

ACTEGA North America, Inc.
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Product Description

MotionCoat® 4251 is applied overall, through the anilox/blanket coater, over the pattern applied with Motioncoat® 42 Litho Primer.

| General Information | |
|----------------------|---|
| Product Type | Coatings |
| Product Technology | UV curing |
| Field Of Application | Paperbased Packaging, Publication & Commercial, Advertising, Brochures, Catalogs, Commercial, Cosmetic packaging, Decorative packaging, exterior, Displays, Folded Boxes-Household/Hardware & Electronics/other non food, Folded Boxes-Personal Care/Cosmetics, Other Specialities, Photo books, Shelf-ready packaging, Transport packaging |
| Properties | Enables an even and structured surface, Good printability, good adhesion, Print varnish to get glossy-, matte and/or trickle down effects by the inline coating with UV varnishes. The print varnish must be UV cured before overprinting., Proves in practice to be suitable as two-sided coating. |

Application Method

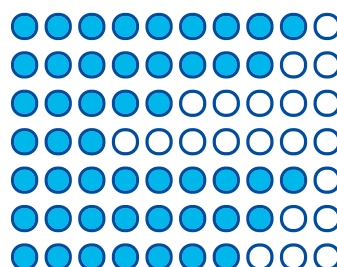
- Blanket, Flexo or Chambered Anilox Coaters, 10-14 bcm; Please refer to ACTEGA’s usage guide for the set up and application techniques to create the best Motioncoat effects in combination with the Motioncoat first down varnish.

Substrate Recommendation

- Coated Board
- Coated Paper
- Metallized Substrate

Properties

- Gloss
- Flexibility
- Scuff Resistance
- Slip Surface Smoothness
- Reactivity
- Two Sided Coating
- Counter Glueing



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| Product Characteristics | | | |
|-------------------------|---|-------------|--------------------------|
| Viscosity | • ~850 mPas +/- 50 (Centipoise at 25°C) | | |
| Curing | • 125 fpm @ 300WPI | | |
| Hot Foil Stamping | <input type="checkbox"/> | Glueability | <input type="checkbox"/> |
| Anti Penetration | <input type="checkbox"/> | | |

Storage Instructions

- Shelf-life 6 months
- Applies to closed original containers at 5°C up to 30°C.

Cleaning Instructions

- Please clean machines and tools with commercial cleaning agents.

Additional Information

MEK Resistance: 20 - 40 Double Rubs
 * Estimated chemical resistance on press

Disclaimer

The characteristics contained herein constitute binding product specifications which we warrant provided the conditions and testing methods mentioned therein are used. Any other subjective or objective requirements concerning the products are excluded. Any information herein about suitability, use or application of the products is non-binding and does not constitute a commitment regarding the products’ properties, use or application. We recommend that you test our products in preliminary trials to determine their suitability for your intended purpose prior to use. No warranties of merchantability or fitness for a particular purpose are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties.