



COATING WB2050 Lock3 Satin 2-Sided

Galaxy Coating WB2050 is a good drying satin emulsion with antimicrobial properties due to the addition of **Lock3**. The dried coating film provides a good rub resistance and is suitable for subsequent UV varnishing (the **Lock3** function stops where UV is applied). The coating runs on high speed printing presses and is suitable for double side coating applications.

Application: Recommended coating weight 4 – 6 grms/m² (wet)
 Suitable for paper (> 125grms) and board
 Adapted for double side applications
 Suitable for conventional 2-roller system and anilox

Use: Use solvent and alkali resistant inks
 Reduce viscosity with water, if required
 Stir well before use

Performance key:	Gloss	4	1 matt – 10 highest gloss
	UV varnishing	y	
	Drying speed	3	
	Slip	4	
	Rub resistance	3	
	Block resistance	4	
	Glueability	4	Specific films to be tested
	Heat resistance	2	140°C Face-to-Face

** 1 (Slow / Low) – 5 (Fast / High) **

Typical constants:	Viscosity	40 secs DIN4 @ 20°C	± 5 sec
	Specific gravity	1.04 g/cm ³	± 0.04
	Appearance	Opaque liquid	
	Solids	38%	± 4%

Storage conditions: Store at temperatures above 5°C and in closed packaging

Cleaning: Initial wash with plain water or WB0200 diluted with water. Dried coating can be removed using neat WB1050. For cleaning anilox we refer to our special cleaning range.

Shelflife: In unopened, original packaging, 12 months from manufacturing date



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Galaxy
coatings

**Additional
information:**

The functionality of the antimicrobial properties of Lock3 added coatings is achieved by a photo dynamic process based on a photocatalytic reaction with oxygen in combination with daylight or artificial light.

The functionality is guaranteed for at least 1 year and sterilises many types of bacteria, viruses and moulds.

In the dark the photocatalytic process is in a rest situation.

Extended exposure to heat above 150°C reduces the effect of Lock3.

Original Varcotec GmbH product.

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The information provided in this technical data sheet is to inform our customers. A successful application depends on a variety of different factors. Therefore the advice given in this technical data sheet cannot be used as basis for claims. Our recommendation is where possible to perform tests before entering production runs. We reserve the rights to change product characteristics because of technical progress, amendment of applicable law and mandatory production related needs.