

Koenig & Bauer Printing Machinery (Dongguan) Co. Limited Technical Data Sheet (TDS).

1. Product and company brand

Product Name: KCM-25 Matte Coating

Supplier/Manufacturer: Koenig & Bauer Printing Machinery (Dongguan) Co., Ltd

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2. Product description

KCM-25 Matte Coating is a kind of water-based anti-scratch plastic oil with matte effect. Suitable for single-sided or double-sided coating, used in commercial printing and packaging printing.

3. Scope of application:

Suitable for paper, cardboard. Suitable for double-sided or single-sided coating applications, Suitable for traditional double-roller or anilox roller coating.

Coating weight: 4---6 g/m2, (wet press).

4. Product performance:

luster	-	Dumbness	++++
Surface smoothness	+++	Anti-stick paper	+++
Adhesiveness	o	Drying speed	+++
Abrasion resistance	+++	Double-sided glazing	●
+ = Slow / Very Slow ++++ = High / Very High o Limitations, need to be tested ● Fit - Not suitable			

5. Operation suggestions:

This product must be added with 2% curing agent before use (it has been shipped with Matte Coating) for coating; to speed up the drying speed of the varnish, and alkaline or solvent inks are used. Please add additives and mix well for 2-3 minutes before use. After coating this product, pay attention to the complete drying of the coating film. It is recommended to use hot air or infrared heating to promote the drying of the coating film.

6. Product specifications:

Appearance:	Opaque viscous liquid
Solids content:	33±3%
Viscosity (25°C, Cain cup 3#).	80±10 seconds
PH value:	8~9
Ingredient:	Polyurethane emulsion
Brightness:	4~7 degrees (depending on the surface quality of the paper)

7. Precautions:

The blanket must be cleaned during shutdown. When washing the cylinder for the first time, it can be washed with warm water or alcohol. If you need to do the post-processing technology (partial UV, hot stamping...), please test before mass production.

The effective shelf life is six months (calculated from the date of manufacture).

In view of our limited cognition at this stage, and the diversity and variability of product application conditions, customers need

to decide and be responsible for whether this product can be used or whether it produces adverse results after use.