

TECHNICAL DATA SHEET

Product code & description:

WCO70006 WESTACOAT SMART OP INK

It is a versatile high-performance water-based coating having excellent key properties like gloss, slip, mechanical resistance etc.

Application:

WCO70006 WESTACOAT SMART OP INK is fast drying and is designed for application on oil based offset / letterpress Inks.

It can be applied as per the following options,

- On paper and board
- Wet on wet or wet on dry over conventional ink
- Application through Roller/Anilox Coater in-line and off-line

Key Properties:

➤ Drying Speed	- Very Good
➤ Gloss	- Very Good
➤ Mechanical Resistance	- Very Good (depending on the substrate GSM)
➤ Slip	- Very Good (depending upon absorbency of the substrate)
➤ Scuff	- Good
➤ Odour	- Low
➤ Glueability	- Satisfactory (preliminary test before commercial run recommended)
➤ UV varnishability	- Not Recommended

Instructions for Use

Application Viscosity: The application viscosity should be adjusted depending on the method of application.

- High : Application via Fount Roller
- Medium : Application via Roller / Anilox coater (in line)
- Low : Application via Roller / Anilox coater (off line)

Technical Characteristics:

➤ Color Appearance	- Semi Translucent Emulsion
➤ Viscosity by Ford Cup#B4@30°C	- 55±5 Sec
➤ Specific gravity	- 1.02±0.025 g/ml
➤ Solid content	- 42±2 %
➤ pH	- 8 - 9

Reduction

Viscosity reduction could be done by adding water 1% at a time. An excessive addition will adversely affect the final quality of the coated film and hence addition of water should be made very carefully.

Cleaning

WCO70006 can be easily clean by normal water, provided they have not dried out. Dried film can be cleaned with 1:1 (Water: IPA) mixture.

Product safety:

WCO70006 is formulated keeping in consideration safety, health, and environmental aspects. They are neither flammable nor toxic. As such aqueous coating are absolutely safe to use from health, safety and environment protection angle. However, during handling and use, avoid inhalation of vapor and direct eyes or skin contact. Refer MSDS for additional handling and safety information.

Shelf life:

Normally Westacoat range of aqueous coating have a storage stability of 6 months at ambient temperature under sealed condition. Contaminated material should not be returned to the original container or re-used.

Packaging:

This product is available in 20Kg plastic bucket.

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