

TECHNICAL DATA SHEET

Product code & description:

WCO50013 WESTACOAT DEEP FREEZE RESISTANCE OP INK

It is a versatile high-performance water-based coating with excellent deep freeze resistance property. It also has other key properties like gloss, slip, mechanical resistance etc.

Application:

WCO50013 WESTACOAT DEEP FREEZE RESISTANCE OP INK is designed for application on oil-based offset / letterpress Inks.

It can be applied as per the following options,

- On paper, board and poly coated board
- Wet on dry over conventional ink
- Application through Roller/Anilox Coater off-line

Key Properties:

WCO50013 facilitate elimination of spray powder in most cases.

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|-------------------------|---|
| ➤ Drying Speed | - Good |
| ➤ Gloss | - Very Good |
| ➤ Mechanical Resistance | - Very Good (depending on the substrate GSM) |
| ➤ Slip | - Good (depending upon absorbency of the substrate) |
| ➤ Scuff | - Good |
| ➤ Taint, Odour | - Very low |

Instructions for Use

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

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

Technical Characteristics:

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|---------------------------------|-----------------------------|
| ➤ 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 | - 7.5 – 8.5 |

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

WCO50013 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:

WCO50013 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.

Disclaimer:

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