

TECHNICAL DATA SHEET

Product code & description:

UTDC6003 WESTACURE TEXTURE DUCT GLOSS TOP COAT (MV)

Application:

UTDC6003 WESTACURE TEXTURE DUCT GLOSS TOP COAT (MV) is a UV curable coating designed for offset ink duct application keeping dampener off. This coating is recommended to be used in combination with offset matt base coat to get the texture effect with characteristic grains. The control film weight of offset matt varnish also affects the design of texture. The UV offset matt base varnish must be cured before duct gloss varnish application. There should not be any contamination with normal UV varnish as the textured effect will level out.

Key Properties:

- Good Gloss
- Good Texture Effect
- Good Chemical Resistance
- Water Repellent
- Glueable
- Foil Stampable

Substrate:

Recommended for use on coated paper, board and Metpet. When overprinting on highly absorbent substrates it is always advised to check their performance on the actual batch of stocks used before commencing a full production run. Suitable for use on coated Metalized Polyester (≥ 42 dynes/cm) - preferably primer coated by water-based varnish.

Instructions for Use

- | | |
|------------------------|------------------------------------|
| • Stir well before use | |
| • Application | Offset Duct |
| • Viscosity | Ready for use |
| • Varnish coat weight | 1.5 — 2.5 gsm (as per requirement) |
| • Cleaning | Immediately with proper solvent |

Curing:

The OP Ink converts into a solid film by radical polymerization initiated by UV radiation in the range of 200 -400 nm. Capacity of the lamp is 80 -120 watts/cm.

Machine Speed

Depends on the Type and age of the lamp

Technical Characteristics:

Color Appearance:	Clear viscous liquid
Viscosity by Rotothinner@30°C:	34±2 Poise
Specific gravity:	1 – 1.2
Volatility:	0 %

Product safety:

UV products are generally considered to be non-toxicological. However, during handling and use, avoid inhalation of vapor and direct eyes or skin contact. It can be irritating, wash and rinse immediately with soap & water. Protective eyewear and latex gloves are recommended while using this product. Refer MSDS for additional handling and safety information.

Shelf life:

UTDC6003 is stable for 6 months when stored in its original container at temperatures between 5°C and 25°C, away from direct sunlight. Contaminated material should not be returned to the original container or re-used.

Cleaning:

Clean the plates, rubber roller, steel roller, anilox roll and other equipment with recommended cleaning agent, after use.

Packaging:

This product is available in 20Kg plastic pail.

NOT SUITABLE FOR DIRECT CONTACT FOOD PACKAGING

Disclaimer:

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