

TECHNICAL DATA SHEET

Product code & description:

UTMB4002 WESTACURE DUCT TEXTURE MATT BASECOAT (HF)

Application:

UTMB4002 WESTACURE DUCT TEXTURE MATT BASECOAT (HF) is a UV curable coating designed for offset duct application with dampener ON. Along with either RC or Duct gloss topcoat, this base matt coat creates a texture effect with typical grains formation. With change in LPI of the anilox the textured effect can varied. The control of film weight of offset varnish also affects the design of texture. The UV offset matt base varnish must be cured before RC or Duct gloss topcoat application.

Key Properties:

- Good Texture effect
- Excellent Rub resistance
- Good Slip
- Good Ink water Balance
- Stable Emulsification

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:	Off-White Viscous Liquid
Viscosity by Falling bar @30°C:	150 ± 10 Poise
Tack @ 400rpm:	6 - 7
Flow @ 90 deg / 10 min:	24 - 26 cm
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:

UTMB4002 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 1 or 2Kg plastic pail.

NOT SUITABLE FOR DIRECT CONTACT FOOD PACKAGING

Disclaimer:

This information is furnished without warranty, expressed, or implied, except that it is accurate to the best knowledge of Westtek Enterprises Private Limited. The data on the sheet is related to specific product designated herein. Westtek Enterprises Private Limited assumes no legal responsibility for use or reliance upon these data.

Issued Date: Feb 2023- Version: V1.1
