

TECHNICAL DATA SHEET

Product code & description:

UTRC5002 WESTACURE TEXTURE RC GLOSS TOP COATING(HS)

Application:

UTRC5002 WESTACURE TEXTURE RC GLOSS COATING (HS) is a high slip UV curable coating designed for roller/ anilox coater application. This coating is recommended to be used in combination with offset matt base coat to get the texture effect with characteristic grains. 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. Maintaining constant viscosity of the coater varnish is important to achieve consistent result. Hence a thermostat can help. The UV offset matt base varnish has to be cured before coater varnish application. There should not be any contamination with normal UV varnish as the textured effect will level out.

Key Properties:

- Excellent Gloss
- Finer Texture Effect
- Good Surface slip
- Good chemical resistance
- Water repellent

Substrate:

The product can be used for all kinds of paper, boards & non-absorbent substrate (≥ 42 dynes/cm)- preferably primer coated by either solvent or water-based varnish. Substrate suitability and adhesion should always be confirmed prior to use.

Instructions for Use

- | | |
|------------------------|---------------------------------|
| • Stir well before use | |
| • Application | Roller coater |
| • Viscosity | Ready for use |
| • Varnish coat weight | 3 — 4 gsm (as per requirement) |
| • Cleaning | Immediately with proper solvent |

Curing:

The RC 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 transparent liquid
Viscosity by Ford Cup#B4@30°C:	40 ± 2 Sec
Density:	1.07 – 1.10
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:

UTRC5002 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 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:

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
