

DESCRIPTION

WS SF COAT(Q) is an environmentally friendly, water-based matte coating that provides excellent soft-touch properties for thermal lamination films.

PROCESS

Gravure, Flexo

APPLICATION

Film (PET, OPP, etc.)

KEY FEATURES

- ✓ Excellent Scratch Resistance
- ✓ Excellent Hot Foil Stamping Performance
- ✓ Excellent Soft-touch Properties
- ✓ Excellent Digital Printing Performance

TYPICAL PROPERTIES

PROPERTY	SPECIFICATION
Viscosity (Z#3)	14 ± 2 sec
Solid Content (%)	30 ± 2
Density of Dispersion	1.00 ± 0.05
pH	8.0 ± 0.5
Quantity for Application (Dry)	2.0 ~ 3.0 g/m²

USAGE

WS SF COAT(Q) : Water : Cross-linking Agent = 100 : 4 : 1

NOTES

- Pot life: approximately 4 hours after mixing with the cross-linking agent.
- The cross-linking performance may deteriorate after 4 hours, leading to insufficient adhesion and poor scratch resistance.
- Layer separation may occur during long-term storage — stir thoroughly before use.

RECOMMENDED SPECIFICATION

- Cylinder: 150 ~ 200 lines/inch
- Main chamber length: more than 12 meters. At a set temperature of 60~90°C, the working speed should be 70~90 m/min.
- Insufficient drying or ripening after printing will prevent the coating from achieving its intended function.
- After printing, natural ripening is required for 48 hours at ordinary temperature (25°C).

This Product Information Sheet is compiled by TruMaterial based on technical data supplied by our manufacturing partner. Product performance may vary with application conditions; users should conduct their own qualification testing prior to use. For a certified Technical Data Sheet or Safety Data Sheet, please contact your TruMaterial representative.