

Platinum™

Pure Photopolymer (SBQ), Anti-Halation Textile Emulsion; Presensitized and Premixed for Plastisols; With Diazo, Use with Water-Based and Discharge Inks

PRODUCT DESCRIPTION

Platinum is a ready-to-use, SBQ-photopolymer direct emulsion for imprinted sportswear printing with plastisols, including aggressive post-phthalates. With anti-halation chemistry, **Platinum** can be used with less costly white mesh without the closing-up of fine lines and details. With the addition of its optional diazo, **Platinum** resists water-based and discharge inks. Its high viscosity (12,000 – 14,000 centipoise at 25° C.) provides good coating control, even on coarse mesh. Its high solids content (≈ 42 %) facilitates fast drying, good buildup of EOM (emulsion thickness over mesh) per coating stroke and, thus, good printed edge definition. **Platinum** is formulated for compatibility with CTS (computer-to-screen) exposure, and automated washout and reclaiming equipment. Used with plastisols, it does not require any sensitizers or additives; it is presensitized and premixed. **Platinum's** grey color, provides high color contrast for easy stencil inspection.

Features-At-a-Glance

- ▶ Anti-halation formulation
 - √ Costly dyed mesh is unnecessary to hold fine lines and details
- ▶ Ultra-fast exposing
 - √ Suitable for CTS exposure systems
 - √ Good wet strength, exposure latitude, and durability
- ▶ High (≈ 42%) solids content
 - √ Fast drying
 - √ Better mesh bridging for good printed edge definition
- ▶ Easy wash-out
 - √ Fast stencil through-put for high volume shops
 - √ Suitable for automatic washout units
- ▶ High humidity resistance
 - √ High durability, even during the summer season
- ▶ Excellent solvent resistance
 - √ Resists aggressive post-phthalate plastisols and most wash-up solvents
- ▶ Easy reclaim
 - √ Can be used in automatic reclaiming systems
 - √ Resists water-based and discharge inks if used with optional diazo

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