

ULANO Platinum Violet

Solvent resistant, one-component photopolymer emulsion

ULANO Platinum Violet is used for the production of high-quality, solvent resistant stencils. **ULANO Platinum Violet** is resistant against solvent and plastisol inks, it is mainly used for printing plastisol.

APPLICATION

SENSITIZING

Not applicable as ready-to-use. In order to achieve very high printing resistance, e.g. when printing with aqueous inks, **ULANO Platinum Violet** emulsion can be sensitized with **DIAZO C62** or **DIAZO C68-D** (depending on the container size). The sensitized emulsion can be stored for a minimum of 2 weeks (at 20-25°).

DEGREASING

Before coating it is recommended to clean and degrease the screen mesh to achieve reproducible coating results. Ensure proper tension of the screen mesh. Use one of our manual degreasers or degreasing concentrates for automatic units. After thorough rinsing with water and drying, the screens are ready for coating.

COATING

ULANO Platinum Violet can be done manually or by machine.

DRYING

The screen must be dried thoroughly before exposing to achieve the highest ink resistance. This should preferably be done in a dust-free drying-chamber with fresh-air inlet at temperatures of between 35-40°C. In case of large sized screens which do not fit into the drying chamber, at least increase the room temperature (e.g. with an electric heater) and ventilate the humidity

EXPOSURE

The stencil is created by UV-light hardening of the non-printing stencil parts. Expose with blue actinic light at a wave length of 320-380 nm. Most suitable exposure sources are metal halide lamps.

Due to the large number of machine types, it is essential to determine the exposure time in own trials. For instructions, refer to the manufacturers' manuals or contact your distributor or our technical department.

RETOUCHING / BLOCKING-OUT

For retouching / blocking-out use products of our screenfiller range. Ask your distributor or ULANO for advice.

DECOATING

In general, stencils made using **ULANO QX 3** can easily be decoated. If screens are coated in advance or if printed screens are not immediately decoated, it is recommended to store them protected against UV-light or daylight to prevent post-hardening and hence additional difficulties in decoating.

This data sheet is for your information. A legally binding assurance of the product's suitability for a specific purpose cannot be derived from it and no liability can be assumed for any potential damages that may occur. Our products are subject to continuous production and quality control and leave our company in perfect condition.

This product is intended solely for industrial applications and not for use by the end consumer. We recommend to our customers to always test the product themselves since only in this way – also after production – can the freedom from certain substances and the suitability for a particular purpose be verified. The user has to test the product for suitability for the intended application. We reserve the right to modify product specifications. Tests that are not part of the specifications of the product mentioned above have not been carried out.

All information applies only to the above-mentioned product obtained from Kissel + Wolf GmbH. It corresponds to our current state of knowledge, but is not a confirmation of a particular application and is not automatically replenished. All information is valid for a maximum of 12 months (annexes may be provided with their own date) or until legal changes are made in this time period. The recipient of our product is solely responsible for observing any possible property rights as well as existing laws and regulations. Property rights of third parties must be observed. Our terms and conditions of sale and delivery shall apply.

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Technical Data Sheet



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NOTICE

Please note that the printing resistance of a screen printing stencil is influenced by a lot of parameters e.g. mesh, coating technique, drying, exposure time etc. Furthermore, a lot of printing media and printing machines are being used in practice which have not all been tested by us. Therefore, please accept our offer and test the suitability of our products by asking for emulsion samples, as we can only guarantee for a constant quality according to our own working conditions.

COLOUR

Violet

VISCOSITY

Approx. 6.000 mPas (Rheomat RM 180, MS 33, D = 100 s⁻¹, 23°C)

HEALTH HAZARDS / ENVIRONMENTAL PROTECTION

Please follow information given in the safety data sheet.

STORAGE

1 year (at 20-25°C). Protect against freezing.

Screens coated in advance: at least 4 weeks (at 20°C and in complete darkness).
Dry again prior to copying.