Replaces technical information of POLYCOL PROJECT 7218 VP

Established: 27.02.03

POLYCOL® PROJECT S 6

Solvent resistant, one-component emulsion for the direct projection system

POLYCOL PROJECT S 6 is used for the production of high-quality, solvent resistant stencils made by the direct projection system. Excellent resolution and excellent mesh bridging make it suitable for printing large half-tone posters.

SENSITIZING

Not applicable, as ready-to-use.

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 manual degreasers of the PREGAN range or KIWOCLEAN degreasing concentrates for automatic units (see separate technical information). After thorough rinsing with water and drying the screens are ready for coating.

COATING

Coating can be done manually or by machine. The use of the KIWOMAT coating machine with integrated IR-dryer is especially recommended because it permits the equalization of the mesh structure with a comparatively thin coating.

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.

As the exposure time for direct projection depends on the distance of the stencil and type of projection unit, it is essential to make your own trials.

RETOUCHING/ BLOCKING-OUT

For retouching / blocking-out use products of the KIWOFILLER range. Ask your KIWO distributor or KIWO direct for advice.

DECOATING

In general, stencils made using POLYCOL PROJECT S 6 can easily be decoated with PREGASOL products.

Use a PREGAN post-cleaner to remove possibly remaining ink residue or so-called ghost images which may remain on the screen after decoating. Trials are essential as the type of residue may vary. Please make tests and ask for samples.

KISSEL + WOLF GmbH · In den Ziegelwiesen 6 · D-69168 Wiesloch · Telefon ++49 62 22 /5 78-0 · Telefax ++49 62 22/5 78-100

Established 27.02.03

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 free-of-charge emulsion samples, as we can only guarantee for a constant quality according to our own working conditions.

COLOUR

Blue

VISCOSITY

Approx. 1800 mPas (DIN 53019, D = 100 s^{-1})

HEALTH HAZARDS/ ENVIRONMENTAL PROTECTION

Please follow further information given in the material 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).

With longer storage of pre-coated screens the copying material can absorb humidity from the environment. It is therefore advisable to dry again prior to copying.