

KIWOMASK® UV 877

Screen printable, UV-curing brushing resist

KIWOMASK UV 877 is a one-component screen-printing lacquer for the selective brushing of metal surfaces. Its thixotropic formulation facilitates high-definition printing of finest details and lines.

APPLICATION

Pre-treatment: Make sure the substrate is clean and free from grease, for optimum adhesion.

KIWOMASK UV 877 is being applied by screen printing and hardened by UV light.

Recommended screen-printing parameters: Polyester mesh 165-34 Y and solvent-resistant screen-printing emulsion.

UV HARDENING

Mercury high pressure vapour lamp, required light energy: approx. 800 - 1.500 mJ/cm²

Notice: Due to the varying types of galvanic baths, it is essential to carry out tests in your own facilities. Resistance will increase by extending the exposure time.

REDUCING

Ready-to-use product, a dilution is not recommended. The reduction of the viscosity, however, may be achieved by adding max. 1-3% of KIWOSOLV L 80.

CLEANING

Commercially available organic solvent-based cleaners

Stripping: at ambient temperature with caustic soda or caustic potash solution (3-5%), or by using the ready-to-use solution PREGASOL R 800. The resist separates into easily filterable components.

COLOUR

Blue

VISCOSITY

Approx. 11.000 mPas (Brookfield RVT, 20°C, spindle 6, 20 r/min, 20°C)

HEALTH HAZARDS/ ENVIRONMENTAL PROTECTION

Please follow further information given in the material safety data sheet.

STORAGE

6 months (at 20-25°C and original container). Protect against freezing, direct sun light and other UV-light sources.