Technical Information

Replaces the Technial Information dated 19.05.18 Update: 03.05.19

KIWOMASK® W 128

Removable, screen printable, water resistant, one-component protective lacquer

KIWOMASK W 128 is a water based protective lacquer. It is applied by screen printing and protects component parts like e.g. glass against mechanical damage. After sufficient drying, these components are additionally protected against water, e.g. spray water. Carry out trials to test adhesion and removal of the dried film from different substrates. The resistance against acidic etching baths is to be tested in preliminary tests.

APPLICATION

For sufficient protection and an easy removal of the protective film, ensure a thick coating is applied onto the different surfaces. Preferably apply KIWOMASK W 128 with slow squeegee/ pre-squeegee velocity, use a screen-printing mesh of 18-180 up to 21-140 and a water resistant photoemulsion of e.g. the AZOCOL or POLYCOL range. Ask KIWO for advice.

KIWOMASK W 128 can be applied as well by spraying, rolling or dipping. For this purpose it can be reduced by 5-30% with water.

Already at ambient temperature, a good mechanical resistance is being achieved, depending on the coating thickness, approx. 35-45 minutes at 20-35°C are necessary.

In order to achieve resistance against spray water, higher drying temperatures have to be applied, e.g. 30-40 minutes at 40-50°C or 20-30 minutes at 60-70°C. High temperatures, as well as storing the parts for several hours in dry conditions before exposing it to spray water or humidity, increase water resistance.

KIWOMASK W 128 can be tinted blue with KIWOCOLOR B-07 D.

Notice: It is essential to carry out tests with KIWOMASK W 128 to make sure the product is suitable for the respective substrates.

REDUCING Water (usually the product is being applied undiluted)

CLEANING Clean stained working tools with water immediately after use. Tried residues can be cleaned with KIWOCLEAN AQ 820 reduced 1:1 or 1:2 with water.

COLOUR Colourless

VISCOSITY Approx. 2.500 mPas (Rhemoat RM 180, MS 33, D = 100 s^{-1}, 23°C)

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SOLIDS CONTENT	Approx. 45%
DENSITY	Approx. 1,05 g/cm^3
pH-VALUE	Approx. 8,0
HEALTH HAZARDS/ ENVIRONMENAL PROTECTION	Please follow further information given in the material safety data sheet.
STORAGE	1 year (at 20 - 25°C and original container) Protect against freezing.