

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)

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. Liability for damages due to a slightly negligent breach of duty on our part or on the part of our legal representative or vicarious agent is excluded. Our liability for damages due to injury to life, body or health is not covered by this limitation of liability. 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 from the date stated above (annexes may be provided with their own date). Any industrial property rights as well as existing laws and regulations are to be observed by the recipient of our product on his own responsibility. Intellectual property rights of third parties must be observed. Our terms and conditions of sale and delivery shall apply.

SOLIDS CONTENT	Approx. 45%
DENSITY	Approx. 1,05 g/cm ³
pH-VALUE	Approx. 8,0
HEALTH HAZARDS/ ENVIRONMENTAL 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.

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