

KIWOMASK® S 110

Removable, screen-printable medium

KIWOMASK S 110 is a removable screen-printable medium for the decoration or protection of glass and many other substrates against mechanical damage. After drying, KIWOMASK S 110 can be removed. Carry out tests in regards to the adhesion and removability of the dried film on the different substrates. Avoid contact with water, do not store the coated parts in humid climate.

APPLICATION

For sufficient protection and for an easy removal of the protective film, ensure a thick ink layer is applied onto the substrate. Preferably apply KIWOMASK S 110 with a slow squeegee and flood velocity, a flat angle on a mesh of 21-140 to 36-100 and a water resistant photoemulsion, e.g. of the AZOCOL range.

Should bubbles develop during printing process, add 0,05-0,1% of KIWOMIX ZL 1060.

Notice: As not all substrates and their different surfaces could be tested, please test KIWOMASK S 110 for your specific application.

DRYING TIME

Depending on the build-up thickness, approx. 90-120 minutes at 20-25°C

Drying time can be reduced with higher temperatures (e.g. approx. 30-60 minutes at 40°C). For better degassing drying at room temperature is advantageous. Avoid temperatures exceeding 80°C.

REDUCING/ CLEANING

Water

COLOUR

Blue

VISCOSITY

Approx. 5200 mPas (Rhemoat RM 180, MS 33, D = 100 s⁻¹, 23°C)

SOLIDS CONTENT

Approx. 45%

DENSITY

Approx. 1,07 g/cm³

pH-VALUE

Approx. 5,6

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.

Do not store the printed parts in a very humid climate and avoid contact with water.