

KIWOMASK® S 111 Colourless

Removable, screen printable medium, resistant to sand blasting

KIWOMASK S 111 Colourless is a removable, screen printable media, resistant to sand blasting for the decoration and protection of glass and many other substrates. After drying, KIWOMASK S 111 Colourless is resistant to all usual sand blasting processes and can be stripped or removed with water.

APPLIATION

For sufficient protection to the sand blasting and for an easy removal of the protective film, ensure a thick ink layer is applied onto the substrate. Preferably apply KIWOMASK S 111 Colourless with a slow squeegee and flood velocity, a flat angle on a mesh of 21-140 to 36-100 and a water resistant photoemulsion of e.g. the AZOCOL range. When there is no sand blasting applied, but KIWOMASK S 111 Colourless being used as a protection film over even surfaces, meshes of up to 120 threads/ cm can be used. Ask KIWO for advice.

Should bubbles develop during printing, add 0,05-0,2% of KIWOMIX ZL 1060.

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

DRYING TIME

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

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

SAND BLASTING

A blasting abrasive with a grain of approx. 150 - 220 µm is recommended. Pressure may vary between 2-4 bar.

REDUCING/ CLEANING

Water

COLOUR

Colourless/ whitely when dry

VISCOSITY

Approx. 5400 mPas (Rhemoat RM 180, MS 33, D = 100 s⁻¹, 23°C)

SOLIDS CONTENT

Approx. 46%

DENSITY

Approx. 1,07 g/cm³

pH-VALUE

Approx. 5,5

**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 very humid climate and avoid contact with water.