

KIWO MESH® X-CEL K 10 (1:10)

Liquid concentrate for degreasing and pre-treatment of screen printing stencils. Improves the flow properties of emulsions and reduces electrostatic charge of the mesh

KIWO MESH X-CEL K 10 is a concentrated, highly efficient screen mesh preparation which decisively improves the coating properties of direct emulsions and the water transference of indirect and direct screen printing films (e.g. KIWOFILM products) after the dilution of 1:10 with water. KIWO MESH X-CEL K 10 solutions also act as degreaser and wetting agent, making it a universal agent for mesh pre-treatment. Furthermore, KIWO MESH X-CEL K 10 has an antistatic action. Screens, prepared with KIWO MESH X-CEL K 10 do not show the typical problems associated with static electricity, such as spattering of the ink when printing on plastic substrates. Due to the improved adhesion of the emulsion to the mesh, KIWO MESH X-CEL K 10 also produces a higher resistance to long print runs, better printing properties of the ink and therefore a high quality print. KIWO MESH X-CEL K 10 can also be used in automatic cleaning/ decreasing units.

APPLICATION

Stir or shake well prior to use.

When using KIWO MESH X-CEL K 10 for the first time in an automatic cleaning unit, rinse the respective module with water thoroughly to ensure that there are no more residues in the system. During continuous operation, ensure that the preparation is not being mixed with other waters, especially those containing emulsifiers.

Preparation: Pour 1 part of KIWO MESH X-CEL K 10 into 10 parts of fresh water, or adjust the screen cleaning unit accordingly. Ensure that this preparation is not being contaminated by other chemical substances of the cleaning/ decreasing unit. Observe the instructions of the machine's manufacturer. Also ask KIWO for advice.

Apply KIWO MESH X-CEL K 10 immediately before making the stencil.

Do not spray KIWO MESH X-CEL K 10 when working manually with the product, in order to avoid occurrence of aerosols. Work only in closed units when applying it in automatic cleaning units.

The recommendation to dilute 1:10 with water is a standard value. When working with very fine mesh (from approx. 150-31) a dilution of 1:8 is necessary. Stronger contaminated screens should be cleaned with higher concentrations, e.g. up to 1:5.

Let KIWO MESH X-CEL K 10 react on the mesh for a short period of time (30-60 sec), then rinse with clear water. Do not use a high-pressure water-washer.

Notice: Do not let KIWO MESH X-CEL K 10 react longer than 1-3 minutes since solid particles can deposit on the mesh. Test the suitability with a sample of KIWO MESH X-CEL K 10 under your specific working conditions. Mixing the product with undefined chemicals may lead to precipitations we assume no liability for.

Indirect or water transferable stencil making films (capillary films) can easily be transferred onto the mesh. The screen must be dry before coating with direct photoemulsions or stencil making films which are to be applied using transfer emulsions.

COLOR	Red - violet, slightly turbid
CONSISTENCY	Liquid to slightly gel-like
HEALTH HAZARDS/ ENVIRONMENTAL PROTECTION	Please follow further information given in the material safety data sheet.
STORAGE	2 years (at 15-25°C and in tightly closed original container).