WORKING INSTRUCTIONS & SAFE HANDLING

Pre-sensitized emulsions

Preparing Emulsion

Handle the direct emulsions under yellow fluorescent tubes or low wattage Tungsten light.

Prior to use this emulsion read the Safety Data Sheet.

Stir thoroughly for approximately 2-3 minutes to avoid any separation of components in the container.

Mesh Preparation

<table>
<thead>
<tr>
<th>Unused polyester mesh</th>
<th>Alkemi Autoprep Gel and Alkemi Universal Mesh Prep or Alkemi Degreaser Concentrate</th>
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<tbody>
<tr>
<td>Used polyester mesh</td>
<td>Alkemi Universal Mesh Prep or Alkemi Degreaser Concentrate</td>
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<tr>
<td>Stainless Steel mesh</td>
<td>Alkemi Universal Mesh Prep or Alkemi Degreaser Concentrate</td>
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Coating & Drying

Stand the screen on edge, angled away from the operator and, using a good quality coating trough, proceed as follows:

1. Apply 2 coats to the print of the screen.
2. Apply 2 coats to squeegee side.
3. The screen should be dried horizontally, squeegee side up and stored under dark or yellow light conditions. Dry the screen at a maximum temperature of 30°C (86°F).
4. Additional coatings may be applied to the underside of the screen with intermediate drying.

Exposure

CORRECT EXPOSURE IS ESSENTIAL FOR OPTIMUM STENCIL PERFORMANCE. UNDEREXPOSURE WILL GIVE A WEAK STENCIL AND REDUCE RESISTANCE.
Remove dust from the surface of the stencil and tape positive in position using Alkemi Anti-Dust Cloths. Place entire screen in a suitable vacuum frame and expose. We recommend use of the Alkemi Exposure Calculator for test exposures to ascertain correct timing.

**Washout & Drying**

Washout the screen from both sides with a strong spray of water. Continue the washout until all parts of the image appear clean and sharp. Blot off surplus moisture with newsprint or a leather and dry at a maximum temperature of 30°C (86°F).

Spot out blemishes with sensitised emulsion (for water-based inks) or Alkemi Blue Block, Green Block or Ruby Block (UV or solvent based inks).

**Stencil Removal**

Remove ink from the screen, with Alkemi Screen Wash. Apply the Alkemi Stencil Remover Concentrate with the Alkemi Brush to both sides of the screen. Leave it on for 2-4 minutes. Remove with a strong water jet or high pressure washer. If a stain or ghost image remains, use Alkemi Haze Remover HV or Alkemi Autohaze.

**Contact information**

For any questions please contact

<table>
<thead>
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