

PRO IMAGE WM ECO

PRODUCT DESCRIPTION

Ready-to-use PPE photoemulsion suitable for the preparation of DMD/DLE optical CTS exposure systems for textile printing

APPLICATION FIELD

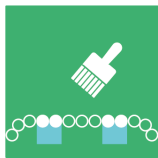
Photoemulsion indicated for printing with:

- Water based inks

CHARACTERISTICS

- Colour: blue
- Viscosity: around 5.000 cps (25°C)
- Suggested mesh: from 55 Th/cm to 90 Th/cm
- Very high edge definition
- Excellent resolution
- Solvent free

APPLICATION PROCESS



FABRIC PREPARATION

New fabric: degrease with products of the Cleanser.

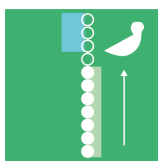
Recovered fabrics: operate in advance with Polistrip series product and then with Cleanser product series.



SENSIBILIZATION

Sensibilization is not necessary

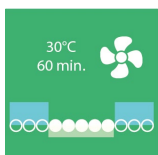
Ready to use product.



APPLICATION

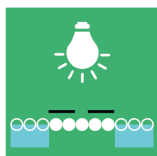
The application depends on the mesh of the screen. For a 62 Th/cm mesh It's recommended to apply a photoemulsion layer on the printing side and a photoemulsion layer on the squeegee side (by following the indicated sequence).

We recommend the use of an automatic coating system to obtain an optimal flatness, thus ensuring an ideal Rz value



DRYING

After application, dry the frames horizontally with the printing side down in a ventilated oven for about 60 minutes. It is recommended to dry at a temperature between 30°C and 40°C. Too high temperatures could compromise the development of the frame. Drying times change depending on the amount of applied photoemulsion.



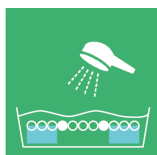
EXPOSURE

The exposure time is influenced by:

Type and quality of light source

From the thickness of the photoemulsion (EOM)

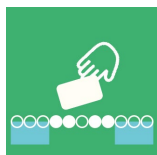
Type of CTS equipment



DRYING

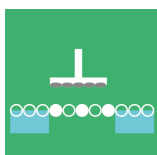
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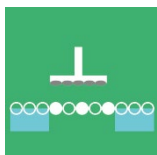
RETOUCHES

Retouches can be made by the sensitized product. Repeat the exposure to the light



RECOVERY

Screens can be re-used only before any hardening with Polistrip product series



HARDENING

If it is necessary to increase the mechanical resistance, PRO IMAGE WM ECO can be hardened by means of cold chemical hardening treatment with Catalyst 210 (cod. M160210K001000) (see technical data sheet) The emulsion becomes then permanent



SPECIAL RECOMMENDATIONS

Always test the characteristics of the product before starting a production.

Always use the product in a yellow light protected environment.

Sensitized emulsion when stored at a temperature between 4 °C- 10 ° has a pot life of about 4-6 weeks.

The emulsion stored at a maximum temperature of 25 °C has a duration of about one year

Safety data sheet available on request

PACKAGING

M224200EK005000	5 Kg
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IMPORTANT INFORMATION NOTE

The information contained in this data sheet is not to be considered exhaustive, but anyone who uses the product for any purpose other than that specifically recommended on this document without a precise written confirmation from us, He does it at his own risk.

Although we strive to ensure that all the advice given here about the product is correct, we do not have any control over the quality and conditions of the support, or the multiple factors that may affect the use and application of the product.

Therefore, except for specific written agreements, we do not accept any responsibility - of quality nature and in whatever way it occurs - for the performance of the product, nor for any loss or damage resulting from the unauthorized use of the product.

The information contained in this document is subject to periodic reviews, based on experience and our policy of constant product improvement.