



ELECTA

Code M222906

PRODUCT DESCRIPTION

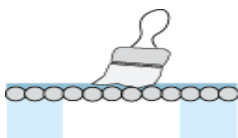
One pot Polymer emulsion (PPE), medium high solids, upright coating quality and good reactivity to UV radiation.

APPLICATION FIELDS

ELECTA has been formulated for graphic quality applications, POS, nameplate and electronics. For use on medium to fine mesh count.

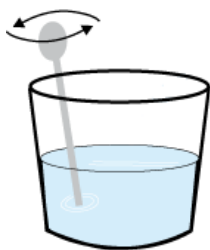
GENERAL FEATURES

- Maximum resistance to solvents, graphics inks and UV curable
- Short exposure times
- Ready to use
- Easy recovery of screens
- Suitable for medium / fine fabrics
- Solvent-free
- Blue color
- Solid 35%



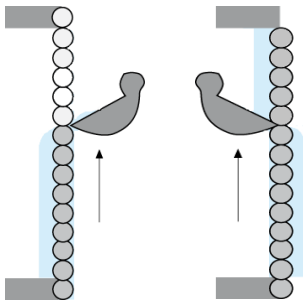
PREPARATION OF THE FABRIC

- New fabrics: degrease the fabric with **CLEANSER**
- Recovered fabrics: operate in advance with **SPARK BOON** or **CLEANER STRIP PASTA**, later treat with **CLEANSER**



SENSITIZATION

ELECTA does not need any sensitization.



APPLICATION

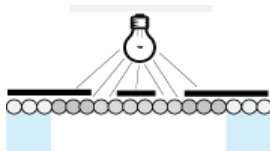
The application process is constrained to the type of mesh used. We indicate mesh count from 77 up to 150 th/cm. As a model is indicated to apply:

- One single coat to each side of the screen
- One second coat on the squeegee side

If a higher build is required, extra coats should be applied on the squeegee side of the screen.

- Dry in a ventilated oven at 30°C-35°C

Placing pictures stencil in a horizontal position with the print side down. The drying time varies depending on the amount of photoemulsion applied.



EXPOSURE

A proper exposure is needed to ensure the best performance of the screen. One wrong exposure value cannot guarantee the necessary resistance during printing. It is also recommended to use the **Exposure calculator** for targeted preventive tests to detect the correct times.

The following table has indicative values

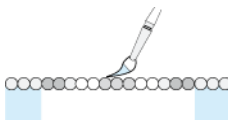
Fabric	Application method (print side + squeegee side)	Exposition time
77.48 W	1 + 2	18 s
120.34 W	1 + 2	11 s
120.34 Y	1 + 2	30 s
150.31 Y	1 + 2	30 s

Lamp MH 5kW; distance 100cm; application of the emulsion with automatic system.

DEVELOPEMENT

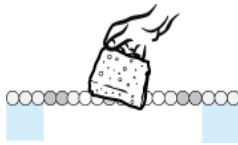


- Dip the screen in a tank with water (room temperature) for about 5 minutes
- Rinse with water spray gun on both sides of the screen until the complete opening of the details of the design
- Dry in an oven at a maximum temperature of 30°C



RETOUCHING

Any retouches can be done with the sensitized emulsion. Perform subsequently a few minutes post exposure to light.



RECOVERY

We recommend the use of products of **POLISTRIP** series if necessary.

PACKAGING

- 1 KG – **M222906K001000**
- 5 KG – **M222906K005000**

SPECIAL RECOMMENDATIONS

- Always test the characteristics of the product before proceeding to the application.
- Always use the product in a yellow light screened environment
- The emulsion, when stored at a maximum temperature of 20°C has a shelf life of about two years.
- Safety Data Sheet available on request

IMPORTANT NOTE

The information in this sheet are not intended to be exhaustive and is based on our current knowledge and on current laws: anyone who uses the product for purposes other than those specifically recommended in the data sheet without first obtaining written permission, does it at his/her own risk.

Although we strive to ensure that all advices we give about the product are correct, we have no control over either the quality and the condition of the substrate or the many factors affecting the use and application of the product.

Consequently, in the absence of a specific written agreement, we accept no liability for product performance or for any loss or damage caused by it. The information contained in this form are subject to periodic changes in the light of experience and our policy of continuous development. It is user's responsibility to check that this sheet is current prior to using the product.