



SCREEN - SOL 400 BLU

Codice: AM100006

APPLICATION FIELDS:

Flat printing. Resistant to water based, plastisol, UV and solvent based inks.

GENERAL FEATURES

- Diazo-polymer emulsion blue.
- Medium viscosity
- Solid content: 38%
- Pot life of the sensitized emulsion: 1 Month

PREPARATION

Add water to diazo-sensitizer and shake well, then mix the whole dose with **SCREEN-SOL 400** and let it settle for some time to eliminate air bubbles.

Since it is a polymer emulsion we recommend to work in an area with yellow light even before adding Diazo

APPLICATION

We recommends to degrease the mesh . The ideal application is according to the mesh type, ink used and the RZ value that you want to obtain.

As a general indication, we suggest you to apply 1 or 2 coats of emulsion on the external face of the screen and 1 or 2 coats on the internal face, wet on wet.

DRYING

In ventilated oven, in horizontal, at 30-35°C for 40-60 minutes according to the coating thickness.

EXPOSURE

Lamp type, distance from lamp to screen, mesh type and coating thickness can affect exposure time

To determinate the correct exposure time we suggest to make some test with an exposure calculator.

Amex srl gives the a/m suggestions as guidelines for the customer and assumes no liability direct or indirect for any improper use. It is the user's responsibility to determine the suitability of the product to the intended use according to his working conditions.

Our suggestion:

Lighting halogen:	5000W
Distance	1 mt
Application:	1-2 int. coats 1-2 ext. coats
Mesh 120.34 white	60 sec.

DEVELOPPING

Soak the screen in water for a few minutes or immediately apply a medium-pressure jet until the pattern has opened completely. Then place in an oven to dry.

CATALYSIS

The particular formulation of **SCREEN SOL 400** does not require the use of a catalyst, ensuring excellent resistance against all screen printing inks.

If you wish to further increase general resistance or if the printing environment is very humid, which could marginally affect the stencil's resistance, we suggest you use **SCREEN SOL CATALYST**.

RECLAMING

The emulsion if not catalysed can be removed from the fabric. We recommend to remove accurately the ink with suitable products before reutilization. For this purpose you can use **STRIP** according to the instructions given in the product's technical data sheet

POT-LIFE

If stored in its original container at a temperature between 15 and 25°C **SCREEN SOL 400** will preserve its characteristics for at least 1 year from the date of production.