

FLAT BED MR-50

FOR TABLE SCREEN & FLAT BED SCREENS

Chemistry of today has enable the manufacture of products like PHOTO EMULSION instead of using a simple PVA for coating a flat bed screen which can reproduce the SHARPEST Photographic details. This direct emulsion develops into a smooth but very tough & durable screen that enable to extent LONGER PRINTING RUNS.

APPLICATION OF FLAT BED:

Take 1 kg of FLAT BED and add 80ml to 100ml of supplied sensitizer & stirs well & filter.

CONATING OF THE SCREEN:

After the screen has been degreased with the degreaser it is then dried in dust free atmosphere & then coated in the dark room with the above sensitizer, a squeegee or a doctor blade is most ideal metal as it can give very even coating. Once the emulsion is poured into such doctor blade the coating starts from the outer surface of the screen from bottom to top. Second coat from the outside is recommended for longer printing demands.

EXPOSING THE SCREEN:

It is most important to hace yellow or red light in the dark room, 25° C room temp. is recommended, Exposing time depends upon the source of the light, florescent light which is the most common light source used in India.

DEVELOPING TIME OF SCREEN:

Developing of the screen is done in dark room with cold water spray gum. After the drying the screen under sunlight the screen is completed by side filling, joint touch up etc. with same sensitized FLAT BED.

STORAGE :

NOT SENSITIZED 12 to 20 months (30° C)
SENSITIZED # 3 days when stored in cool dry place .

PACKING:

FLAT BED available in 10.30 kgs carboys sensitizer supplied with emulsion in 1 kg Bottle.