

easyCOAT – Platinum 1

PROPERTIES

easyCOAT Platinum 1 Emulsion is specially design for precision stencil application, for high demanding industry like LCD, keypad, display board, etc. Emulsion hardness is on the soft side, bridging property is very sharp and resolution is good. Fineness particles size and excellent flow property make its Rz value very low and good surface property is easy to achieve. Sharp printing result is easily achieved due to a good surface contact, and good ink flow property.

Special property: fine solid content, viscosity is very good film build up property
Good shelf life, both the wet and dry emulsion
Elastic and tough film property, solvent resistant and sharp line
Good adhesion and bridging with the mesh

Viscosity: 6000 ~ 8000 cps

Solid content: 31%

Solvent resistant: Very Good with Toluene; Xylene; Cyclohexanone; Acetone; good with Butyl base solvent; Ethyl acetate; Cautiously resistant against: MEK

Suggested exposed time: 45 ~ 60 seconds for 15 micron EOM on 305 mesh count; white

Light source: 80cm apart, 3000W Mercury light

Shelf life: guarantee 12 months

SPECIAL INSTRUCTIONS FOR USE

Please dry the stencil below 40 ° Cels., after the coating of emulsion, a mild air blow will even be better. Hot temperature curing could damage the stencil performance.

To achieve good film build up and low Rz value, this is suggest to coated repeated on the stencil, print side/squeegee side = 1/1; dry; 2/2; dry; 2/0; dry; 2/0; dry

Used emulsion has to be filtered before storage for future use.

Storage environment is suggested at low temperature, especially after sensitizing, this has to be cold storage.

TECHNICAL SERVICE AND INFORMATION

For further information or other relevant data, please do not hesitate to contact us. We have a team of well-trained personnel who are ready to give help and advise regarding product information and application.