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English



Engraving chemicals for rotary screens printing

SCR 110

Universal engraving emulsion

For machine coating of rotary screens of all mesh counts. This product can be applied using double squeegee top to bottom and single squeegee bottom to top coating techniques.

Coated screens can be used for film exposure and laser engraving.

Easy coating, uniform coating layer.

SCR 110	Before polymerisation:	blue
	After polymerisation:	green-blue

After polymerisation (2 hours at 180°C) the emulsion is chemically and mechanically resistant to all printing pastes.

The emulsion must be well mixed with the sensitiser SCR 101 one day prior to use. In order to obtain an even coating layer with different coating techniques the emulsion can be diluted with maximal 100 grams of water.

COATING:

SCR 110 is **not** advised for dip-coating applications.

DOUBLE SQUEEGEE COATING (top to bottom)

Lacquer	SCR 101	Water	Coating speed
1000 g	50 g	0 g	The optimal coating speed depends upon the mesh count of the screen. Coating speeds up to 2 m/min are possible.

SINGLE SQUEEGEE COATING (bottom to top) ON RSE 3100

Lacquer	SCR 101	Water	Coating speed
1000 g	50 g	0 g	The optimal coating speed depends upon the mesh count of the screen. Coating speeds from 1 to 8 m/min are possible.

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EXPOSURE TIME

Since local working conditions can vary considerably (such as light source, temperature, and relative air humidity) we recommend that you determine your own ideal exposure time.

Not sensitised: 9 - 12 month (between 5 - 20°C).
 Sensitised: 3 days, when stored in a dry and dark place at 5 to 10°C.
 Coated Screens: 3 days, when stored in a dry and dark place at 5 to 10°C.

SCR 110 Packed in a 5 kg container, 4 containers in a box
 SCR 110-20 Packed in a 20 kg container

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