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English



Engraving chemicals for rotary screens printing

## SCR 100

Universal engraving emulsion, yellow-brown

For manual or machine coating of rotary screens of all mesh counts.

Easy coating, universal design quality

SCR 100      Light blue  
 After polymerisation :    Yellow-brown

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

### COATING

#### SINGLE SQUEEGEE, DIP COATING (top to bottom)

Standard coating for conventional engraving.

Coating thickness : 18 - 20 microns.

Emulsion	SCR 101	Water	Coating speed
1000 g	50 g	0 g	11.8 cm/min
1000 g	50 g	100 g	30 cm/min
1000 g	50 g	200 g	40 cm/min

#### Coating for laserengraving, transfer printing and conventional engraving of delicate halftones.

Coating thickness : 6 - 8 microns.

Emulsion	SCR 101	Water	Coating speed
1000 g	50 g	200 g	11.8 cm/min
1000 g	50 g	300 g	30 cm/min
1000 g	50 g	350 g	40 cm/min

SCR 100 is not advised for double squeegee coating (top to bottom) and on the RSE 3100 machine (bottom to top).

### MANUAL COATING

Emulsion	SCR 101	Water	Coating speed
1000 g	50 g	0 g	

### EXPOSURE TIME

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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.

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Not sensitised: 12 to 18 months ( 5- 20 °C).  
Sensitised: 3 days, when stored cool (5 to 10 °C) and dry.

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SCR 100: 5 kg container, 4 containers in a box  
20 kg container

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