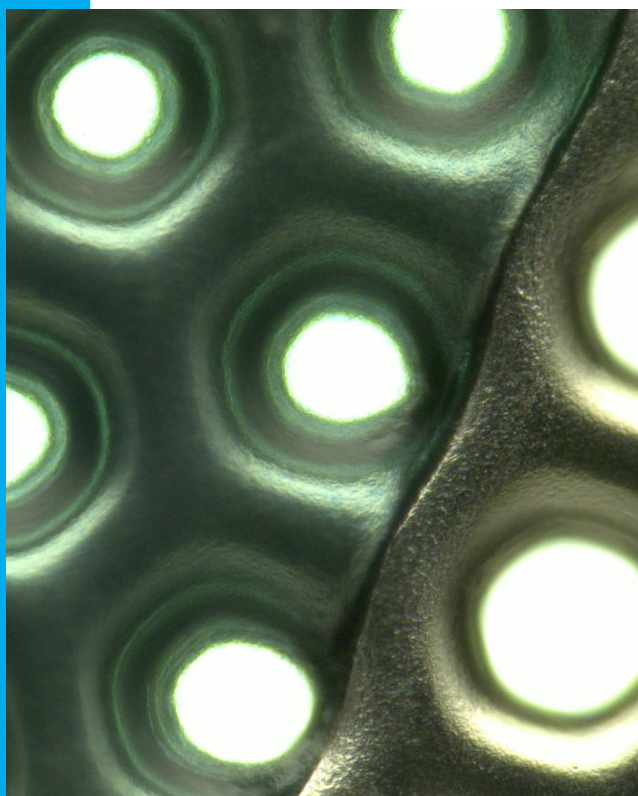


PRODUCT
DETAILS
ONLINE



ROTACOAT® 338 Q Green

Chrome-free, one-component rotary-printing emulsion for textile and wallpaper printing



Product benefits

- chrome-free
- 1-component, no sensitizing necessary
- ready to use for double squeegee coating, can be diluted for single squeegee coating
- excellent exposure reactivity
- suitable for all common CTS systems
- high resolution and perfect detail reproduction
- resistant against all common textile printing media
- hardening and curing 60 min. at 180 °C

ROTACOAT® 338 Q Green

ROTACOAT 338 Q Green is used for the engraving of rotary printing screens by conventional film, wax and inkjet. Its excellent exposure reactivity makes it also suitable for BlueRay laser systems such as SPG Prints smartLEX, Lüscher JetScreen DX, but also for DLE CTS systems. ROTACOAT 338 Q Green has excellent flow properties, is mild in odour with very good resolution and reproduction of details. After heat-curing, it shows excellent resistance to all commonly used printing pastes.

Standard preparation for machine coating

Double squeegee coating

Undiluted: 0 - 50 g/kg water

Speed: 80 – 200 cm/min. from top to bottom

Single squeegee, respectively immersion coating

Diluted: 200 - 300 g/kg water

Speed: 12 - 15 cm/min. from top to bottom

Engraving by exposure

Expose the coated and well-dried screen with a BlueRay UV laser or DMD-LED computer-to-screen (CTS) system in a wave length range of 320 - 420 nm or with conventional film or inkjet exposure systems. Soak the exposed screen for 5-10 min. in a water bath and develop it with low to medium water pressure. Alternatively, the screen can be developed in an automatic developing machine.

Engraving by CO₂ burning laser

After being heat-cured, the dried rotary screen can be engraved with a CO₂ burning laser. The frequency and energy setting of the engraving machine depend on the emulsion type and coating thickness. They have to be adjusted in a way that the lacquer burns-off completely.

Hardening / Heat Curing

The well-dried screen (drying cabinet!) is heat-cured for 60 min. at 180°C. Ensure an even and uniform temperature in the curing oven (+/- 5 °C). Before heat curing, ROTACOAT 338 Q Green can be de-coated with PREGASOL products.

Ask for a sample to be convinced by hands-on-tests!

