

USING FIELDS & FEATURES

- S-5100 is a mechanical cracking clear, used to achieve cracking effect in textile printing. It can be used as a clear or coloured with PIGMENT-MIX series pigments.
- It does not dry and block the screen during printing.
- Washing and rubbing tests are advised to be made 24 hours after curing.



PHYSICAL-CHEMICAL PROPERTIES

Appearance:	Transparent Paste
pH :	8.5-9.5 (20 °C)
Density :	1.00 g/cm ³ (20 °C)
Viscosity :	(20 °C) sp: 7, rpm: 20 Brookfield + : > 50.000 [mPa.s]

APPLICATION

Printing

The best results can be achieved with 43 – 55T mesh. Double screens with flash cure are recommended for having better opacity and cracking effect. For achieving cracking effect, printed fabrics should be stretched after curing or washing.

Mixture

For colouring S-5100 cracking clear base, PIGMENT-MIX series (3-6 %) pigments are added. PIGMENT-MIX series pigments are recommended.

Recommended formulation for having best opacity and high quality cracking effect;

S-5100 Cracking Clear Base	75%
S-5200 Cracking White	25%
PIGMENT-MIX Series Pigment	3-6%

To increase the viscosity, S-7600 Thickener is recommended. Do not use / add water to reduce the viscosity. Stir well before every use. Do not use any other additives that are not advised. Used screens and materials can be cleaned with pressure water.

Curing

Should be cured at 160 - 170 °C for 1,5 - 2,5 minute.

IMPORTANT

The information given above is related to the product mentioned on this brochure and is designed only as using instructions. It is essential that all batches of fabric and prints are pre-tested under production conditions to ensure that acceptable results and fastness are achieved.

Washing

Before production washing tests should be made as required. Washing test should be made 24 hours after curing. Check the dryer belt speed and temperature if washing tests are not in required acceptability.

Stencil / Emulsion

Most direct emulsions suitable for water based can be used. Seritex hardener is recommended for hardening.

SAFETY & STORAGE

For optimum shelf life, all products should be stored at moderate temperatures, between 5°C and 30°C. Storage outside of these temperatures may lead to deterioration in the performance of the product. Prevent from freezing. It should be consumed within 12 months after the production date.

Contact Serimak or supplier for the latest information concerning the compliance of Serimak inks.

In addition users must be aware of potential sources of contamination such as squeegees, flood coaters, screens and curing equipment which may all contribute trace amounts of restricted phthalate materials from previous use with other inks or additives.

PACKING

Available in 30/55 kg containers.

