

USING FIELDS & FEATURES

- S-1100 is a water based pigment printing base for light backgrounds, used to achieve soft hand feel with lower curing conditions in textile printing.
- S-1100 can be 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 : 1.10 g/cm³ (20 °C)

Viscosity : (20 °C) sp: 5, rpm: 20 Brookfield + :
15.000 – 18.000 [mPa.s]

APPLICATION

Printing

The best results can be achieved with 55 – 62T mesh.
For achieving fine details & half tone images prints, 70-90T mesh can also be used.

Mixture

For colouring S-1100 pigment base, PIGMENT-MIX series (3-6%) pigments are added.

To avoid fibrillation after wash or / and to gain anti foil feature, S-7100 Fixing Agent (1-3%) can be added.

To reduce the viscoisty, water (1-3%) is added everytime viscosity gets lower.

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 140 - 160 °C for 1,5 – 3 minute.

Washing

Before production washing tests should be made as required.

Washing test should be made 24 hours after curing.

Please bare in mind that the dryer belt speed and temperature is a crucial Matteer on achieving the best washing results.

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.

Stencil / Emulsion Type

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 55 kg containers.

