



CSC Screen Process Supplies Sdn. Bhd.

431984-A

PRODUCT INFORMATION

Ecosol II Autumn Series (Cracking/Brittle)

GENERAL INFORMATION

Ecosol II Autumn is a two pot brittle (or cracking) ink for our eco-solution ink. Ecosol II Autumn is PVC, Phthalate and Formaldehyde free, environmental system for achieving of brittle or crispy cracking effect similar to the brittleness of the autumn dried leaves brittleness.

Autumn Series are sold in 2 parts. Part A (Autumn Catalyst) which is an additive and is used at the ratio of 1:1 or 2:3 with Part B (Autumn Base or Autumn White).

Normally Autumn White was used for products that required whiteness or opacity.

TYPE OF FABRICS

Cotton, Blends Cotton Polyester and some Syntactic Fabric.

*** ALWAYS PRETEST FASTNESS PROPERTIES BEFORE PRODUCTION. ***

APPLICATION TIPS

For Brittle Effect

- Add at the minimum ration of 3:7 to the maximum ratio of 1:1 of Ecosol II Autumn Catalyst into the Ecosol II Autumn White or Base system and stir well.
- Add Ecosol II PC colors to your desire colors.
- Print and cure the ink at 160°C for 2 minutes.
- Perform fastness test only after the print was cool to room temperature.

- 1.) For opacity use Ecosol II Autumn White.
- 2.) To achieve excellent high density, thick films are recommended for high density printing.
- 3.) Always try out the correct dosage of Ecosol II Autumn Catalyst dosage prior production.
- 4.) Cure at optimum temperature and stretch fabric when it had fully cool down.

TYPE OF STENCIL & MESH

39 to 59 metric mesh counts with high solid contain emulsion for thick screen at approximately 200 micron thickness are recommended. (Refer to your stencil suppliers)

SQUEEGEES AND PRINTING TABLE.

Soft squeegees at 65 shore hardness are recommended.

DRYING AND POLYMERIZATION.

For maximum fastness, prints are to be cure at a minimum of 160°C, if below or as recommended by the manufacturer. Airflow recommended is 1500 cfm for 120 seconds for ink deposit of 100 micron.

STORAGE

Keep ink in an indoor condition away from direct sunlight. Once bases and catalyst are added, ink can only be store for 30 days (check mixed ink condition prior using)

OTHERS IMPORTANT TIPS.

Tips: The higher the catalyst ratio the higher the brittleness and the poorer the fastness properties.

Customers are recommended to always pretest performance of additive prior production.

Autumn can been use in conjunction with direct flocking and reflective beads for special effect requirement. (Contact CSC technical department for advice for technical application)

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