



PRODUCT INFORMATION

GENESIS AUTUMN SERIES

GENERAL INFORMATION

Genesis Autumn is a high Tg hardness acrylic core shell waterbase system ready for use ink. Genesis Autumn consists of Genesis Autumn White and Genesis Autumn Clear. Genesis Autumn will not give cracking effect when it was dry and mechanical stress is required. Cracking effect happen is on random basis and is also being effected by thickness of ink deposit as well as type of mechanical stress applied.

TYPE OF FABRICS

Cotton, Blends Cotton Polyester, Polyester, and some Nylon.

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

APPLICATION METHOD

White

Genesis Autumn White HO can be used direct from the can.

Color

Genesis Autumn Clear can be use direct for high yield cracking colors with Cassee Pigment concentrate. In dark garment, Genesis Autumn White HO can be mix with Genesis Autumn Clear to obtain to the opaque that you desire for your cracking line.

*** Use tumble dryer, hand stretching or garment washing to crack Genesis Autumn Series print ***

TYPE OF STENCIL & MESH

Used only water resistant, direct in direct emulsion.

Contact your emulsion supplier for water resist emulsion

49S/120S to 54T/135T mono-filament

SQUEEGEES AND PRINTING TABLE.

For maximum opacity 55/65 shore hardness squeegee are recommended. Soft tables are most suitable.

DRYING AND POLYMERIZATION.

For maximum fastness, prints are to be cure at 150°C/302°F for 3 minutes Air flow recommended are 2000 cfm/56 m³/min for proper polymerization.

PACKING AND STORAGE

Genesis Autumn products are pack in 20 liters packing.

Always store ink under shade at below 35°C /95°F. This product should not be prolonging to exposure to frost or below 0°C/32°F.

HANDLING, TOXICITY & HAZARD

Genesis Autumn Series is total green with meets E1 standard on all RSL regulatory. Genesis Autumn Series is non-volatile (waterbase). Genesis Autumn Series is made using renewable power (Power by Solar) and from material that is non-carcinogenic and non-environmental hazard.

OTHERS IMPORTANT TIPS.

We suggest to always flooding screen with ink when completed every printing stroke to prevent ink from drying on screen.

Avoid printing detail immediately after flash curing.

Flash curing temperature required is 220°C/428°F for 5 to 6 seconds.

To achieve excellent fastness you might need to add Catalyst Binding Agent up to a maximum of 2 % by weight to Genesis Autumn as well as underbase Genesis E1 Series.

Info: 11.10.2014.