

ECO 88 S

USER INFORMATION

Analogue positive offset plate for imaging on CTcP platesetter. The coating is sensitive to ultraviolet lamps or violet diode laser at 400 - 410 nm. For medium-long runs.

PLATE GAUGES

Standard: 0,15 / 0,30 / 0,40 mm.
On request: 0,20 / 0,24 / 0,50 mm.

COATING - EXPOSURE

Coating colour: dark blue.
Colour change after exposure: high.
Contrast after developer: high.
Day light sensitivity -UV-: It is recommended to work under safety yellow light of low UV radiation.
Spectral sensitivity: 350 - 450 nm. with peak sensitivity at 400 nm.
Usable on platesetters with internal drum or flat bed.
Screen reproduction: 1% - 99% at 200 l.p.i.
Resolution: up to 3200 dpi and stochastic (FM) screen 20 microns.

DEVELOPMENT

Use developer **IPAGSA HF-LD** in suitable processors for analogue and/or thermal positive plates.
Developer temperature: 23 °C ± 1 °C.
Development time: 30 ± 5 seconds in immersion.
Replenishment: use developer **IPAGSA HF-LD** as a replenisher.
Replenishment rate: 120 ml/m².
Antioxidant Stand by ON: 100 ml/h.
Antioxidant Stand by OFF: 100 ml/h.

GUMMING

Apply **GUM M-3** ready to use for short period of storage.
For long terms storage, apply **GUM F-20**.
For hardening of the image by baking apply **GUM T-10**.

DELETION

Use gel **KR-78** or **IPAGSA** deletion pens with wide, medium and fine point.
Apply over the area to be corrected and leave for 20 - 30 seconds. Remove by washing with abundant quantities of water.

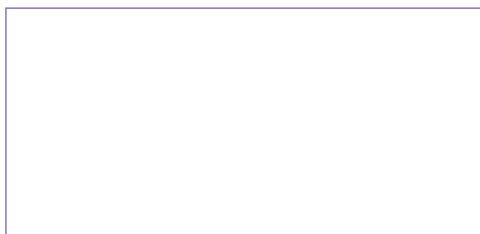
BAKING

Hardening of the image by baking will increase the press life of the plate.
Before baking apply **GUM T-10** for protection of the plate during the process.
Baking conditions: Off-line oven: 200 - 220 °C during 6 - 8 minutes.
On-line oven: 230 - 250 °C during 3 - 4 minutes.

ON PRESS

CLEANER A-610 as preparation for the background areas prior to starting the print run.
Avoid systematic use, the solvent base of the cleaners could damage the image and reduce print capacity.
Fountain solution additives **IPAGSA PH SYSTEM** are suitable for all sheet fed and web presses.
Recommended pH range: 4,8 - 5,2.
Recommended conductivity range: 800 - 1.500 microsiemens.

Note: The results obtained may vary depending if the conditions of use are outside of our recommended values.



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