

G-PLUS II

Analogue Positive offset plate for medium runs. The coating has a suitable sensitivity and is sensitive to UV lamps emitting at wavelength between 350-450 nm. G-PLUS II is ideal for sheet-fed and commercial web presses.

GAUGES

Standard: 0,15 – 0,30 – 0,40 mm.

On request: 0,20 – 0,25 mm.

COATING EXPOSURE

Coating color: Green.

Contrast after developer: High.

Spectral sensitivity: 350 - 450 nm. With peak sensitivity at 400 nm.

Energy required approx.: **90-100 mJ/cm²**.

The black density of the film should be 2.5 minimum.

Exposure: Use UGRA 1982 or STOUFFER scales in order to get the following results:

Grey scale - continuous tone -: clear n. 3 –density 0,45-

Microlines: **8-10 microns**

Screen reproduction: **2% - 98% at 250 l.p.i.**

Day light sensitivity – UV: Yellow safelight.

DEVELOPMENT

Use ABEZETA **Developer ABCH-6550220** ready to use at the following parameters:

Bath Temperature	23 ± 1°C
Development time	30 ± 5 seconds
Replenishment	ABCH-6550220
Replenishment rate	100 - 120 ml/m ²
Anti-ox Stand by ON	90 ml/m ²
Anti-ox Stand by OFF	90 ml/m ²

GUMMING – PLATE CLEANER

Apply ABEZETA **GUM ABCH-6970110** ready to use for long-term storage.

Apply ABEZETA **GUM ABCH 6970310** ready to use for baking in oven.

Apply ABEZETA **Plate Cleaner ABCH-69002** for ink removal and hydrophilic areas preparation.

BAKING

G-PLUS II plate allows to print UV ink with post-baking to getting longer press runs.

Before baking, apply ABEZETA **GUM ABCH 6970310** for protection.

Baking conditions:

Off-line oven: 230°C during 4 - 5 minutes.

On-line oven: 250°C during 3 - 4 minutes.

ON PRESS

ABEZETA Fountain solution additives are suitable for sheet-fed and web presses.

Recommended pH range: 4,8 – 5,2.

Recommended conductivity range: 800 – 1.500 µS.

Run-length unbaked: 70.000 – 100.000 impressions.

Run-length baked: 700.000 impressions.

Run-length can vary according to printing conditions, ink, paper and imaging content.

STORAGE CONDITIONS

Keep away from light and store in a dry and cool place.

Do not pile up more than 1.000 Kg.

Storage temperature: Max. 30°C.

Relative humidity (RH): Max. 65%.

Shelf life: 18 months from the production date.