

TECHNICAL DATA SHEET

1. IDENTIFICATION OF PRODUCT

1.1 Product: Presensitised Positive Offset plates

Ref. **ABEPLATE G-PLUS II**

1.2 Company: **ABEZETA S.A.**
c/ Valencia 348
08009 Barcelona (Spain)

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2. PROPERTIES

- High contrast.
- Excellent dot reproduction.
- High copy resolution.
- Guaranteed durability (50.000 – 60.000 units)
- Good ink absorption.
- Good latitude.

In order to achieve the best resolution and durability results, you have to work under optimum developing and exposing conditions.

3. EXPOSURE

ABEPLATE G-PLUS II can be exposed with metal-halide or UV lamps that emit in the wave-length between 300 – 500nm (Lamp 3000W; Iodine Gallium – 1 mt of distance).

The black density of the film should be 2.5 minimum.

Exposure time should be between 45-60 seconds depending on light source and intensity. In order to determine the correct exposure time it is recommended to use scales UGRA 1982, STOUFFER, or similar.

3. DEVELOPMENT

- **ABEPLATE G-PLUS II** can be developed with all types of universal positive developers.
- The best results are obtained using Abezeta's self-regenerating developer **ABCHGC14** (Concentrated 1+7) and **ABCH65502** (ready-to-use).
- Temperature of developer:

Manual: 22 – 24°C
In processor: 21 – 25°C

(If it is used over 30°C, plate could be seriously damaged)

- Developing time:

Manual: 30 – 40 seconds
In processor: 25 – 35 seconds

4. WAREHOUSING

- Keep away from light and store in a dry place.
- Do not pile up more than 1000 Kgs.
- Conservation temperature: 18-28°C (High temperatures can affect the quality of the plate)
- Relative humidity: Lower than 65%

December 1, 2012