



abeplate
INFINITY

High chemical resistant Thermal Positive offset plate. The coating is sensitive to Infrared diode laser (IR) at 800-850 nm. For long runs both standard and UV inks without post bake

GAUGES

Standard: 0,15 – 0,30 – 0,40 mm.

On request: 0,20 – 0,25 mm.

COATING EXPOSURE

Coating color: Blue.

Contrast after developer: High.

Spectral sensitivity: 800-850 nm. With peak sensitivity at 830 nm.

Usable on all thermal platesetters with internal and external drum.

Energy required approx. **100-110 mJ/cm²**.

Screen reproduction: **1% - 99% at 400 l.p.i.**

Resolution: up to **3200 d.p.i. and 20 µm. stochastic screen.**

Day light sensitivity – UV: Up to 1 hour with white light and up to 4 hours under yellow light.

DEVELOPMENT

Use ABEZETA **ABCHA 8000 developer** at the following parameters:

Bath temperature	22 ± 1°C	
Development time	20 – 25 seconds	
Replenishment	ABCHA 8000	ABCHA 8000R
Replenishment rate	120 ml/m ²	50 – 60 ml/m ²
Anti-ox Stand by ON	100 ml/h	40 – 50 ml/h
Anti-ox Stand by OFF	100 ml/h	40 – 50 ml/h

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

INFINITY plate allows to print UV ink without baking but can be baked to get 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 2 - 3 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: 300.000 – 400.000 impressions - Standard inks.

150.0000 impressions - UV inks.

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 date of production.