



The new generation of alcohol washable plastic plates:

B15 SIMPLEX PLASTIC PLATES



The new B15 SimpleX plastic plates are suitable for small to medium-sized printing runs with pad printing. A photopolymer coat, improved as a result of the latest information available in research and development, enables optimal printing results.

At the same time, the photopolymer composition is environmentally friendly and safe for humans, as only raw materials which are preferably harmless to ecology and health are used.

Plate configuration

The B15 plastic plate is composed of a light sensitive photopolymer coat, which is applied on a metal base. The total thickness of the cliché is 0,58 mm.

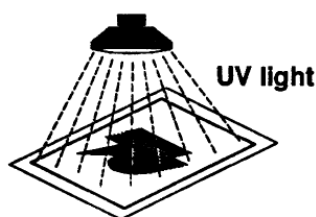
Unexposed SimpleX plates are delivered covered with a with protective foil. This foil should be removed only directly prior to the plate exposure.



Plate exposure

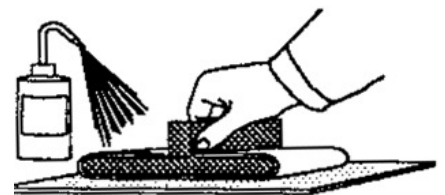
The plate exposure and curing is done simply and quickly in our exposure units and drying cabinets. In this way, you always remain flexible and make high quality, professional clichés yourself within a short time.

For the new SimpleX plates, we recommend the following exposure times using our BG25/30 or BG35/50 exposure units:



The reference value for the exposure time for roll film and screen film is 80 to 100 seconds each.

After the exposure, the cliché is washed out during approximately 60 seconds with our wash-out solvent 90 01 50.



The room temperature should be approximately 23° C. Please use our plush-cloth rubber HAW 90 01 40. After washing out, the B15 cliché will be dried for at least 30 minutes at 60 to 80° C in the drying cabinet (TS25/30 or TS35/50). Alternatively, the plate can become re-exposed for 5 minutes into the exposure unit and then dried in the oven for 30 minutes at 60 bis 80° C.

Please find detailed information about the plate exposure and drying in our data sheet „Plastic plates“ which is available in German, English, French, Italian and Spanish. We will send you our data sheet free of charge on request. Alternatively you can directly download the document on our website www.teca-print.com under Products/Downloads.



Plastic plate types available at Teca-Print

| Plate type | Description | Washout medium | Optical appearance |
|----------------|-------------|----------------|--------------------|
| B15 | SimpleX | alcohol | dark green |
| I18 | Standard | water | bright green |
| K52/G52*/G53** | Long-Life | alcohol | red |
| W52/X52*/X53** | Long-Life | water | red |

*Punched version with 2 wholes for sealed inking systems

** Punched version with 4 wholes for sealed inking systems

Each plastic plate type is available in every requested dimension. We will cut each dimension exactly for you. We generally recommend the use of long-life plates for sealed inking systems.

All unexposed plate types are supplied in packages with 10 pieces, premium packed with cushion foil and into a polymer bag protecting against light.

The article number is composed by the type of the plate and the plate dimension in mm (width x depth), as e.g. B15 250 100 for plates of the type B15, width 250 mm and depth 100 mm.

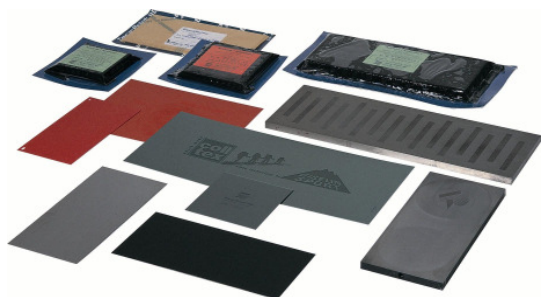
You also can profit from our service: We also supply exposed plates. In exposed version, single plates are provided.

Plate accessories



For the plate exposure, a large range of supplies are: Wash-out solvent for alcohol washable plastic plates, developer trays in different sizes, plush-cloth rubber, corresponding replacement plush-cloths and screen films etc.

For larger sized printing runs we recommend our high quality chrome steel, steel and thin steel plates.



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