



J. Lane Speed Plates

Hand-Coated ASA 25 Orthochromatic Glass Plate Negatives

Information and Recommended Processing.

These dry plates are formulated to provide the same results as dry plates of the 1890s.

NOTICE: These plates are made of glass. Handle with care.

These plates are coated with an ultra fine-grain, high contrast orthochromatic emulsion with response from UV through the visible spectrum up to 610 nm. The high contrast is excellent for alternative process printing or for printing onto multigrade paper at grade 0. The long toe of the characteristic curve preserves shadow details for scanning. As with other primitive processes, the effective speed of the plate will vary depending on actual UV levels. The emulsion has been designed to meter at ASA 25 under early spring northward lighting at moderate latitudes, but expect actual speed to vary by up to a stop or more.

OPEN BOX ONLY UNDER DIM RED SAFELIGHT!

The unexposed plates can be loaded under any darkroom safelight suitable for high-speed orthochromatic film. Working time is ~ 3 minutes at a minimum distance of 4 feet from a 5W bulb behind a Kodak 1A filter or equivalent

A locating notch similar to that used for sheet film is provided for locating the emulsion side of the plate. Orient the Plate with notch at top right and emulsion will be facing you.



Tray Develop under safelight 5 minutes at 68°F in HC-110 Dil B.

If developing by inspection, do not pull the plates until details are visible in the shadows.

- 30 second agitation at start
- 15 second agitation every 1 min after.

Acid or water Stop 30 seconds.

Rapid fix, same as for film, constant gentle agitation

- Fix for double the clearing time, approximately 5 minutes

30 second water bath rinse

Hypo clearing wash 4 minutes if desired

Gentle agitation rinse in room temperature water

- 10 minutes if hypo washed
- 20 minutes if not hypo washed.

Final rinse in photo-flo solution and set vertically to air dry. Emulsion will be swollen and shiny while still wet.

The non-emulsion “glass side” may have excess emulsion remaining from the hand-coating process. After developing, this excess emulsion can be removed with dilute bleach, disinfecting wipes, or equivalent. Easier to remove when wet. Clean

Questions? jason@pictoriographica.com

Check out the “Dry Plate Photographers” Facebook group.

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