

Kodak BROMIDE PAPER

This is a general purpose paper giving a neutral-black image. It is suitable for use in any type of enlarger, and may also be used for contact printing. A range of surfaces etc. is available in several grades of contrast. Untinted papers are coated on a special base giving maximum brilliance.

SAFELIGHTING: Use a 'Kodak' Safelight Filter 'Wratten' Series 0B (amber-yellow) in a safelamp fitted with a 25-watt bulb, or a 'Kodak' Bromide Sodium Safelamp.

DEVELOPMENT: Follow the recommendations in the table.

STOP BATH: Rinse prints in a solution of 'Kodak' Liquid Stop Bath with Indicator. Alternatively, use a fresh solution of 2% acetic acid, or running water.

FIXING: Fix, preferably at 18–24°C (65–75°F), for 5–10 minutes in an acid hardening fixer such as 'Kodafix' Solution diluted 1+7, Kodak 'Unifix' Powder or Kodak formula F-5 or F-6. For rapid fixing, use 'Kodafix' Solution diluted 1+3. Keep prints moving in the fixing bath for the first few seconds. Discard the bath when 125 8 × 10-inch prints, or an equivalent area of paper, have been treated per gallon of fixer (33 18 × 24-cm prints per litre). When large quantities of prints are being handled, two-bath fixing is recommended to secure maximum efficiency and solution economy.

WASHING AND DRYING: Use 'Kodak' Hypo Clearing Agent, according to the instructions, to secure reduced washing time and a high degree of print permanence. This is specially recommended where a cold or limited supply of water is available.

Papers which have not been treated in 'Kodak' Hypo Clearing Agent should be washed for at least 30 minutes in running water at 18–24°C (55–75°F) (double-weight prints for at least 45 minutes). Alternatively, wash prints for five minutes in each of six changes of water (double-weight prints in nine changes).

A final rinse in diluted Kodak 'Photo-Flo' Solution promotes rapid and even drying, and is recommended before hot glazing.

To dry prints for an unglazed surface, remove excess water and place them face downwards on absorbent 'Fotonic' Photographic Paper or muslin-covered frames. To glaze prints made on glossy paper, transfer them direct from the final rinse to the glazing surface, ensuring close contact with the plate or drum used.

WARNING . . . STAINING: Stains on prints can generally be avoided by careful handling and the use of a stop bath and an acid fixer. In some areas, however, soft, peaty water supplies can cause overall discoloration or lack of brilliance which may be aggravated by the use of hardening fixer. To counteract this, use a non-hardening fixer ('Kodak' 'Metafix' Powder, AM-33 Rapid Liquid Fixer without AM-33H Hardening Additive or Kodak formula F-24). If, nevertheless, treatment in a hardening fixer is necessary for subsequent hot glazing, the use of 'Kodak' Hypo Clearing Agent is strongly recommended in order to keep the washing time to a minimum.

DEVELOPMENT TIMES

FRAMKALLNINGSTIDER

| | Dilution Utspädning | 18° 65° | 20°C 68°F | 22° 72° | 24° 75° |
|---|------------------------|--------------|--------------|-------------------|-------------------|
| 'Kodak' Developer 'Kodak'-framkallare | | | | | |
| D-163 DA-163* | 1+3 | 1½–4 min | 1½–3 min | 70–135 sec sek | 60–110 sec sek |
| D-163 with med K.A.F.*† | | | | | |
| DPC Universal | 1+9 1+7 | 1½–2½ min | 1½–2 min | 70–90 sec sek | 60–75 sec sek |
| Soft Gradation D-165 (formula) (recept) | 1+3 | 4 min | 3 min | 2½ min | 110 sec sek |

* Developers for processing at temperatures up to 32°C (90°F). At temperatures above 24°C (75°F) reduce exposure time as necessary to secure development for at least 1 minute.

† Add a solution made up as instructed, from 'Kodak' Anti-Fog Powder at the rate of ½ fl oz per 80 fl oz of working strength solution (3 cc per 500 cc). For small quantities of developer dilute the Anti-Fog solution 1+3 and add at the rate of ½ fl oz per 20 fl oz (12 cc per 500 cc).

'Kodak' D-163 Developer is available in liquid or powder form and DA-163 in powder form. DPC and Universal are general-purpose liquid developers. Soft Gradation Developer and D-165 are recommended when lower contrast is required; the former is available in powder form and the latter is a Kodak formula which can be made up by the user.

* Framkallare för temperaturer upp till 32°C. Vid temperaturer över 24° skall exponeringstiden minska efter behov så att framkallning varar minst 1 minut.

† Tillsätt en lösning av 'Kodak' Anti-Fog Powder i förhållandet 3 cm³ per 500 cm³ bruksfärdig lösning. För smärre mängder framkallare skall den slöjfrhindrande lösning spädas ut 1+3 och tillsätts i förhållandet 12 cm³ per 500 cm³.

'Kodak'-framkallare D-163 kan erhållas i vätskeform, eller i pulverform och DA-163 i pulverform. DPC och Universal är flytande framkallare för allmänna uppgifter. Mjuk framkallare (Soft Gradation Developer) eller D-165 tillråds, när svag kontrast önskas. Den förra kan erhållas i pulverform, och den senare kan tillredas av fotografen enligt Kodaks recept.