

# Kodak 'BROMESKO' PAPER

This enlarging paper will give, by direct development, a rich black image tone, slightly warmer than that obtained with 'Kodak' Bromide Papers. It is suitable for use in any type of enlarger, and may also be used for contact printing. A wide range of surface and base-tint combinations is available in several grades of contrast. Untinted papers are coated on a special base which gives 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:** Wash single-weight prints for 30 minutes in running water at 15–24°C (59–75°F) (double-weight prints for 45 minutes) or, alternatively, for five minutes in each of six changes of water (double-weight prints in nine changes). At higher temperatures washing times can be reduced. Longer times should be given for very cold water. The use of 'Kodak' Hypo Clearing Agent considerably reduces washing time and gives greater print permanence, especially with cold-water washing. It is also recommended where water supplies are limited. 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' Acid Fixer 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	} 1+3	} 1½-4 min	} 1½-3 min	} 70-135 sec sek	} 60-110 sec sek
DA-163*					
D-163 with med K.A.F.*†					
DPC	1+9				
Universal	1+7	} 1½-2½ min	} 1½-2 min	} 70-90 sec sek	} 60-75 sec sek
Royal 'Bromesko'	1+9				
Soft Gradation	} 1+3	} 4 min	} 3 min	} 2½ min	} 110 sec sek
D-165 (formula) (receipt)					

\* 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 ¼ 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, DA-163 in powder form and Royal 'Bromesko' in liquid 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°C skall exponeringstiden minskas efter behov så att framkalling varar minst 1 minut.

† Tillsätt en lösning av 'Kodak' Anti-Fog Powder i förhållandet 3 cm<sup>3</sup> per 500 cm<sup>3</sup> bruksfärdig lösning. För smärre mängder framkallare skall den slöfjörhindrande lösning spädas ut 1+3 och tillsätts i förhållandet 12 cm<sup>3</sup> per 500 cm<sup>3</sup>.

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