

G74c CONTINUOUS TONE DEVELOPER, G74s STARTER

Continuous Tone Chemistry

G74c is a high activity, continuous tone developer, used for developing black and white continuous tone aerial images in roller transport processors. This developer can also be used for other types of continuous tone applications, if necessary with a different dilution rate need to achieve longer development times.

G74c consists of parts A and B.

The liquid starter G74s is used only for filling the processor. Using only liquids makes it easier to mix the developer homogeneously.

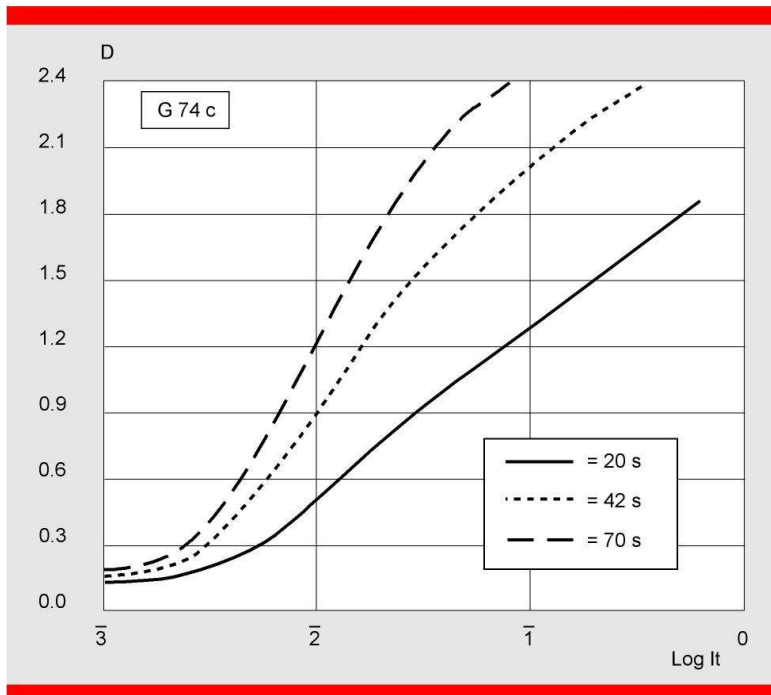
■ Characteristics

- Rapid development, with optimum processing at 30 °C.
- High resistance to oxidation.
- Developer activity can be increased by higher development temperature.

■ Photographic characteristics

Characteristic curves

Aviphot Pan 200 developed in G74c, in a Gevatone 66 processor at 30 °C.



■ Storage

G74c, G74s are preferably stored at temperatures between 4 and 30 °C.

Shelf life	G74c	G74s
at -18°C	3 days	3 days
at -4°C	30 days	30 days
between 4 and 30°C	36 months	48 months

Safety Data Sheets can be obtained from your local Agfa supplier.

■ Production Guidelines

Correct use of the chemicals

- Observe the safety instructions and carefully follow the instructions for mixing printed on the packaging.
- Never mix part A and B without first diluting with water.
- 1 unit of G74c (2 x 5 litres of part A and 2 x 5 litres of part B) is sufficient to make 60 litres of replenisher.
- When filling the processor, use G74c developer + G74s starter for preparing the ready-for-use starter developer.
- Do not use G74s for making replenisher.
- The PFIX fixer is recommended for fixing aerial photographic images.

Preparation of G 74 tank solution and replenisher for the processor

- To make 1 litre of tank solution G74: 0.125 litre G74c part A + 0.3 litre water + 0.125 litre G74c part B + 0.028 litre G74s + add water to obtain 1 litre.
- Replenisher G74c: 1 part A + 4 parts of water + 1 part B. Recommended replenishment rate: 250 - 300 ml/m² for aerial film and 150 ml/m² for paper processing.

Filling the tanks

Processor	G74 + replenisher
Colex RTF BW 12-80 (22.3 l)	22.3 x 1 l starter
Colex RTF BW 12-160 (45 l)	45 x 1 l starter
Colex RTF BW 12-432 (45 l)	45 x 1 l starter
Colex RTF BW 26-2S (35 l)	35 x 1 l starter
Gevatone 66 (56 l)	56 x 1 l starter
Versamat 1140	1 bottle of G74s + 7 litres of water + add replenisher to get 34 l
Versamat 11	1 bottle of G74s + 8 litres of water + add replenisher to get 34 l

Preparation and use of G74 developer for tray development

- For 30 litres of developer: 1.5 litres G74c part A + 10 l of water + 1.5 l G74c part B + 0.335 l G74s + 16.7 l of water.
- Developing temperature: 20 °C.

Preparation and use of Pfix fixer

- 1 part PFIX + 4 parts of water. These amounts apply both for filling the processor tank, and for replenishment.
- Recommended replenishment: 500 ml/m² for film and paper processing.

■ Product range

Product	Packaging	ABC code
G74c for 60 litres replenisher	10 litres A + 10 litres B	377H2
G74s for 34 litres tank solution	4 x 0,952 litre	EK5TZ
PFIX	4 x 5 litres	ESG2N

Subject to change without prior notice.
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