



Processing set for FOMAPAN R-100

Efficiency of the set

– for processing of **8 pcs** 135/36 FOMAPAN R 100 35 mm films
(or **2 pcs** 2x8 mm/10.5 m; **1 pc** 16 mm/30 m; possibly also **8 pcs** of the negative rollfilms of Fomapan etc.).

Content of the set:

1st and 2nd developer	Identification	A	= 1 pc of concentrate in PE bottle 250 ml
Bleaching bath	Identification	B₁	= 1 pc of concentrate in PE bottle 250 ml
		+B₂	= 1 pc of concentrate in PE bottle 250 ml
Cleaning bath	Identification	C	= 1 pc of concentrate in PE bottle 250 ml
Fixing bath	Identification	D	= 1 pc of concentrate in PE bottle 500 ml

Preparation of baths to process 1 pc of 35 mm film, type 135/36 (1 pc of the 120 rollfilm):

- A** 300 ml of water + 30 ml of **A** solution
- B** 300 ml of water + 30 ml of **B₁** solution + 30 ml of **B₂** solution

Prepare processing bath immediately before using!

- C** 300 ml of water + 30 ml of **C** solution
- D** 300 ml of water + 60 ml of **D** solution

It is recommended to use distilled or boiled water to prepare baths. Prepare processing bath immediately before using. Do not store solved (thinned) solutions! Have an authorised organisation to dispose of used solutions.

Procedure of processing:

- | | |
|---|-------------------------------|
| 1) Developer A | 12 min / 20 °C ±0.5 °C |
| 1a) Rinsing with running water | 2 min / 20 °C ± 5 °C |
| 2) Bleaching bath B | 8 min / 20 °C ± 0.5 °C |
| 2a) Rinsing with running water | 2 min / 20 °C ± 5 °C |
| 3) Cleaning bath C | 3 min / 20 °C ± 3 °C |
| 3a) Rinsing with running water | 2 min / 20 °C ± 5 °C |
| 4) Re-exposure | 2x30 sec. |
| 5) Developer A (solution used in the 1st developing) | 5 min / 20 °C ±0.5 °C |
| 5a) Rinsing with running water | 2 min / 20 °C ± 5 °C |
| 6) Fixing bath D | 4 min / 20 °C ± 3 °C |
| 6a) Rinsing with running water | 10 min / 20 °C ± 5 °C |
| 6b) Rinsing in distilled water | |

Processing in developing tank with regular slow motion during all processing stages, including rinsing!

Illumination during processing (stages 1 to 2a) - total dark or infrared lighting.

Re-exposure to be done in the developing tank using a 100 W bulb in a distance of 1 m in water and with the film moving (turning the spiral with the film) - 30 sec. from both sides.

End users may drain **used working solutions** to sewage system after thorough thinning (at least 30 more parts of water).

**This procedure of processing is also valid in case of using the black and white negative films, but it is necessary to test and possibly adjust develop time in the developer A by all the types of films except FOMAPAN 100 Classic.*