

## ENGLISH

# EMOFIN

### APPLICATION / PROPERTIES

Two step fine-grain developer for maximum speed yield.

Developing with EMOFIN is done in two consecutive baths (**without** intermediate wash). This developing technique combined with the characteristics of EMOFIN has the following advantages:

1. Wide exposure latitude which gives good detail (especially shots into the light).
2. Exceptionally fine-grain results, even with fast film
3. Increased film speed gain with **normal** contrast, and full speed gain with **high** contrast (eg: stage shots).

Two step development with EMOFIN produces evenly graded, easy to print negatives. Even shots under tricky lighting conditions need no special treatment.

### CONTENTS OF THE PACKAGE

Stage 1 and stage 2 each for one litre working solution

### SAFETY ADVICE

Follow safety advice on the last page.

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### MIXING INSTRUCTIONS

#### STAGE 1

Water + part a + part b + top up with water to 1000 ml



30-40 °C



dissolve completely



then add part b



mix thoroughly

#### STAGE 2

Water + powder part + top up with water to 1000 ml



30-40 °C



dissolve completely



mix thoroughly

### FILM EXPOSURE

The speed gain achievable with EMOFIN is outstanding. To find the correct speed, a series of bracketed exposures should be shot and processed.

For normal contrast subjects, the speed can be increased two stops from that given by the film manufacturer (eg: 1600 ASA from 400 ASA).

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### DEVELOPING TECHNIQUE

1. Bring both solutions up to the correct temperature (20°C / 68°F)
2. Develop the film in the Stage 1 solution. The processing time depends on the film and is indicated in the table. The tank should be agitated during development, either every 3 seconds or once a minute.
3. 10 to 15 seconds before the end of the developing time, pour all the working solution quickly back into the Stage 1 storage bottle.
4. Pour Stage 2 working solution into the tank.
5. Process the film as per table.
6. 10 to 15 seconds before the end of the developing time, pour the working solution back into the Stage 2 storage bottle.
7. Use fresh fixer, preferably Express Fixing Salt or Superfix, temperature 20°C / 68°F ± 2°C / 35,6°F.
8. Finally wash.

### SPECIAL COMMENTS

The developing time does not start until the solutions have been poured in. Processing films at higher temperatures shortens the developing time considerably (see table 2). The use of a stop bath (INDICET or 2 to 3 % acetic acid) before fixing raises the yield of the fixer.

### PUSH DEVELOPMENT

Hints and tips can be found in the enclosed table.

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### KEEPING PROPERTIES

After use, the stock solution is poured back into the correct storage bottle and the number of films processed marked on the label so as to keep a record. Both working solutions will keep for at least three months without losing any activity if stored in brown glass bottles. The storage life can be considerably lengthened by using Protectan (Art. Nr. 105193).

### PRODUCTIVITY

Pack for 1 litre working solution = 15 x 35 mm films (or corresponding quantity / area of other film formats).

### OXIDATION

Both working solutions may change colour due to a black precipitation of oxidation products and silver. This is caused mainly by carry-over of Stage 1 into Stage 2. We therefore recommend that Stage 1 is emptied completely from the tank, although this precipitation and discoloration does not have any effect on the developer's activity.