

FOMADUX LP-T, FOMAFIX KIT

DEVELOPING BATHS FOR MANUAL PROCESSING OF TECHNICAL RADIOGRAPHIC FILMS

Characteristics

The concentrates for the preparation of baths for manual processing of technical radiographic films. The baths are suitable especially for technical radiographic films INDUX, but could be used also for comparable materials from other manufacturers.

Designation of developing baths:

Developer FOMADUX LP-T

FOMAFIX KIT

Features

Developer FOMADUX LP-T is a single-component concentrate for the preparation of developer for manual processing of technical radiographic films. The developer ensures a high quality of picture and is distinguished especially with a fine grain and a well balanced contrast. It uses fully the film sensitivity. Composition of the developer assures its long-term stability, eliminates creation of sediments, if hard water is used.

Quick fixer FOMADUX FIX

Is a concentrate of fixing bath on the base of ammonium thiosulphate with a high fixing rate and efficiency, a strong buffer action and long-term stability.

Wetting agent FOTONAL

A liquid concentrate of wetting agent containing surface active substances and additives which enhance the stability of the developed picture. The use of wetting agent ensures an even off-take of water from the surface of the processed film, speeds up the process of drying and eliminates the occurrence of stains.

Adjusting

Concentrated developer FOMADUX LP-T

Container with volume 5 litres

Set FOMAFIX KIT

2x 5 litres of quick fixer FOMADUX FIX

2x 1 litre of wetting agent FOTONAL

Preparation of baths

Concentrated developer FOMADUX LP-T should be diluted with water in proportion 1 + 3 (up to 1 + 4), from one packing of 5 l you can get 20 to 25 litres of the processing solution. It is appropriate to close the tank with the developer by a cover.

Recommended standard developing conditions:

temperature	processing cycle
20°C	5 min.

For the regeneration, a bath prepared from the concentrate FOMADUX LP-T is used which is diluted by water in proportion 1:2(3).

The recommended dosing of the regeneration bath is for the technical X-ray films 800 ml/m². Optimum conditions of regeneration are dependant on the method of processing, size of the developing tank, daily processing capacity etc.

Concentrate of quick fixer FOMADUX FIX is determined for the preparation of 20 to 25 litres of fixing bath.

Recommended standard fixing conditions:

temperature	time
20°C	5 min.

The same bath is used for the regeneration.

The recommended regeneration doses of 1000 to 1200 ml/m² should be elaborated by a practical test.

The wetting agent Fotonal should be applied in the last water washing bath, just before drying.

You may prepare the solution by adding of 10 to 40 ml of concentrate in 1 litre of water.

In case when necessary, ask for a professional advice from the service engineers of the firm FOMA.

Storage

The concentrates should be stored in the original packing on a dry place at temperatures from 5 to 25°C.

The respective crystallised portion does not affect the function and may be dissolved again by warming up to 40°C and stirring.

The time of usability is 24 months from the date of manufacture. The usability time for one application of processing solutions, if regeneration is applied continuously, is 4–to 8 weeks.

The product is manufactured and introduced on the market in compliance with the Quality System acc. to the international standard ČSN EN ISO 9001.