

FOMADUX LP-T, FOMADUX FIX, FOTONAL

LIQUID CHEMICALS FOR MANUAL PROCESSING OF INDUSTRIAL X-RAY FILMS

General

The liquid concentrate of chemicals intended for manual processing of industrial X-ray films. The liquid chemicals are especially suitable for processing of FOMA industrial X-ray films INDUX as well as for equivalent materials of other producers.

The chemicals are labeled as follows:

FOMADUX LP-T Developer

FOMADUX FIX Rapid Fixer

Features

FOMADUX LP-T Developer

is one-compound concentrate for manual processing of industrial X-ray films. The developer provides high image quality with particularly fine grain and well balanced contrast, making full use of the film speed. Its formula guarantees the product long-lasting stability, prevents deposits formation even with hard water.

FOMADUX FIX Rapid Fixer

is a concentrate of fixing bath on basis of ammonia thiosulphate providing high fixing and buffering action, strong hardening power and long-term stability.

Wetting agent FOTONAL

FOTONAL is a liquid concentrate containing surface-active substances and additives which ensure uniform dewatering of the film surface, acceleration of drying and elimination of spot occurrence.

Packing

FOMADUX LP-T Developer concentrate

1 container of 5 litres

FOMADUX FIX Rapid Fixer

1 container of 5 litres

FOTONAL Wetting agent

1 bottle of 1 litre

Preparation of processing baths

FOMADUX LP-T Developer is diluted with water at 1+3 (to 1+4), from one 5 litre packing 20 to 25 litres of processing solution can be made. The processing tank should be closed with cover.

temperature	time
20 °C	5 min.

As replenisher the concentrate FOMADUX LP-T diluted with water at 1+2(3) is used.

Recommended replenishment for industrial X-ray films is 800 ml/m². Optimum replenishment conditions are dependent on the way of processing, size of processing tank, the daily processing capacity etc.

FOMADUX FIX concentrate is intended for preparation of 20 – 25 litres of fixing bath.

Recommended standard fixing conditions:

temperature	time
20 °C	3 min.

Minimum fixing time = 2 min.

For replenishment the same basic bath is used.

Recommended replenishment is 1000–1200 ml/m², necessary to set with more precision by trial processing.

Apply Fotonal wetting agent into the last water scouring bath before drying.

Solution is prepared by adding 10–20 ml of the concentrate into 1 litre of water.

In case of any need do not hesitate to ask special technical help of FOMA service.

Storage

The chemicals should be stored in the original packing in a dry place at temperatures 5 to 25 °C and relative humidity 40 to 50 %.

A possible crystalline fraction is not a defect, it will dissolve again after heating to 40 °C and agitation the solution.

Expiration time is 24 months from the date of production. Applicability time for one processing solution setting when regularly replenished is 4 – 8 weeks.

Information of the ecological disposal, principles of safe use at transport, storage and handling are stated in the safety data sheet of the product.

The product has been produced and marketed in conformity with a quality system according to the international standard EN ISO 9001.