

FOMATONER INDIGO

TONING BATH FOR BLACK-AND-WHITE FOTOPAPERS

In general

FOMATONER INDIGO is a liquid concentrate of an one-bath toner for the toning of black-and-white photographs into blue tone. The intensity of the image tone depends on diluting ratio, temperature and toning time. The toning takes place at room temperatures (20 – 25 °C). Photographs both on resin-coated (RC) paper base (e.g. Fomaspeed) and baryta paper base (e.g. Fomabrom) can be toned.

FOMATONER INDIGO is suitable for the toning of both new photographs (the toning takes place immediately after processing) and older ones.

Packaging

FOMATONER INDIGO is available as a two-component liquid concentrate (part A and part B) in a set containing 2 bottles of 250 ml.

Yield

The toning solution made from one set is sufficient to tone approx. 2 sq. m of paper irrespective of sort of the paper base which corresponds to approx. 45 photographs sized 18x24 cm. The yield depends on the optical density of photographs toned.

Preparation of working solution

Both parts of the concentrate (part A, part B) are mixed with water in the ratio of 1 + 1. To obtain optimum results, the mixture is diluted in water in the ratio of 1 + 2. By varying the diluting ratio, the suitable one being from 1 + 1 to 1 + 4, both resulting image tone and toning speed can be influenced. For toning, water of low hardness, preferably distilled water is recommended.

Toning procedure

Only thoroughly fixed and washed photographs are put into the prepared solution and the toning is observed. The best and standard results are obtained using resin-coated (RC) papers. The toning time varies in the range from 1 to 5 minutes at recommended temperatures from 20 to 25 °C and the diluting ratio of 1 + 2, further depending on the image tone required. The toning is followed by intensive washing, preferably in running water. To improve the stability of image toned, it is recommended after final washing to dip the photograph being toned into a 0,5 % acetic acid solution for 1 to 2 minutes. The photographs should be then spread out and dried as usual. Neither glazing nor drying with hot air is suitable.

Note: During all processing steps, the photographs should be completely immersed in baths involved and intensively moved.

Storage

FOMATONER INDIGO should be stored in the original packaging at a temperature ranging from 10 to 21 °C. The diluted working solution should be stored in darkness at temperatures up to 20 °C and used up within 7 days.

Warning!

The toning bath is strongly acid, therefore tweezers or protective gloves should consistently be used at work. In case of contact with hands, use soap and rinse with plenty of water. Safety instructions given on the label should be followed.

Recommended way of baths disposal

- 1. Not used liquid concentrate should be handed over on a collecting site or delivered as dangerous waste to be disposed of by a special centre.*
- 2. The physicochemical way for the disposal of toning solution waste (by neutralization and reduction) on adherence to valid regulations: the working solution is filled up with 10 ml of used developer, diluted with water in the ratio of at least 1 + 10 and discarded as waste water.*

Recommended way of packaging disposal:

After a thorough wash out, plastic bottles should be delivered to special containers for plastic collecting, cardboard to a collecting site or to special containers for waste paper.

The product has been produced and marketed in conformity with a quality system according to the international standard ISO 9000:2000.