

Goldtoner

Goldtoner – this name says it all. Because the toner solution actually contains real gold; its key active component is gold(III) chloride. The Goldtoner serves two main purposes: on the one hand, toning black-and-white pictures and, on the other hand, optimising the archiving security of black-and-white films and papers.

The gold toning gives sepia-toned black-and-white photographic papers a very special touch while changing the brownish print tone and creating exceptionally beautiful, gold-reddish tones.

The pictures are toned at a room temperature of about 20°C; this can be done in daylight. In this process, the pictures which have previously been toned in sepia are individually treated in a photo tray filled with gold toner. An important prerequisite for perfect toning results is sufficient fixing and washing of the previously developed black-and-white pictures. Already dried sepia-toned black-and-white pictures are to be briefly washed again before applying the gold toner - about 30 seconds for resin-coated papers, and about 1 minute for fibre-based paper.

For toning the pictures individually, quickly put them into a photo tray filled with Goldtoner facing up. If possible, use the entire contents of the bottle.

Slightly lift the photo tray on one side every 30 seconds to move the liquid for a uniform result. Depending on the desired intensity of the reddish tone, the processing time ranges from some minutes to half an hour. The toning process can be easily monitored and terminated at any time once the desired print tone has been achieved. When the toning process is finished, use a pair of print tongs to grab the picture at one corner, then carefully lift the picture out of the tray and let the excess Goldtoner drip off. Thoroughly wash the toned pictures - about 2-3 minutes for resin-coated papers, and about 10-15 minutes for fibre-based papers.

If the Goldtoner is used without previously toning the pictures in sepia, the print tone of the black-and-white photographic paper shifts to cold- to blue-black. This direct application provides a very important additional benefit: the silver of the photographic paper is stabilised by the addition of gold and, thus, it becomes extremely resistant to environmental influences.

If very important black-and-white films - including microfilms, X-ray films and aerial photographs - are to be archived for a long period of time, the Goldtoner is applied directly. Here, too, the following applies: black-and-white films must be sufficiently fixed and thoroughly washed in the course of the previous film development process; always use a fresh fixing bath. Place the film materials into the Goldtoner solution for about 5 minutes at room temperature while constantly moving the film material or the toner solution. Afterwards, wash the films for 3-5 minutes (about 20°C), then apply a wetting agent such as Mirasol 2000 Antistatic for about 1 minute and let them dry as usual.

The Goldtoner is supplied ready for use, the solution has an unlimited shelf life, it can be used multiple times until the capacity limit has been achieved. Maximum yield per litre Goldtoner: black-and-white papers: 2.5 m²; black-and-white films: 1 m².

1 litre, art. no. 101126

