



Bluefire™ HR
Developer Concentrate

Part of the Bluefire family of products – for photographers who see the world a little differently.

Bluefire Police™ brand 35mm film can be enlarged to extremes without losing image detail to grain, and it yields images that are unlike ordinary films. However, conventional development yields negatives with objectionably high contrast.

Bluefire HR is a specialized developer that makes Bluefire Police useful for pictorial photography. It develops a full 21-step gray scale at the film's true rated speed of EI 80. The result is a high-resolution negative with biting clarity and a rich, expressive tonality.

Bluefire HR gives similar pictorial tonality with other high-contrast films such as microfilms, Kodak Technical Pan, and high-contrast ortho copying films.

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Instructions for use

Safety

Bluefire HR is alkaline and should not be allowed to come in contact with your eyes. Active ingredients are pyrazolidone and hydroquinone (contains no metal). It must not be ingested. Avoid prolonged or repeated skin contact.

Dilution

For each roll of 35mm film, add 15ml of Bluefire HR to 235ml of water, to make 250ml of working solution. Use the working solution once and then discard it. For other film sizes and volumes of working solution, dilute with water 1:16. Use the working solution within one day.

Time and temperature

Development

Develop Bluefire Police 35mm film at 20°C/68°F for 12 minutes with continuous gentle agitation. Intermittant agitation may cause mottling. For consistency from roll to roll, an automatic system such as a Jobo processor is recommended. For films other than Bluefire Police, you should test for optimum time and agitation.

Stop bath

Use any standard acid stop bath for 30 seconds. Alternately, use plain water, two baths of 30 seconds each, agitating continuously.

Fixation

Use any standard fixer according to the manufacturer's directions.

Wash

Wash in running water, according to the instructions given by your fixer manufacturer. Alternately, save water by this method: first, fill the tank with plain water and agitate for 30 seconds, then drain. Fill again with plain water, and agitate for 1 minute, then drain. Repeat 7 times for a total of 8 one-minute water baths over the course of about 12 minutes.

Shelf life

Use within one year of purchase. Becomes less active within six weeks of opening the bottle. Fresh developer is straw colored, becoming redder and darker with age.

Shelf life is prolonged by refrigeration. If cold storage has caused crystals to settle out, gentle agitation at room temperature will re-dissolve them.

Shelf life after opening is prolonged by storing the concentrate in a container from which air can be excluded: for example, a high-density plastic bottle that can be squeezed.

1020-0LIT 0704

Questions: visit us on the World Wide Web at <http://www.bluefire.ca>.

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