



SPUR Photochemie
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SPUR HRX

Extremely Fine Grain Along With Highest Sharpness

Fine Grain Developer

Extremely fine grain, highest sharpness and an uncommonly high contrast of detail, at optimum use of film speed

SPUR HRX (High Resolution X) is a high resolution developer optimised for the highest possible fineness of grain, a maximum of sharpness, and contrast of detail. Compared to other fine grain developers, SPUR HRX brings about much higher sharpness and contrast of detail, resulting in substantially improved resolving power.

SPUR HRX stands out by the following features:

- Extremely fine grain in conjunction with high sharpness and high contrast of detail
- Optimum use of film speed
- High resolution

The disadvantages of classical fine grain developers consist in film speed not being used to an optimum extent, and sharpness of contours and contrast of detail being blurred on account of the fine grain, so that there is no optimum impression of sharpness.

SPUR HRX however achieves box speed with some emulsions, and nearly box speed with many others. In spite of its fineness of grain, it produces very high sharpness and a high contrast of detail. The ideal curve of HRX prevents dull results even in soft development, while even in hard development, the lights remain reproducible. Therefore SPUR HRX is ideally suited for working according to the Zone System.

The development of black-and-white films has previously imposed a difficult choice of neglecting, and thereby deteriorating, also desirable qualities in favour of the preferred optimisation of one feature. So it has been generally accepted that if fineness of grain is increased above a certain measure, sharpness will rapidly decrease. The sharpness of contours can possibly be improved by steepening gradation; yet in this way also you will lose greyscale differentiation, exposure latitude as well as part of the intended fineness of grain. Conversely, it is very difficult to achieve very fine grain at high sharpness without deteriorating other desired qualities. Likewise, if the use of speed is optimised, other desirable qualities will suffer.

Thus there are plenty of black-and-white developers available on the market imposing that restrictive choice on the photographer – optimising a few preferred parameters while inevitably neglecting others, in such a way as to deteriorate other, important features.

SPUR HRX on the other hand is unique in that it optimises features that were previously considered incompatible: fineness of grain, sharpness and detail contrast, all at the same time.