

Latest Formula for Rodinal.

WE have received from Mr. Geo. Murphy, New York, trade agent for the U. S. Photo Supply Co., the following latest formula for Rodinal sent to him direct from the factory :—

Developing should be commenced with a solution of 1 part of Rodinal, 30 parts of water. The image, even on under-exposed plates, will appear rather rapidly, although it becomes more conspicuous only after three or four minutes, thus leaving sufficient time to watch the progress of development.

1. *Under-exposed plates* you can generally finish developing with a dilution of 1:30, without obtaining a negative with too great contrasts. Should there be a considerable under-exposure, add to the solution another 5 to 10 parts of water.

Rodinal not being an agent to fog the image, developing may be continued for a very long time. You will then obtain a soft negative, with an image properly and harmoniously worked up, which, if required, may be intensified.

2. Should the plate, on developing with a solution 1:30, prove to be *over-exposed*, remove the developer from the tray and add to it, in order to make it work with greater contrasts, an ample quantity of a solution of bromide of potassium and a few drops of undiluted Rodinal.

To this end it will be found useful, always to hold ready a solution of 1 part of bromide of potassium (cryst.), 3 parts of water, 3 parts of Rodinal, to be added by drops.

3. Should, in cases of *normally-timed exposures*, after developing for three or four minutes, the image not be of sufficient strength, it will be due either to the plate being of a kind working particularly smoothly, or to the photo having been taken in an especially dull light (landscapes for instance). In either case the employment of a developer working with greater contrasts will be necessary.


The same directions as for over-exposures should here be followed.

4. You should always develop somewhat beyond the desired intensity, in order that the negative, after fixing, may still be of sufficient strength.

5. *Bromide Paper* should generally be developed with a solution of 1 part of Rodinal, 100 to 200 parts of water. Some kinds, however, require a stronger solution, viz., 1 part of Rodinal, 40 to 80 parts of water.

For fixing purposes the ordinary bath of hyposulphite of soda may be employed, although an acidulated bath will always work more reliably. To obtain this, dissolve 1 part of fixing salt (a new preparation lately brought out by the Actien-Gesellschaft four Anilin-Fabrikation), in 8 parts of water. Or dissolve 5 parts of sulphite of sodium (cryst.), in 100 parts of water, acidulate with 1 part of concentrated sulphuric acid and then add 20 parts of hyposulphite of soda.

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