

MT3

Kit 1

Vario Sulphide Toner



Wolfgang Moersch Photochemie
Am Heideberg 48
50354 Hürth

Tel: ++49 (0) 2233 943 137

Fax: ++49 (0) 2233 943 138

Email: wolfgang@moersch-photochemie.com

Indirect Toner, Thiocarbamide (Thiourea) based

Kit: Bleach, Toner, Controller

IMPORTANT: Before bleaching ensure the print is very well washed.

Bleach:

Only use dilutions less than 1+20 if the deepest shadows are to be bleached. It is a good idea, particularly with Warm Tone papers, to bleach only to the middle tones if the shadow areas are to be preserved in the final image. Completely bleached prints lose density with the final image appearing weak as the deepest shadow areas are not brought out. Diluting the bleach even more allows the bleaching process to be observed more easily and gives more time to stop the bleaching when it has reached the desired point. Wash the print on both sides and for as least as long as it takes for the yellow colour to disappear.

Toner:

The toning colour can be varied from light yellow to dark brown. Neutral and Coldtone paper lend themselves to deeper browns better than warm tone papers. The highlight areas in papers with higher silver content will tone yellow-brown even with adding more Controller. Successful toning relies on absolutely clean working. The print must be fully developed and fixed with constant agitation. Insufficiently fixed prints will contain unwanted silver salts which will lead to spots or streaks in the final print. A second fixer bath is not absolutely necessary but definitely recommended. Place the print in the toner and agitate constantly, the image will reappear in 10 to 30 seconds. If the toning takes longer than a minute, replace the solution.

Settings	A	B	C	D	E
Colour	Light Yellow	Dark Yellow	Reddish-Brown	Brown	Dark Brown
Toner	50ml	50ml	50ml	50ml	50ml
Controller	30ml	60ml	90ml	130ml	180ml
Water	900ml	900ml	850ml	800ml	750ml

Green Tones:

First blue tone the print and then tone again in MT3 with one of the light yellow dilutions. Don't bleach any further than the middle tones.

Reddish Tones:

Silver Sulphide can be changed to reddish tones when Gold Toned. Reds become more intensive the longer the print has been in the gold toner. Note that gold toner continues to work for a while in washing.

Red-Brown Tones:

Selenium Toning can be performed either before or after the Sulphur toning.

Sulphur+Selenium: A short Selenium toning intensifies the shadows, the sulphide tones redder, those shadow areas only treated with the sulphide toner tend to magenta, while with warm tone papers the non-sulphide toned areas tend to a rust brown after extended toning times.

Selenium>Wash>Bleach>Sulphide: Different results – highly dependent upon the time in the selenium. After bleaching, the selenium toned parts remain and the colour change in the sulphide bath much smoother.