

Nucleol BF200 Guide Sheet

Bellini's Nucleol BF200 is a high energy pyro developer that ticks all three of the magic boxes: Fine Grain, High Acutance and Superb Tonalilty and on top of all that, great latitude too.

Tips: We feel that we should firstly state that this is not a developer we recommend for those with little or no experience with processing their own films. Please ask us about products more suitable for beginners. We would also recommend the use of one of our 10ml measuring syringes for accurate mixing.

Nucleol is supplied in two parts, A+B which are added to water at correct temperature ready to use. If you hate maths, the easy way to establish how much of each part you require is to take a calculator and multiply the final volume of developer you require, by the percentage of each part as recommended. . . . For example:

For each roll of 120 film in Paterson tanks require 500ml of developer so, let's say we shot a roll of Ilford HP5+ at 800asa. From the table overleaf, we can see this means that we require the solution to contain 2% of Part A and 1.5% of Part B so....

Part A then is: $500\text{ml} \times 2\% = 10\text{ml}$ and Part B: $500\text{ml} \times 1.5\% = 7.5\text{ml}$

For 35ml roll in Paterson tank this then calculates as Part A being $300\text{ml} \times 2\% = 6\text{ml}$ and Part B as $300\text{ml} \times 1.5\% = 4.5\text{ml}$

Easy as that, plus here, we just made you a lookup table!!

So, to make up the developer you need add most of the water, at temperature, to a graduate then add Part A, then add Part B adding the rest of the water to make up to the full volume. Then off you go: use with 20 seconds initial agitation and a couple or three turns every 30 seconds finishing with full agitation for the final 15 or 20 seconds or so...if you go a few seconds over time don't worry. After that, wash or stop then fix, wash, PhotoFlo and dry as normal.

Mixing and storage: Mix it as you use it as per above, no need to use any other than tap water. Keep it dark and cool but do not cold store it in a fridge, Part A will darken once opened, don't worry about any detritus that may occur, just give it a good shake before each use.

Disposal: Please consult your local authority for advice on disposal of photographic chemistry...everywhere has a different procedure!

Film	asa	% Dilutions A + B	Time	Temp
Fuji Acros 100 II	50	2 + 1.5	6.00'	20c
Fuji Acros 100 II	100	2 + 1.5	7' 30"	20c
FujiRDS 4791	25	2 - 1.5	9'00"	20C
Ilford FP4+	125	2 + 1.5	7' 00"	20c
Ilford FP4+	250	2 + 1.5	11.00'	20c
Ilford FP4+	400	3.5 + 2	12.00'	20c
Ilford HP5+	400	2 + 1.5	10' 30"	20c
Ilford HP5+	800	2 + 1.5	12' 30"	20c
Ilford HP5+	1600	3.5 + 2	16.00'	20c
Ilford HP5+	3200	6 + 3.5	27.00'	20c
Ilford Delta 100	80	2 + 1.5	9.00'	20c
Ilford Delta 100	100	2 + 1.5	11.00'	20c
Ilford Delta 100	100	2 + 1.5	6.00'	24c
Ilford Delta 400	200	2 + 1.5	9' 15"	20c
Ilford Delta 400	200	2 + 1.5	6' 45"	24c
Ilford Delta 400	250	2 + 1.5	12.00'	24c
Ilford Delta 3200	1600	4 + 2.5	14.00'	20c
Ilford Delta 3200	3200	4 + 2.5	16.00'	20c
Ilford Delta 3200	6400	4 + 2.5	18' 30"	20c
Ilford SFX	200	2 + 1.5	9' 30	20c
Ilford SFX	400	2 + 1.5	11.00'	20c
Kodak Double-X	250	2 + 1.5	8-8' 30"	20c
Kodak Tri-X *	400	2 + 1.5	9' 30	20c
Kodak Tri-X *	800	2 + 1.5	12.00'	20c
Kodak Tri-X *	1600	3.5 + 2	16.00'	20c
Kodak Tri-X *	3200	6 + 3.5	25.00'	20c
Kodak Tmax 100	100/200	2 + 1.5	7.00'	24c
Kodak Tmax 400	400/800	2 + 1.5	9.00'	24c
Kodak Tmax 400	1600	3 + 2	10.00'	24c
Kodak Tmax 400	3200	4 + 2.5	11' 30"	24c
Kodak Tmax 3200	1600	4 + 2.5	9' 45"	20c
Kodak Tmax 3200	3200	4 + 2.5	10.00'	24c
Kodak Tmax 3200	6400	4 + 2.5	12.00'	24c
Kodak Tmax 3200	12500	4 + 2.5	16.00'	24c
Orwo N75	400	2 + 1.5	9-9'30"	20c
Orwo UN54	100	2 + 1.5	7.00'	20c
Rollei Infra-Red IR400	400 (25)	2 + 1.5	12'30" - 13'	20c
Rollei Superpan	200	2 + 1.5	10.00'	20c
Rollei Retro 400s	400	2% + 1.5% = 13	9 -9'30"	20c

This table is derived from the 1980s Ornano original! Since then some films bearing the same names as today, may have been updated with a newer emulsion...we have marked those suspects with an asterisk!

Films that we want to establish development times for follow:

Kodak Double-X	400, 800, 1600
Rollei Retro 80s	80-100
Rollei RPX 25	25-50
Rollei RPX100	100
Rollei RPX 400	400

Safety & Handling: Always refer to MSDS or contact BELLINI FOTO S.r.l. at e-mail: info@bellinifoto.it Tel: +39 075 985 174 or Nik & Trick Photo Services e-mail: info@NTphotoworks.com Tel: +44 1303 487156

Handle with care, KEEP IT AWAY FROM CHILDREN and follow safety and handling instructions using all the usual precautions and common sense when handling photographic chemistry, gloves, glasses etc. If this chemistry comes into contact with skin, rinse straight away under running water, if it gets into eyes then flush immediately with clean water and call for medical assistance for a precautionary check. Naturally, do not drink it, if it is by chance swallowed then induce vomiting and call for medical help.