

Photo: Dave Coombes APFS

Black & White Paper

Fotospeed B&W papers are superb in D-Max and tonal range. Even the resin coated varigrade paper is a chlorobromide emulsion. Both papers are available in a full range of sizes.

• **RCVC** - Even heavier weight resin coated variable contrast paper in Glossy and Oyster surfaces. Still excellent for toning but now with greater D-max.

• **LITH** - DW paper for lith printing producing gritty shadows and delicate highlights.



Black and White Papers Availability				
RCVC Resin Coated Variable Contrast	Glossy	FS21112	5x7	12.7x17.8 (25)
	Oyster	FS21122	5x7	12.7x17.8 (25)
	Glossy	FS21114	5x7	12.7x17.8 (100)
	Oyster	FS21124	5x7	12.7x17.8 (100)
	Glossy	FS21212	8x10	20.3x25.4 (25)
	Oyster	FS21222	8x10	20.3x25.4 (25)
	Glossy	FS21214	8x10	20.3x25.4 (100)
	Oyster	FS21224	8x10	20.3x25.4 (100)
	Glossy	FS21413	9½x12	24x30.5 (50)
	Oyster	FS21423	9½x12	24x30.5 (50)
	Glossy	FS21511	12x16	30.5x40.6 (10)
	Oyster	FS21521	12x16	30.5x40.6 (10)
LITH Fibre Based DW Lith Paper	Eggshell	FS25231	8x10	20.3x25.4 (10)
		FS25234	8x10	20.3x25.4 (100)
		FS25533	12x16	30.5x40.6 (50)
		FS25531	12x16	30.5x40.6 (10)
		FS25533	12x16	30.5x40.6 (50)
		FS25631	16x20	40.6x50.8 (10)
		FS25633	16x20	40.6x50.8 (50)

PRODUCT GUIDE FEBRUARY 2007



B&W Chemistry

Film developer, print developers, fixers - including an Alkali fixer and an odourless fixer, stop baths including an odourless stop bath, wash aid, warm tone print developer, lith developer - what more could you want? Oh yes, and full development times for all films with our FD10 film developer and a wide variety of sizes to suit all users.

Film Developer
FD10 - One shot Fine Grain Film Developer. Dilutes 1+9 or 1+14 for greater economy at longer development times.

Print Developers
PD5 - Universal Print Developer designed for fibre paper. Dilutes 1+9 and has long dish life. Gives a neutral/warm tone.

DV10 - Varigrade Print Developer, superb with resin coated papers. Dilutes 1+9 and has a very long dish life with a neutral/warm tone.

HF3 - A **Hydroquinone FREE** Print Developer that performs every bit as well as the normal print developers but totally aquatic life friendly if you care about the environment then this is for you. Dilutes 1+9 and it's throughput and keeping is identical to normal developers

WT10 - Warm Tone Print Developer with a difference. The more you dilute the warmer tone is achieved. Dilutions being 1+14, 1+19 and 1+29. **However there is no loss of contrast**



from this developer - even at the high dilution. Image is achieved either by increased exposure or increased development time
GDS10 - Grade Select Developer consists of a hard and a soft developer that can either be mixed together to make a single solution or as two separate solutions - one hard, one soft. gives a shift of 3 grades up or down.

Fixers
FX20 - Super Rapid Fixer for film and paper. Dilutes 1+9 and fixes very fast. Ideal for Fibre paper use at 1+4 for 60 secs and 1+9 for 60 secs with RC papers. **This fixer does NOT bleach the highlights if print left in too long.**
FX30 - Odourless Fixer for film and paper. Dilutes 1+7. Very gentle and as a result reduces washing times.
FX40 - **ALKALI** Fixer for film and paper. Ideal for alternative processes where a very gentle action is required.

Stop Baths
SB40 - Indicator Acid Stop Bath for film and paper, both B&W and Colour. Dilutes 1+29 and the colour changes to **purple** when exhausted.
SB50 - Odourless Stop Bath with **Indicator (changes to purple when exhausted)** for film and paper, both B&W and Colour. Dilutes 1+19 and totally odour free.

Colour Chemistry

Unique colour products which feature performance, efficiency and longevity

CKRA4 is a two bath chemical system designed for the processing of all RA4 compatible colour printing papers at 35°C where prints are made from colour negatives. The chemicals are supplied as liquid concentrates which make up Developer/Replenisher and Bleach Fix/Replenisher working solutions. The working solutions can be either used to exhaustion and discarded or replenished.

MONO RA4 Print Processing chemistry, with room temperature processing of 60secs development and bleach fixation at 20°C(68°F). MONO concentrate means single solution Developer and Bleachfix

concentrates, which makes dilution clean and simple. The active ingredients are in powder form in the concentrate which extends the keeping properties of the concentrate and the active life of the working solution. Shaking the bottle before mixing puts the ingredients into suspension to enable partial mixing of the concentrate. The powder goes into solution when diluted with water to make the working solution.

CPS100 is a unique product which brightens colours, whitens the base white, stabilises the print, and can be used to replace final washing. Dilutes 1+9 to make the working solution.

Colour Chemistry Availability			
CKRA4	RA4 Colour Chemistry 35°C	FS18280	To Make 2.5 Ltr kit
		FS18290	5 Ltr Dev
		FS18299	5 Ltr Bl/Fx
CKRA4/RT	Mono RA4 Room Temperature	FS18240	1Ltr Kit
		FS18250	3Ltr Kit
		FS18261	6Ltr Dev.
		FS18262	6Ltr Bl/Fx
CPS100	Colour Print Brightener & Stabiliser Dilutes 1+9	FS18220	1 Ltr Conc.
		FS18230	5 Ltr Conc.



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Hypo Tester
Wouldn't it be nice to know all the fixer is out? Variables include water flow rate, temperature, how long you fixed for. That's exactly what Hypo Tester is for - the end to guess work.

Farmers Reducer
Fotospeed FR10 is a silver reducer supplied as powder. Traditionally used for B&W negatives, it can also be used for reducing the density of B&W prints or any material where silver is the base. Hypo crystals are supplied in the kit for the refixing after reduction.

Storage Bottles
Black soft bottles - easy to squeeze. Black coloured they are light tight and made from high density polyethylene. Available 250ml, 500ml, 1Ltr and 5Ltr.

Chromium Intensifier
Single liquid concentrate to intensify thin B&W negs. The neg is bleached back in CI10 (diluted 1+4 with water), redeveloped in PRINT developer - the image will return stronger. The process can be repeated a several times to maximise intensification. No need to refix - just wash thoroughly.

essentials



Fotodyes

Fotospeed DY15 Fotodyes are designed to be used on any photographic emulsion. As true dyes, they are completely absorbed by the emulsion leaving no surface marking.

The dyes come in 11 different colours with one reducer. All the dyes can be fully intermixed and /or diluted to produce any colour or shade required.

Antique Dye AD10

Gives a sepia toned print that ancient mature look. Modern papers have white highlights. Old prints have 'nicotine' stained highlights. Antique dye enables you to recreate the old look of the prints of yester-year. A single solution, that is very simple to use but very effective.



Toner Test Tube

A simple tube with three toners, Sepia, Copper/Red and Blue. Enough to make 500mls of each.

DY10

B&W Retouch Kit is suitable for use on all black and white prints.



The silver image bleach can be used to remove either small black spots or large areas that are not required in the finished print. The kit contains silver image bleach, black dye, grey dye and burnt sienna dye.

Fotomask

For protecting areas of a print from toning or dying. Being bright red it is easy to see where it is being applied. The red pigment will not stain or discolour photographic emulsion.



B&W Machine Chemistry

CD11 Machine Developer dilutes 1+4 for use in all roller transport processors, slot processors or deep tanks. Intended for use at normal rapid access processing temperatures (30-32°C) where fully processed and dried prints can be viewed about 70 seconds after feed in. However, as a system designed to be replenished, it may be used for several months before being replaced with fresh solutions.

CF41 Machine Fixer dilutes 1+4 for use in all roller transport processors, slot processors or deep tanks.



Black and White		Machine Chemistry		
CD11	VariGrade Machine Developer Concentrate	Concentrate	FS02830	1 Ltr
	Dilute 1+4		FS02840	5 Ltrs
CF41	VariGrade Machine Fixer Concentrate	Concentrate	FS03330	1 Ltr
	Dilute 1+4		FS03340	5 Ltrs
DF4	Non Replenish Developer & Fixer Concentrate	To Make	FS08220	2 x 4 Ltrs

Fotospeed Toners

Fotospeed toners have been specifically designed for the toning of black and white silver based emulsions. The toning process involves the conversion of the black silver within the print to another metallic compound. When correctly toned, the image will be chemically stable. Toners such as Selenium and Gold are ideal for archival permanence techniques. Toning techniques are carried out after the print has been fully fixed and washed and are therefore performed under normal daylight conditions. Toning is very much in the creative domain of the user. When toning it is important to observe the shift of colour

in the print.

In the case of the two bath toners the print is bleached first and after a short rinse, toned in the second bath. The print can be bleached for as little or as long as the user requires. Full bleaching of the print, ie., when the whole image has virtually disappeared, will allow the pure colour of the toner to be reproduced in full. Partial bleaching of the print will leave black silver in the image and therefore give the final tone a darker colour due to the underlying silver still in the print. In the case of single working solution toners the bleaching and toning processes are simultaneous.



Selenium Toner. Subtle deep moody shades of purple through to just hints of warmed blacks dependant on dilution and paper type. Creative split toning techniques described in the instructions. Ideal for archival permanence techniques at 1+39 where no colour take up shown.



Blue Toner. An iron blue toner giving deep cobalt blue to an electric blue.



Copper/Red Toner Warm copper shades to cherry reds can be produced.



Sepia Toner. A variable odourless toner which gives classic shades of sepia from pale yellow to deep brown.



Gold Toner. A warm glow of peachy reds when used on a sepia toned print. Cool steely blue hues from fibre paper. Ideal for archival permanence techniques.

Product Availability

PALETTE	Palette Toner - to make		
FS06910	2.5Ltr Kit, FS06911 - 2.5Ltr Red, FS06912 - 2.5Ltr Blue, FS06913 - 2.5Ltr Tit. Yellow		
FS06914	2.5Ltr Van.Yellow, FS06915 - 2.5Ltr Activator, FS06916 - 2.5Ltr Intensifier		
ST20	Odourless Variable Sepia Toner To make 1.5Ltrs	FS06110	150ml Kit
	To make 5Ltrs	FS06130	500ml Kit
	To make 50Ltrs	FS06150	5Ltr Kit
Bleach	To make 5Ltrs	FS06131	500 ml Pt.1
	To make 50Ltrs	FS06151	5 Ltr Pt.1
Toner	To make 5Ltrs	FS06132	500 ml Pt.2
	To make 50Ltrs	FS06152	5 Ltr Pt.2
Toner Additive	To make 50Ltrs	FS06133	500 ml Pt.3
		FS06153	5 Ltr Pt.3
ST10	Odourless NON Variable Sepia Toner. To make 1Ltr	FS06610	1Ltr Kit
COTTS	Finger Condoms	FS07820	Pack of 100
AD10	Antique Dye	FS07220	100 ml
RT20	Copper/Red Toner	FS06410	150 ml Kit
	To make 1.5Ltrs	FS06430	500 ml Kit
BT20	Blue Toner	FS06210	150 ml Kit
	To make 1.5Ltrs	FS06230	500 ml Kit
SLT20	Selenium Toner	FS06310	250 ml
	To make 5Ltrs	FS06320	500 ml
	To make 10Ltrs	FS06330	1 Ltr
AU20	Gold Toner	FS06710	1 Ltr
TEST TUBE	50ml of ST20, BT20, RT20	FS06010	Kit
DY15	Fotodyes with reducer	FS07210	12 x 15 ml
DY10	BMW Retouch Kit	FS07710	5 x 15 ml
MK50	Fotomask	FS07310	125 ml
MK550	Fotomask Brush Cleaner	FS07410	125 ml



Palette Toner

A Kaleidoscope of colour from a single kit

Fotospeed PALETTE TONER is a multi toner kit with three colours - Yellow, Blue & Red enabling a range of colours and hues to be achieved through the split toning process. Each colour is a single solution with an activator liquid being added to the toner to start toning allowing an array of vibrant hues to be created from a single kit. Being a traditional toning system it is controllable and allows many copies of the same toned print to be made.

Alternative Process Kits

The Masters of the photographic art who developed and evolved the modern photographic process produced rich quality images using a variety of light sensitive materials and a combination of intriguing chemicals. Evocative names such as Cyanotype and Bromoil are recreated in this Heritage Range.



SALT PRINT - courtesy of Mike Gray - Tel: 01373 83044

SALT PRINTING

An alternative process exposed by Ultra Violet/Sunlight through use of contact negatives to produce images exactly as were produced by William Henry Fox Talbot in 1835.

BROMOIL An alternative process

where the silver in a bromide print is replaced with an oil based printers ink - hence Bromoil. The character of the image can be rearranged with this process.

CYANOTYPE An alternative process exposed by Ultra Violet/Sunlight through use of contact negatives to produce a blue image on art paper of your choice.

GUM BICHROMATE An alternative process exposed by Ultra Violet/Sunlight through use of contact negatives to produce an image which can be added to in layers to finally display a pigmented picture with unequalled depth.

ARGYROTYPE An alternative process exposed by Ultra Violet/Sunlight through the use of contact negatives to produce a continuous tone brown image on art paper or your choice.

Lith Printing

Fotospeed - A lith printer's paradise

Lith printing will challenge and appeal, often frustrate but always reward the darkroom worker with a truly unique image of gitty shadows, delicate highlights and a subtle change of image tone.

It should be noted that lith printing has nothing to do with printing from lith negatives.

Full instructions are included with every Lith Developer Kit complete with tips from one of the masters of Lith Printing - Tim Rudman

Fotospeed Lith Paper is a double weight fibre paper with an Eggshell finish. Used in conjunction with lith developer it will give gritty shadows and delicate highlights producing a startling image. Fotospeed LD20 Lith Developer is specifically formulated for Lith printing.



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Glass Coating Rods

Glass coating rods made out of 10mm borosilicate glass tube. The size of the rod refers to the straight line portion for coating. The rods are made with handles to hold while coating. The straight line portion is within exacting tolerances to ensure that the sensitizer being coated is applied evenly.



Contact Printing Frames

High quality Beech contact frames made with hinged backs to enable inspection of the material being exposed without deregistering the negative.

Finger Cotts

It is advisable when using chemicals to wear some protection for your fingers. Gloves are sometimes inconvenient and cumbersome. So, welcome to something that covers only the of fingers, Finger Cotts, fantastic protection for fingers and very easy to put on and take off.

Fabiano 5 & Caneletto Paper

Fotospeed also supply these excellent acid free art papers for use with the alternative processes. Available in 8x10in, 12x16in & 16x20in.

Liquid Emulsions

Fotospeed LE30 Liquid Emulsion is available in Fixed Grade (2/3) or Variable Contrast. LE30 and LE30 VC are both Black & White photographic emulsions supplied in a form that allows the user to apply it to virtually any surface. Once coated it should be allowed to dry and then treated like a normal B&W print.



Product Availability			
LE30	Liquid Emulsion - Fixed Grade	FS07110	30 ml
		FS07120	250 ml
		FS07130	500 ml
		FS07140	1 Ltr
LE30 VC	Liquid Emulsion - Variable Contrast	FS07121	250ml
SALT PRINTING	Salt Printing Process Kit	FS08810	Kit
GUM BICHROMATE	Gum Bichromate Process Kit	FS08710	Kit
ARGYROTYPE	Argyrotpe Process Kit	FS08410	Kit
	Sensitiser only	FS08411	50ml
CYANOTYPE	Cyanotype Process Kit	FS08510	Kit
	Sensitiser only	FS08511	50ml
BROMOIL	Bromoil Process Kit	FS08610	
	Paper 12x16 (10)	FS08611	
	Paper 16x20 (10)	FS08612	
	Brushes No2 to No 12		
	Ink Black 30ml	FS08618	
	Ink Yellow 30ml	FS08619	
	Ink Magenta 30ml	FS08620	
	Ink Cyan 30ml	FS08621	
	Chemistry 4Ltrs	FS08622	
LD20	Lith Developer - 500ml of A & 500ml of B To Make 5Ltr of A & 5Ltr of B	FS02420	10 Ltrs
		FS02440	100 Ltrs
LSK10	Lith Printing Starter Kit. 10 shts 8x10 paper & chems	FS02410	Kit
RODS	Coating Rods	FS08412	4in
		FS08413	7.5in
		FS08414	11in
FRAMES	Contact Frame with Hinged Back	FS08320	12x16in
OHP FILM	For contact negatives from an inkjet printer		A4 and A3