

B & W Suprol Film & Paper Developer and Amfix Universal Fixer

Suprol is a high concentration PQ-type Developer to use in manual and machine processing of general purpose monochrome film and graded print materials. The companion product to Suprol is Amfix, a high stability, long lasting fixer which can be used at different dilutions.

Suprol and Amfix are supplied under the following descriptions;

B & W Suprol Film & Paper Developer: 180129

Amfix Universal Fixer : 160202

- Suprol is a neutral tone Developer for B&W Film, RC and fibre based materials.
- Fine Grain, High Acutance, rapid working film Developer.
- Self replenishing Developer.
- For manual or machine processing of films and papers.
- Ideal for use in roller transport type machines for print processing.
- High workload capacity – long life manual print Developer.
- Clean working.
- Compatible with all general purpose black and white films and papers.
- All liquid concentrates.
- Convenient pack sized.

Use of SUPROL

Manual Processing

SUPROL can be utilised in shallow tray, small spiral tanks, reel to reel-to-reel tanks or deep tank units, as appropriate to the application.

General Purpose Film Materials

SUPROL Developer Dilutions				
Application	Dilution	Processing Time @ 20°C (Minutes)	Dilution for Replenishment	Replenishment Rate mls/sqm.
35mm, Roll & Sheet	1 + 19	2 – 5	1 + 5	1000
	1 + 49	4 – 10	-	-
35mm, Roll & Sheet	1+3 – 1+4	2 – 5	1+3	400

B & W Suprol Film & Paper Developer and Amfix Universal Fixer

RC and Fibre Base Papers

SUPROL Developer Dilutions			
Application	Dilution	Processing Time @ 20°C (seconds)	Throughput (sq Metre per litre)
Rapid Processing	1+5	50 – 60	5.0
Fast Processing	1+9	90 – 100	3.0
AMFIX Fixer Dilution			
All Materials	1+3 – 1+4	60 – 90	5.0

Machine Processing

General Purpose & Specialist Film Materials

SUPROL Developer Dilutions					
Application	Processing Conditions			Replenishment	
	Dilution for Initial Bath	Time (Seconds)	Temperature °C	Dilution	Addition (mls per sq)
35mm, roll & Sheet	1 + 19	90 – 120	20	1+3 – 1+4	1000
16mm, 35mm cine	1 + 7	18 – 150	20	1+6	250 -500
Microfilm	1+1 – 1+4	30 – 150	20 – 30	1+1 – 1+4	100 – 250
Aerial	1 + 5	7 – 10	20	1+5	200 – 300
AMFIX Fixer Dilution					
All Materials	1+3 – 1+4	30 – 50	20 – 30	1+3	300 - 500

RC Base Print Materials

SUPROL Developer Dilutions					
Application	Processing Conditions			Replenishment	
	Dilution for Initial Bath	Time (Seconds)	Temperature °C	Dilution	Addition Rate (mls per sq)
RT Machines	1 + 7	20 – 30	28 – 32	1 + 4	200
AMFIX Fixer Dilution					
RT Machines	1 + 3	30 – 40	28 – 32	1 + 3	500

B & W Suprol Film & Paper Developer and Amfix Universal Fixer

Preparation of Working Solutions:

The basic recommendations for the preparation of the working solutions will be found on the individual pack labels and more comprehensive information is provided in the relevant sections of this Technical Data Sheet.

NB: Any information concerning chemical preparation, marked on a processing machine or printed in a machine handbook should be disregarded if it conflicts with the recommendations printed on the individual pack or provided on this Technical Data Sheet.

Storage of Chemicals:

- **Concentrates** – Processing concentrates have a normal storage life of upto 24 months, when held in unopened containers under steady temperature conditions 13°C-25°C (56°F-77°F). Higher temperatures may result in accelerated chemical reactions and cause deterioration of the concentrate. Temperatures lower than 5°C (41.5°F) should be avoided as some crystallisation may occur in concentrates.
- **Working Solutions and Replenishers** – Machine tank solutions should not be allowed to stand unused for more than one week, or the activity will be reduced by aerial oxidation. No more than one week's supply of any of the replenisher solutions should be made up at a time.
- **Safe Use of Processing Chemicals** – All chemicals should be kept out of reach of children. Refer to labels on the box and to the Material Safety Data Sheet for precautionary information. Protective clothing including gloves and face/eye protection should always be worn when handling chemicals.

WARRANTY: Seller, Champion Photochemistry, expressly disclaims any and all warranties, express or implied, including any warranties of merchantability or fitness. Seller's sole obligation for defect is to replace the defective product. In no event shall seller have any liability for incidental or consequential damages.

Manufactured By:

CHAMPION PHOTOCHEMISTRY

Lot 28-B Mukim Batu Industrial Area, 6½ Miles Jalan Kepong 52000 Kuala Lumpur, Malaysia
Tel: (603) 6257-2600 Fax: (603) 6257-2622
Website: www.championdigitalinks.com/products/photochemistry-product-support/465