

Graphic Arts Chemicals: 4th & 5th Generation

Novotech Universal Developer is a single solution liquid concentrate for the machine processing of graphic arts 4th & 5th generation emulsion.

- Ideal developer for image-setting film and other 4th & 5th generation emulsions
- Suitable for the rapid access processing of 2nd generation line, screen, daylight and typesetting materials
- Highly stable and long working life
- Very clean working
- Wide latitude in development time, temperature and replenishment



Novotech Universal Developer (2x5L) T/M 2x15L/2x20L 160101

AmFix Universal Fixer (2x4.8L) T/M Variable 160202

(Formerly known as Grafix Fixer & Replenisher)

PROCESS SPECIFICATIONS

1. Machine Use for 4th & 5th Generation Films and Intermixes

Processing Stage	Dilution	Processing Conditions		Replenishment* mls sqm
		Temp (°C)	Time (Sec)	
Novotech Developer	1+2	35°C ± 3°C	30 ± 15	300 - 400
Amfix Universal Fixer	1+3	35°C ± 3°C	30 ± 15	450 - 500

* Recommended Starting Point

2. 2nd Generation Rapid Access Materials (Film & Paper Only)

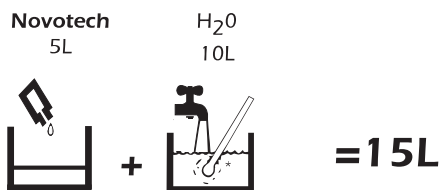
Processing Stage	Dilution	Processing Conditions		Replenishment* mls sqm
		Temp (°C)	Time (Sec)	
Novotech Developer	1+3	35°C ± 3°C	30 ± 15	300 - 400
Amfix Universal Fixer	1+3	35°C ± 3°C	30 ± 15	450 - 500

* Recommended Starting Point

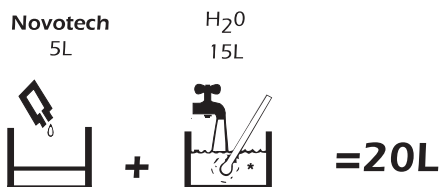
Preparation: **Novotech**

Graphic Arts Chemicals for Labs

Dilution (4th & 5th generation) : 1 + 2

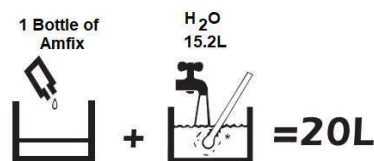


Dilution (2nd generation) : 1 + 3



Amfix Universal Fixer & Replenisher

* Mix well



Fixation

After completion of the development stage, the film and paper materials should be treated in a rapid working fixer such as **AMFIX** Universal Fixer & Replenisher (formerly known as Grafix Fixer & Replenisher).

CAUTION: When filling a machine or preparing replenisher solutions, extreme care should be taken to avoid cross-contamination of the developer solutions with fixer since even small volumes of fixer will cause large processing variations. Before a tank is refilled it should be completely drained, rinsed with water, cleaned thoroughly.

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

