

Graphic Arts Chemicals: Novotech Universal Developer For Rapid Access, 4th Generation & Gen 5

Novotech Universal Developer & Replenisher is a single part liquid concentrate for the machine processing of graphic arts rapid access, 4th generation and Gen 5 Graphic Arts films at variable dilutions dependent upon the application.

- Ideal developer for image-setting film and other 4th generation emulsions
- Suitable for the rapid access processing of general purpose 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 & Repl	2x5L	160101
Novotech Universal Developer & Repl	10L	160137
Grafix Fixer & Replenisher	2x5L	160201
B&W Universal Hardener	6x500ml	181102
Proclean Tank Cleaner	2x2x20L	171309

PROCESS SPECIFICATIONS

1. Machine Use for 4th Generation Films and Intermixes and all other rapid access materials

Dilution of Novotech Universal Developer & Replenisher	Processing Conditions		Replenishment Rate* (ml/sq metre)
	Temp (°C)	Time (Sec)	
Fourth Generation 1+2 and Generation 5 films.	30 - 40 ^o	20-35	300-400
Other Graphic Arts Materials 1+ 3	30 - 40 ^o	25-35	300-400

Preparation:

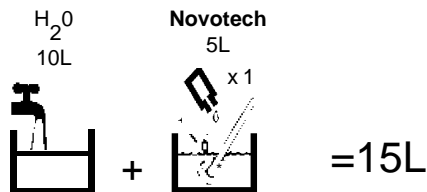
Novotech Developer & Replenisher

Graphic Arts Chemicals

5L Size

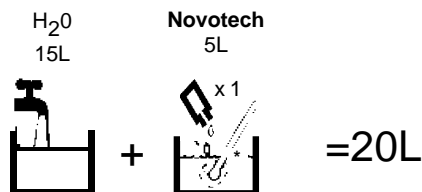
Dilution : 1 + 2

4TH GEN



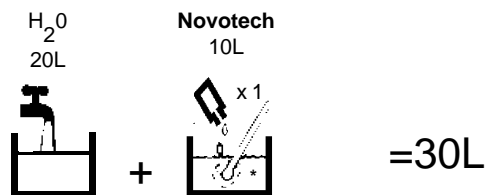
Dilution : 1 + 3

Rapid Access

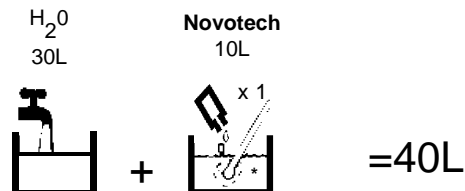


10L Size

Dilution : 1 + 2



Dilution : 1 + 3

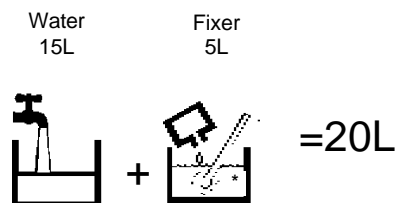


Fixation

After completion of the development stage, the film and paper materials should be treated in a rapid working fixer such as GRAFIX Fixer & Replenisher. If experiencing drying problems or jamming when machine processing add B&W Universal Hardener at the rate of 25mls per litre to the replenisher mix.

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 using as directed Proclean Tank Cleaner.

Grafix Fixer & Replenisher



STORAGE OF CHEMICALS:

- **Concentrates** - All of the processing system concentrates have a normal storage life of at least 12 months, when held in unopened containers under steady temperature conditions in the range 13°-18°C. However, storage temperature below 5°C should be avoided as some crystallization may occur.
- **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.

Replenisher solutions should be kept covered with lids to reduce evaporation, oxidation and contamination.

• **Safe Use of Processing Chemicals** - All chemicals should be kept out of reach of children. Refer to labels on the box and to the Safety Data Sheet for precautionary information. Protective clothing, including gloves and face/eye protection should always be worn when handling chemicals.

Contact our Technical Services Department or your local representative to determine which combination of chemicals is most suitable for your use.

WARRANTY: Seller expressly disclaims any and all warranties, expressed 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 under an ISO 9001/2000 approved system by:

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