

# Graphic Arts Chemicals: Rapid Access

**Novospeed Developer & Replenisher** is a high activity single solution liquid concentrate for the rapid access processing of graphic arts films.

- Optimum results with image-setting film
- Suitable for use in most replenishable rapid access or deep tank machines intended for the processing of phototypesetting, reprographic and graphic arts materials;
- Clean working, highly stable, long life tank and replenisher solutions;
- Wide latitude in processing times and temperatures.

**Novotak Developer & Replenisher** is a rapid access liquid concentrate for processing a wide range of graphic arts films and papers.

- Ideal for the rapid access processing of line, screen, daylight and typesetting materials
- The perfect developer for processing laser scanner films
- Suitable for contact, continuous tone, colour separation and masking work
- For use in deep tank and shallow tray automatic machines and in manual processing
- Highly stable, long working life
- Very clean working
- Wide latitude in development time, temperature and replenishment

Novotak Developer & Replenisher	2x5L	160112
Novospeed Developer & Replenisher	2x5L	160111
Grafix Fixer & Replenisher	2x5L	160201
B&W Universal Hardener	6x500ml	181102
Proclean Tank Cleaner	2x2x20L	171309

## PROCESS SPECIFICATIONS

### Machine Processing:

Dilution of Novospeed Dev & Repl.	Processing Conditions		Replenishment Rate* (ml/m <sup>2</sup> )
	Temp (°C)	Time (sec)	
1+2	30 - 40°	30 - 40	300 - 400

\* recommended starting point

### Machine Processing:

Dilution of Novotak Dev & Repl.	Processing Conditions		Replenishment Rate* (ml/m <sup>2</sup> )
	Temp (°C)	Time (sec)	
Films 1+3	30 - 40°	30 - 40	250 - 350

\* recommended starting point

### Manual Processing:

Dilution of Novotak Dev & Repl.	Recommended Temp (°C)	Processing Time (sec)
Film Materials 1+5	20 ±20	120 - 180
Papers 1+6		



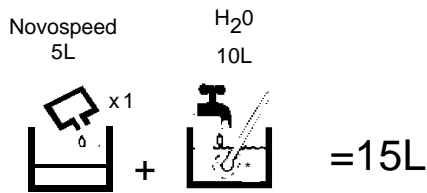
### Fixation

After completion of the development stage, the film and paper materials should be treated in a rapid working fixer such as GRAFIX Fixer and Replenisher. If experiencing drying problems or jamming when machine processing it is recommended that Hardener is added 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 and cleaned thoroughly using Proclean Tank Cleaner.

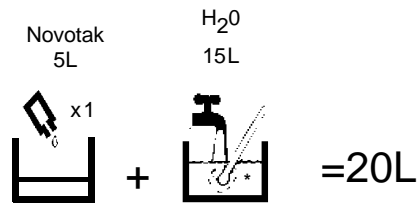
**Novospeed Developer & Replenisher** \* Mix well

Dilution: 1 + 2



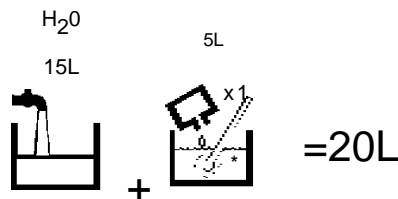
**Novotak Developer & Replenisher** \* Mix well

Dilution: 1 + 3



**Gratic Fixer & Replenisher B&W Universal Hardener**

Dilution: 1 + 3



**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 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, Champion Photochemistry Limited, expressed 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 under an ISO 9001/2000 approved system by:

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