

PRODUCT INFORMATION

WASH ACCELERATOR For B&W processing

Wash Accelerator **1 L for 20 L working solution** **REF 16458**

After fixing of Black & White films and photographic papers, a thorough water wash is required to remove silver thio-sulphate complexes and any unused components of the fixer – in particular sodium or ammonium thiosulphate – from the emulsion.

The use of a Wash Accelerator between fixer and water wash improves the swelling behaviour of the emulsion and promotes the diffusion of silver thiosulphate complexes and any remaining fixer components into the water.

This significantly reduces the time for water wash. The result is lower water and energy consumption, shorter processing times and improved archival stability of the processed materials.

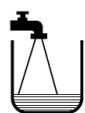
Calbe Wash Accelerator reduces the time for water wash of Black & White films and Black & White Baryta Papers by around 50 percent. It can be used in tanks and trays as well as in developing machines that are equipped with a replenishment system.

APPLICATION IN MACHINES

Wash Accelerator is applied in B&W developing machines that are equipped with a replenishment system, used in a tank between the fixer and the water wash.

MIXING

Water
> 20 °C



950 ml
19 L

Wash Accelerator
conc.



50 ml
1 L

=

Working solution /
replenisher



1 L
20 L

Working solution and replenisher
are identical.

TIME & TEMPERATURE

B&W Films: ca. 2 minutes

B&W Baryta paper: ca. 3 minutes

Wash Accelerator can be used within a temperature range of approximately 18–26°C.

REPLENISHMENT

Film: 33 ml/135-36. Baryta paper: 330 ml / m².

YIELD

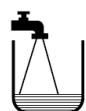
ca. 57 m² Baryta paper or ca. 606 films 135-36

APPLICATION IN TANKS AND TRAYS

In spiral tanks and trays, Wash Accelerator is applied between fixer and water wash. Where possible, films and papers should be rinsed after fixing to reduce or prevent the carry-over of fixer into the Wash Accelerator.

MIXING

Water
> 20 °C



950 ml

Wash Accelerator
conc.



50 ml

=

Working solution
ready-to use



1 L

Always start with water and then add the concentrate – not the other way round.

TIME & TEMPERATURE

B&W Film: ca. 2 minutes

B&W Baryta paper: ca. 3 minutes

Wash Accelerator can be used within a temperature range of approximately 18–26°C.

APPLICATION

Wash Accelerator can be used in daylight. Steadily move spirals with wound films inside the spiral tank, as well as films on frames, up and down in the Wash Accelerator solution. It is best to treat sheet films in a tray – to do this, grasp the sheet film by the edge using a laboratory pliers and steadily move it up and down.

YIELD

Max. 30 rolls of 135-36 film or max. 3 m² of B&W baryta paper - each per litre of ready-to-use working solution.

STORAGE

Wash Accelerator should be stored in a dry place, protected from frost and out of reach of children. The maximum temperature range is between 5°C and 25°C. Storage temperatures between 10°C and 20°C are ideal.

SHELF LIFE

Wash Accelerator in unopened, originally sealed powder bags has a shelf life of approx. 2 years.

OCCUPATIONAL SAFETY

Handling of photographic chemicals is safe, if used properly and protective measures are followed. Hazard and precautionary information can be found on the label (H and P phrases, hazard symbol) and in the safety data sheet. Personal protective equipment should include safety goggles or face shield, protective gloves and a lab coat or apron.