

ASP 70 PROCESS

Chemical Processing Layout for Colour Negative Films

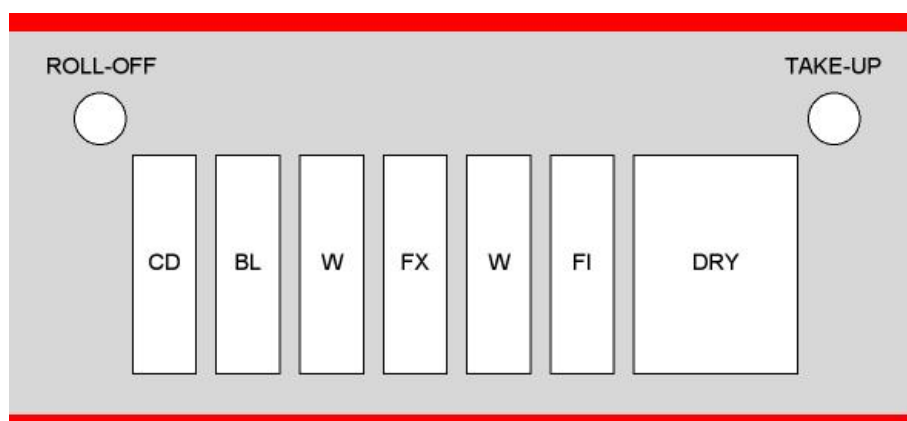
APS 70 Process is a chemical processing arrangement for processing colour negative aerial films and speciality colour negative film products. It is compatible with standard C-41 or AP70 chemistries. The process is suitable for aerial roller transport machines and similar equipment.

■ Properties:

- Stable and reliable chemistry.
- Odourless developer.
- Optional use of 100% bio-degradable bleach bath.
- The final bath is formaldehyde-free and highly resistant to algae growth.
- Only liquid chemicals are used
- Environment friendly and bio-degradable.

■ Process Layout

- When loading the bleach bath BL into the machine tank, ASP70 70 BL-R is diluted. Acetic acid is needed to prepare the replenishment solution.
- FX-universal fixer cannot be used in a closed-loop set-up with fixer regeneration. Unifix fixer has to be used for the regeneration of the fixer.
- For all other baths using starters - the starter is only used when loading the machine.



Standard ASP Process: Colour Developer: 3 min 15 s / 37.8°C
Pushed process: Colour Developer: up to 5 min 20 s / 40°C

CD (Colour developer) / recommended replenishment rate: 1075 ml/m² film

Order Code	Product	m ² per item
ESPLE	ASP 70 CD-R 2x(A+B+C)/2x20 liter	37
ESLQG	ASP 70 CD-R 2x(A+B+C)/2x50 liter	93
ESLRJ	ASP 70 CD-S universal 6x1 liter/6x200 liter	starter

BL (Bleach) / recommended replenishment rate: 810 ml/m² film

Order Code	Product	m ² per item
ESLTN	ASP 70 BL-R 20L/40L	49 starter solution
ESLUP	Acetic Acid 60% : 10L conc.(for ESLTN)	replenishment

FX (Fixer) / recommended replenishment rate: 810 ml/m²

Order Code	Product	m ² per item
ESLK3	ASP FX-Universal Cube 20L/200L	247
ESLL5	ASP FX-Universal 4L/40L	49
ESLM7	ASP FX-Unifix 60L conc.	741

FI (Final bath) / recommended replenishment rate: 810 ml/m²

Order Code	Product	m ² per item
ESLWT	ASP 70 FI 6x0,5l/6x50L	370

■ System Compatibility

Since the ASP 70 chemistry is compatible with the C-41 architecture, the individual chemistry loads can be combined with other manufacturers' chemistry loads in one processor. It is recommended neither to mix chemistries of different makes for the production of one load or bath nor to use starters not intended for use with ASP 70 chemistry, since that will affect the overall quality.

■ Care and Storage of Solutions

All Agfa's APS colour chemicals for use with the C-41 process are supplied as all-liquid concentrates. They easily dissolve in water, without excessive mixing time. After adding each concentrate to the solution, mixing is needed for complete dissolution. When used under normal conditions, none of the chemicals is subject to undue oxidation. However, the volume of developer replenisher prepared should not be for more than your weekly normal consumption. Longer storage times will increase the degree of oxidation and lead to lower process activity. The use of floating lids on replenishers stored in vats will help reducing oxidation.

To avoid developer contamination, never mix or store developer in containers which previously contained bleach, fixer or bleach-fix. It is good practice to check the calibration of mixing vats once per year to ensure that there are no changes in the shape of the vat, which would cause incorrect volumes.

Subject to change without notice.

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