

ASP 44 PROCESS

Chemical Processing Layout for Colour Reversal Films

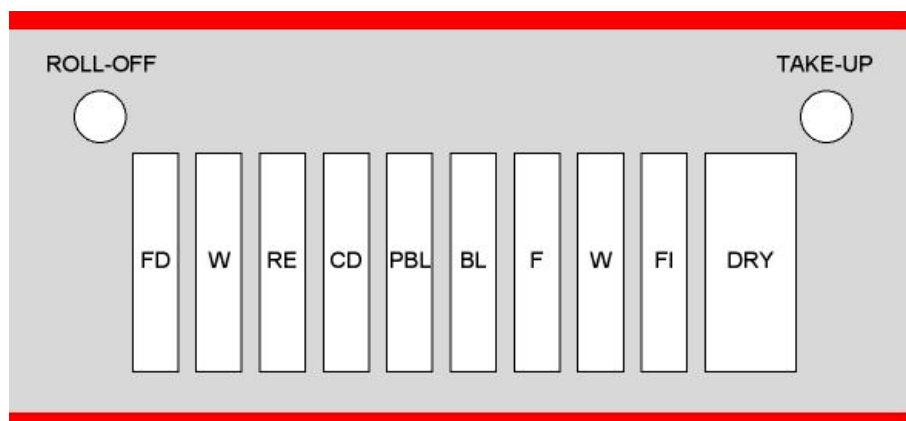
ASP 44 Process is a chemical processing layout for processing colour reversal aerial films and speciality colour reversal film products. It is compatible with standard E6 or AP44 chemistries. The process is suitable for aerial roller transport machines and similar equipment.

■ Properties

- Stable and reliable chemistry.
- The pre-bleach (P BL) and final rinse (FI) combination reduces the emission of formaldehyde to a minimum. This operator friendly chemical combination also increases dye stability over time.
- Odourless reversal bath (RE)
- Only liquid chemicals are used
- Environment friendly and bio-degradable.

■ Process Layout

- The conventional conditioner bath in the E6 set-up is replaced by a bleach bath incorporating the stabilizer. Using the pre-bleach bath ASP 44 P BL induces the exclusive usage of ASP 44 FI. This difference with the conventional E6 set-up does not have any consequences in processor layout or bath conditions.
- FX-universal fixer cannot be used in a closed-loop set-up with fixer regeneration. For fixer regeneration, Agfa's Unifix fixer has to be used.



Standard ASP 44 Process: Colour Developer: 6 min / 38°C

Pushed ASP 44 Process: Colour Developer: up to 7 min / 39.5°C

FD (First Developer) / recommended replenishment rate: 2150 ml/m² film

Order Code	Product	m ² per item
ESK7B	ASP 44 FD-R Cube 20L/100L	47
ESK8D	ASP 44 FD-R 4L/20L	9
ESK9F	ASP 44 FD-S (6x1L)/6x200L	starter

RE (Reversal bath) / recommended replenishment rate: 1100 ml/m² film

Order Code	Product	m ² per item
ESLAK	ASP 44 RE Cube 20L/400L	364
ESLBM	ASP 44 RE (6x1L)/6x20L	109

CD (Colour Developer bath) / recommended replenishment rate: 2150 ml/m²

Order Code	Product	m ² per item
ESLCO	ASP 44 CD-R 1x(A+B)/20L	9
ESLDQ	ASP 44 CD-R Part A Cube 20L/100L	46.5
ESLES	ASP 44 CD-R Part B Cube 20L/100L	46.5
ESLFU	ASP 44 CD-S (6x1L)/6x200L	starter

P BL (Pre Bleach bath) / recommended replenishment rate: 1100 ml/m²

Order Code	Product	m ² per item
ESLGW	ASP 44 P BL (2x2L)/2x20L	37
ESLHY	ASP 44 P BL Cube 20L/200L	186

BL (Bleach bath) / recommended replenishment rate: 215 ml/m²

Order Code	Product	m ² per item
ESLSL	ASP 44 BL-R Cube 20L/20L	93
ESLJ1	ASP 44 BL-S (6x1L)/6x50L	starter

FX (Fixer bath) / recommended replenishment rate: 1100 ml/m²

Order Code	Product	m ² per item
ESLK3	ASP FX-Universal Cube 20L/200L	182
ESLL5	ASP FX-Universal 4L/40L	36
ESLM7	ASP FX-Unifix 60L conc.	545

FI (Final rinse and stabilizer bath) / recommended replenishment rate: 1100 ml/m²

Order Code	Product	m ² per item
ESLNA	ASP 44 FI 6x0,2L/6x20L	109
ESLOC	ASP 44 FI Cube 20L/2000L	1818

■ System Compatibility

As the ASP 44 chemistry is compatible with the E6 architecture, individual chemistry loads can be combined with other manufacturers' chemistry loads in one processor. Physical mixing of chemistry of different makes for the production of one load or bath and the use of starters not intended for ASP 44 chemistry will affect the overall quality.

■ Care and Storage of Solutions

All Agfa's ASP colour chemicals for use with the E6 process are supplied as all-liquid concentrates. They easily dissolve in water, without excessive mixing time. A maximum of 30 seconds mixing is needed for complete dissolution after the addition of each concentrate to the solution. When used under normal conditions, none of the chemicals is subject to undue oxidation. However, the volume of developer solutions prepared should not be for more than your weekly normal consumption when stored in containers without floating lid. 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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