

EnviroNeg Developer 60 AC (# 998 518)
EnviroNeg RA Bleach 10 AC (# 998 534)

PM 08.01
October 10th, 2008

Fuji Hunt Film Processing Chemicals for Low Throughput Film Processors

Low Film Throughput Chemistry / FUJIFILM Technology

INTRODUCTION

Fuji Hunt EnviroNeg Developer 60 AC is specially designed for use in all types of film processor that are having problems with low throughput.

Under even very low throughput conditions (down to 3 films/day for a 10 litre developer tank), proper use of this new developer will avoid any requirement for developer retanking – previously necessary to retain process activity – and give you a good film process that will give you high quality prints and satisfied customers.

EnviroNeg RA Bleach 10 AC is designed as the ideal partner for **EnviroNeg Developer 60 AC** for use in all types of C41 RA process minilabs.

RECOMMENDATION

EnviroNeg Developer 60 AC can replace all of your existing C41 process developers. Very few labs still have enough films to process to justify EnviroNeg Developer LR AC, and many struggle even the standard EnviroNeg Developer AC. The most secure and future proofed way to keep your film processor running well is to change to the proper chemistry outlined in this document.

Normal replenishment rate for this developer is 60 ml/135-24 film and 10 ml for the bleach, so you use more developer and bleach than before. Even if your chemical cost will be higher as you are running a higher replenishment rate, over the year, it will save you a lot more money by not having to retank your processor on a regular basis and by having satisfied customers who will return to your shop.

CHANGING TO EnviroNeg Developer 60 AC / RA Bleach 10 AC

Changing to this new chemistry is very easy. When you start using it, you simply increase the developer replenishment rate to 60 ml / 135-24 and the bleach replenishment rate to 10 ml / 135-24. If you know that you have a poor film process now, it is best if you use any remaining stock of your current developer (and bleach) to replace the existing tank solutions and make a good start. Even if you do not do this, the new chemistry will still improve your film process quality over time – but it will take longer to see the changes.

Important:

EnviroNeg Developer 60 AC has a wide processing latitude. When in future you find that a further drop in film volumes processed is having a negative effect on your process stability, you can increase the developer replenishment rate to 70 ml 135-24. The table below is a good indication which developer to use in relation to processor tank volume and number of films processed.

C41 Developer Selection and Replenishment Rate Chart

Films / Week	Developer Tank Volume							
	5	10	15	20	25	30	40	50
200	Blue	Orange	Blue	Orange	Yellow	Yellow	Yellow	Green
150	Blue	Orange	Blue	Orange	Yellow	Yellow	Green	Green
100	Blue	Orange	Blue	Yellow	Green	Green	Green	Green
80	Orange	Yellow	Blue	Green	Green	Green	Green	Red
60	Orange	Yellow	Green	Green	Green	Green	Red	Red
40	Yellow	Green	Green	Green	Red	Red	Red	Red
20	Yellow	Green	Red	Red	Red	Red	Red	Red
10	Green	Red	Red	Red	Red	Red	Red	Red

Key :

- Use EnviroNeg Developer LR AC / EnviroNeg RA Bleach AC
- Use EnviroNeg Developer AC / EnviroNeg RA Bleach AC
- Use EnviroNeg Developer 60 AC @ 60 ml/135-24 / EnviroNeg RA Bleach 10 AC
- Option : Use EnviroNeg Developer 60 AC @ 70 ml/135-24
- Not recommended

For further information, please see : www.fujifilm.eu/feb