COLOR NEGATIVE - ECN-2 PROCESS

→ Color negative camera film: Kodak 7203, 7207, 7213, 7217 and others†
→ Fuji color negative camera film†
→ Color intermediate film: Kodak 7242†, 3242†, 7244†

1. IN TOTAL DARKNESS
   - WATER 27-38°C x3*
   - SB14 Stop bath 27-38°C 30″**
   - PB Prebath 20-25°C 30″
   - SD49 Color developer 41.1°C ±0.1 3***

2. Light on
   - F34a Fixer 38°C ±1.0 2'
   - SR29 Bleach 38°C ±1.0 3'
   - Rem-jet removal *****

3. Process the film!
   - Wetting agent 20-25°C 30″
   - WATER 27-38°C 30″
   - WATER 27-38°C 30″
   - WATER 27-38°C 2****

4. Dry the film

* Rinse energetically for the rem-jet to fall off, for example by moving the spiral up and down in the bath, and remember to change the water several times.

** In order to agitate, rotate the spiral slowly and continuously, alternatively clockwise and counter-clockwise.

*** Do not use water instead of the stop bath!

**** Rinse the film after the fix bath preferably in running water, for example in an overflowing tank.

***** After the final wash, it is necessary to carefully remove the remaining rem-jet. One way to do this is to take the film off the spiral and manually run it through a folded wet chamois cloth into a basin fill of water, spaghetti-style. Repeat the process as you feed the film back onto the spiral.

As it is difficult to prevent rem-jet from shedding into the developer as you process the film, it helps to filter the developer between uses with a filter such as the Whatman 114V or an equivalent. (Coffee filters will not remove the finer rem-jet particles.)

Replenishment

→ for 15m of S8 :
   - Prebath 50 ml
   - SD49R 112 ml
   - SB14R 75 ml
   - SR29R 25 ml
   - F34aR 75 ml

→ for 2×15m of S8 :
   - Prebath 100 ml
   - SD49R 225 ml
   - SB14R 150 ml
   - SR29R 50 ml
   - F34aR 150 ml

→ for 30m of 16mm :
   - Prebath 200 ml
   - SD49R 450 ml
   - SB14R 300 ml
   - SR29R 100 ml
   - F34aR 300 ml

For 35mm, double the 16mm rates.
Adjust proportionally for shorter footage.