

# KIT C 41 FILM NEGATIVE PROCESS

Code KIT C 41/1

## DESCRIPTION

This kit is formulated for the processing of C41 negative films. The capacity of this kit will be sufficient for twelve to sixteen 35mm films, it contains the appropriate products to make the following:

- 1 litre of Developer
- 1 litre of Bleach-RA
- 1 litre of Fixer RA
- 10 litres of stabiliser

## SAFETY INSTRUCTIONS

Always handle chemistry, especially photographic chemistry with care. Work in well ventilated areas, wearing gloves and safety goggles. Please refer to the manufacturers' Master Data Sheet, which will be available either from your vendor or by sending an email directly to: [info@bellinifoto.it](mailto:info@bellinifoto.it)

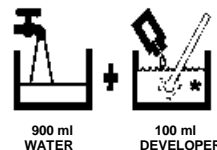
Please seek locally relevant advice regarding disposal of used and depleted chemicals from your local authority or waste water services provider or look online for a company providing an appropriate service in your area. **Never mix used chemicals together.**

## PROCESS

PROCESS STEP	Temperature °C	Time 1 – 4 Film	Time 5 - 8 Film	Time 9 - 12 Film	Time 12 - 16 Film	Agitation
PRE HEAT	38.0	3'00"	3'00"	3'00"	3'00"	Warm Loaded Tank in Water Bath
DEVELOPER	38.0	3'15"	3'30"	3'45"	4'00"	Continuous for first 15", then 5" every 30"
BLEACH	32-38	45"	45"	45"	45"	Continuous for first 15", then 5" every 30"
FIXER	32 - 38	1'30"	1'30"	1'30"	1'30"	Continuous for first 15", then 5" every 30"
STABILISER	32 – 38	3'00"	3'00"	3'00"	3'00"	Continuous for first 15", then 5" every 30"

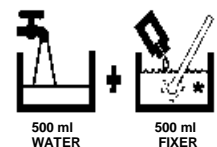
## MIXING INTRUCTIONS

Developer	Water	Concentrate
1 lt	900 ml	100 ml

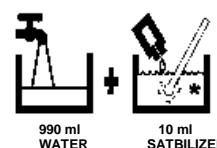

**= 1 litre**

Bleach	Ready to use
1 lt	

Fixer	Water	Concentrate
1 lt	500 ml	500 ml


**= 1 litre**

Stabiliser	Water	Concentrate
1 lt	990 ml	10 ml


**= 1 litre**

Wash every batch of film processed, with 1 or 2 litres of stabiliser, washing 3 or 4 time, changing the bath a couple of times for really clean films. Processing should take you under 15 mins from pouring developer to hanging films to dry in a clean dust free area!

#### C 41 COLOUR DEVELOPER



Potassium Carbonate; Potassium Hydroxide; 4-(N-Ethyl-N-2-hydroxyethyl)-2-methylphenylenediamine sulfate

**H301** – Toxic if swallowed.  
**H317** – May cause an allergic skin reaction.  
**H373** – May cause damage to organs through prolonged or repeated exposure >.  
**H400** – Very toxic to aquatic life.  
**H410** – Very toxic to aquatic life with long lasting effects.  
**H319** – Causes serious eye irritation.  
**H335** – May cause respiratory irritation.

#### C 41 BLEACH -RA



Trimethylenediaminetetraacetic Acid; Iron (III) Nitrate

**H315** – Causes skin irritation.  
**H318** – Causes serious eye damage.

#### C 41 FIXER-RA

Ammonium Bisulfite; Ammonium Thiocyanate

**EUH 032** – Contact with acids liberates very toxic gas.

#### C 41 STABILISER



1,2 benzoisothiazolin- 3- one

**H317** – May cause an allergic skin reaction.

*Nik & Trick*  
*Services Photographiques*

### Commonly asked questions

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|--|---|
| Q. The procedure shows no washes, is that correct?                           | A. Yes! This kit requires no water washes at all, in fact a water wash may have a detrimental affect.   |
| Q. What is the best way to prolong shelf life                                | A. Sealed dark bottles, the best being our vacuum sealed bottles.   |
| Q. The final wash confuses me  | A. Bellini have supplied a LOT of stabiliser with this kit. There is plenty to make up at least two baths. The more different stabiliser baths the cleaner the film. No more than 3 will be needed. |
| Q. When you say this is the best C41 kit out there do you really meant that? | A. Yes we do. In fact we are so impressed with Bellini products we now use them in our own darkroom and in our Minilab.   |