

## PRODUCT INFORMATION

### UNI FIX C-41/E-6 Fixer and Replenisher *FX-R*

UNI FIX C-41/E-6 is a universal Fixer concentrate, designed for Minilab processes C-41 RA and CN-16 L, as well as for Dip & Dunk machines and Continuous Machines (CF) in processes C-41 PRO and E-6.

UNI FIX C-41/E-6 2 x 3 L conc. REF 13351

C-41 RA: for 2 x 10 L

CN-16 L: for 2 x 4 L N3-R (FP 362 B, FP 562 B, FP 922)

CN-16 L: for 4 x 4 L N3-R (FP 232 B)

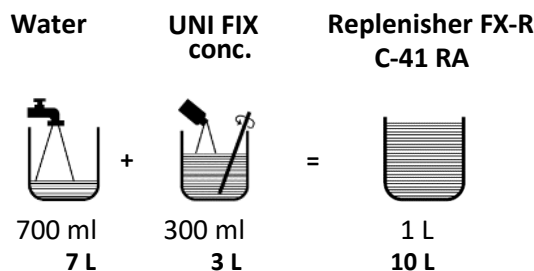
C-41 PRO: for 2 x 20 L

E-6: for 2 x 24 L

Depending on process and application, UNI FIX concentrate is diluted with water in different proportions for the preparation of Fixer replenisher, resp. working solution.

#### MIXING OF REPLENISHER

C-41 RA



Warm water favours quick and good mixing. Stir/mix for approx. 30 s.

#### MIXING OF WORKING SOLUTION

C-41 RA

Mixing of working solution is required when the working tanks of the processor are to be refilled, e.g. when installing a machine or after tank cleaning as part of maintenance.

**Working solution = Replenisher**

#### PROCESSING PARAMETERS

C-41 RA

|                       |                                |                                    |                      |
|-----------------------|--------------------------------|------------------------------------|----------------------|
| <b>Time:</b> 2 x 45 s | <b>Temperature:</b> 38°C ± 3°C | <b>Replenishment:</b> 33 ml/135-24 | 60 ml/film 120       |
|                       |                                | 30 ml/ meter film 135              | 68 ml/meter film 120 |

Tempered working solutions are subject to a continuous evaporation of water, for compensation add water daily to avoid an increase in concentration. If machines are not equipped with an automatic compensation system, water should be added manually. To do this, top up with water both fixer working tanks to overflow, before every start of work.

## MIXING OF REPLENISHER

C-41 PRO

| Water                                                                             | UNI FIX<br>conc.                                                                  | Replenisher FX-R<br>C-41 PRO                                                      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |
| 850 ml                                                                            | 150 ml                                                                            | 1 L                                                                               |
| 8,5 L                                                                             | 1,5 L                                                                             | 10 L                                                                              |
| 17 L                                                                              | 3 L                                                                               | 20 L                                                                              |

Warm water favours quick and good mixing. Stir/mix for approx. 30 s.

## MIXING OF WORKING SOLUTION

C-41 PRO

Mixing of working solution is required, when the working tank of the machine is to be refilled, e.g. when installing a machine or after tank cleaning as part of maintenance.

**Working solution = Replenisher**

## REPLENISHMENT RATES

C-41 PRO

|                            |                                                 |
|----------------------------|-------------------------------------------------|
| Dip & Dunk Machines:       | 66 ml/135-36 resp. 66 ml /120                   |
| Roller transport machines: | 900 ml/m <sup>2</sup>                           |
| Continuous machines (CF):  | 30 ml/meter film 135 resp. 62 ml/meter film 120 |

## TIME

C-41 PRO

4 min - 4 min 20 s

## TEMPERATURE

C-41 PRO

38°C ± 3 °C

Tempered working solution is subject to a continuous evaporation of water, for compensation add water daily to avoid an increase in concentration. To do this, top up with water the fixer working tank to the overflow, before every start of work.



## MIXING OF REPLENISHER N3-R

CN-16 L

| Water                                                                               | UNI FIX<br>conc.                                                                    | Replenisher<br>N3-R                                                                 |                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|
|  |  |  |                              |
| 1.0 L                                                                               | 3.0 L                                                                               | 4.0 L                                                                               | (FP 362 B, FP 562 B, FP 922) |
| 2.5 L                                                                               | 1.5 L                                                                               | 4.0 L                                                                               | (FP 232 B)                   |

Warm water favours quick and good mixing. Stir/mix for approx. 30 s.

## MIXING OF WORKING SOLUTION N3-1 & N3-2

CN-16 L

Water + UNI FIX conc. = Working solution



+



=



|        |        |       |          |
|--------|--------|-------|----------|
| 5.60 L | 3.00 L | 8.6 L | FP 232 B |
| 3.25 L | 1.75 L | 5.0 L | FP 362 B |
| 3.25 L | 1.75 L | 5.0 L | FP 562 B |
| 5.00 L | 2.70 L | 7.7 L | FP 922   |

### Working tanks N3-1 & N3-2:

FP 362 B: 2 x 5.0 L  
FP 562 B: 2 x 5.0 L  
FP 922: 2 x 7.7 L

### Working tank N3:

FP 232 B: 1 x 8.6 L

Warm water favours quick and good mixing. Stir/mix for approx. 30 s.

## TIME · TEMPERATURE N3 / N3-1 & N3-2

CN-16 L

**Temperature:** 38°C ± 3 °C      **Time:** 2 x 50 s (FP 362 B, FP 562 B, FP 922)      3:12 min. (FP 232 B)

Tempered working solution is subject to a continuous evaporation of water, for compensation add water daily to avoid an increase in concentration. To do this, top up with water the fixer working tank to the overflow, before every start of work.

## REPLENISHMENT RATES N3-R

CN-16 L

**FP 232 B:** 33 ml/135-24 resp. 63 ml/120

**FP 362 B:** 8 ml/135-24 resp. 17 ml/120

**FP 562 B:** 8 ml/135-24 resp. 17 ml/120

**FP 922:** 8 ml/135-24 resp. 17 ml/120



## MIXING OF REPLENISHER

E-6

Water + UNI FIX conc. = Replenisher FX-R E-6



+



=



|        |        |      |
|--------|--------|------|
| 875ml  | 125 ml | 1 L  |
| 8,75 L | 1,25 L | 10 L |
| 21 L   | 3 L    | 24 L |

Warm water favours quick and good mixing. Stir/mix for approx. 30 s.

## MIXING OF WORKING SOLUTION

E-6

Mixing of working solution is required when the working tank of the machine is to be refilled, e.g. when installing a machine or after tank cleaning as part of maintenance.

**Working solution = Replenisher**

## REPLENISHMENT RATES

E-6

Dip & Dunk machines: 55 ml/135-36 resp. 55 ml /120  
Roller transport machines: 1100 ml/m<sup>2</sup>

## TIME

E-6

4 min - 4 min 20 s

## TEMPERATURE

E-6

35-38°C

Tempered working solution is subject to a continuous evaporation of water, for compensation add water daily to avoid an increase in concentration. If machines are not equipped with an automatic compensation system, water should be added manually. To do this, before every start of work, top up the fixer working tank the water to overflow.



## OCCUPATIONAL SAFETY

Handling of photographic chemicals is safe, if used properly and protective measures are followed. Hazard and precautionary information can be found on the label (H and P phrases, hazard symbol) and in the safety data sheet. Personal protective equipment should include safety goggles or face shield, protective gloves and a lab coat or apron.

## STORAGE

Uni Fix concentrate should be stored dry, frost-proof and out of the reach of children. The maximum temperature range is between 5°C and 25°C. Storage temperatures between 10°C and 20°C are ideal.

## SHELF LIFE

Shelf life of Uni Fix concentrate, replenisher and freshly prepared working solution is literally unlimited.

## DISPOSAL

Photographic chemicals - concentrates or used baths - must not be discharged into the public sewerage system. These chemicals must be discarded by commercial waste treatment companies, who properly treat and dispose of in accordance with legal regulations. Further information can be found in the safety data sheet.