

Product information sheet 534-2

☒ This sheet may be circulated to customers

Overview of EnviroPrint FP Products

EnviroPrint FP Products

The EnviroPrint FP product line designed for RA4 “high speed” processors has been reviewed. Those products that remain are a reflection of today’s most popular products bought by end-users. This Product Information Sheet gives a summary of all remaining FP products together with the necessary mixing and usage instructions

The various pack sizes of EnviroPrint FP chemistry currently available are shown below

<i>Product name</i>	<i>Size</i>	<i>Cat N°</i>
EnviroPrint FP Products		
EnviroPrint FP Developer Replenisher MR	6 x 5L	994 186
EnviroPrint FP Developer Replenisher MR	4 x 10L	995 282
EnviroPrint FP Bleach-Fix Replenisher MR	4 x 5L	994 178
EnviroPrint FP Bleach-Fix Replenisher MR	2 x 10L	992 487
EnviroPrint FP Super Stabilizer & Replenisher	6 x 1L	994 228
EnviroPrint FP Super Stabilizer & Replenisher	2 x 25 x 5L	994 426
RA4 Quick Starter †	6 x 1L	961 904
EnviroPrint Bleach-Fix MP Starter AC ‡	6 x 500mL	992 420

Notes

- † RA4 Quick Starter is used with EnviroPrint FP Developer Replenisher MR for preparation of working tank solutions.
- ‡ EnviroPrint FP Bleach-Fix Starter AC is used with EnviroPrint FP Bleach-Fix Replenisher MR and EnviroPrint FP Bleach-Fix Replenisher HR for preparation of working tank solutions.

Mixing / Usage Instructions

As the Fast Process conditions do differ depending on the brand and type processor, it is important to select from the information tables below the correct mixing and usage instructions for the EnviroPrint FP products in use

Please note that there are two different methods for preparing bleach-fix working tank solutions. Option 1 uses EnviroPrint Bleach-Fix MP Starter AC to allow instant startup; Option 2 uses no starter but requires overnight recirculation before use.

EnviroPrint FP Developer MR mixing : 20-22 secs

EnviroPrint FP Developer MR

Concentrates : EP FP Developer MR **To make :** 10L

Process conditions **Time** **Temperature**
20 sec 40.0 ± 0.3°C

Mixing instructions : **Fresh Tank Solution** **Replenisher**
To make 1 L

	Fresh Tank Solution	Replenisher
Water	860 ml	800 ml
EP FP Developer MR	100 ml	200 ml
RA4 Quick Starter	40 ml	-

Specifications : **Fresh Tank Solution** **Replenisher**

	Fresh Tank Solution	Replenisher
Density @ 20°C	1.027 ± 0.003	1.037 ± 0.003
pH @ 25°C	10.35 ± 0.05	12.40 ± 0.05

Replenishment rate : 90 ml/m² (range 80-100 ml/m²)

EnviroPrint FP Developer MR mixing : 27 secs

EnviroPrint FP Developer MR

Concentrates : EP FP Developer MR **To make :** 10L

Process conditions **Time** **Temperature**
27 sec 39.5 ± 0.3°C

Mixing instructions : **Fresh Tank Solution** **Replenisher**
To make 1 L

	Fresh Tank Solution	Replenisher
Water	850 ml	800 ml
EP FP Developer MR	100 ml	200 ml
RA4 Quick Starter	50 ml	-

Specifications : **Fresh Tank Solution** **Replenisher**

	Fresh Tank Solution	Replenisher
Density @ 20°C	1.028 ± 0.003	1.037 ± 0.003
pH @ 25°C	10.25 ± 0.05	12.40 ± 0.05

Replenishment rate : 80 ml/m² (range 75-90 ml/m²)

EnviroPrint FP Developer MR mixing : 33 secs

EnviroPrint FP Developer MR

Concentrates : EP FP Developer MR **To make :** 10L

Process conditions **Time** **Temperature**
33 sec 39.0 ± 0.3°C

Mixing instructions : **Fresh Tank Solution** **Replenisher**
To make 1 L

	Fresh Tank Solution	Replenisher
Water	840 ml	800 ml
EP FP Developer MR	100 ml	200 ml
RA4 Quick Starter †	60 ml	-

Specifications : **Fresh Tank Solution** **Replenisher**

	Fresh Tank Solution	Replenisher
Density @ 20°C	1.029 ± 0.003	1.037 ± 0.003
pH @ 25°C	10.10 ± 0.05	12.40 ± 0.05

Replenishment rate : 75 ml/m² (range 70-80 ml/m²)

EnviroPrint FP Bleach-Fix Replenisher MR mixing

EnviroPrint FP Bleach-Fix Replenisher MR,
Option 1 – with starter

Concentrates : EnviroPrint FP Bleach-Fix MR **To make :** 1 litre

Process conditions **Time** **Temperature**
20-33 sec 38.0 ± 2°C

Mixing instructions : **Fresh Tank Solution** **Replenisher**
To make 1 L

	Fresh Tank Solution	Replenisher
Water	705 ml	500 ml
EP FP Bleach-Fix MR	275 ml	500 ml
EP Bleach-Fix MP Starter AC	20 ml	-

Specifications : **Fresh Tank Solution** **Replenisher**

	Fresh Tank Solution	Replenisher
Density @ 20°C	1.077 ± 0.005	1.135 ± 0.005
pH @ 25°C	6.00 ± 0.30	5.70 ± 0.30

Replenishment rate : 70 - 100 ml/m² (33 – 20 sec)

EnviroPrint FP Bleach-Fix Replenisher MR **mixing**

EnviroPrint FP Bleach-Fix Replenisher MR,
Option 2 – no starter

Concentrates : EnviroPrint FP Bleach-Fix MR **To make :** 1 litre

Process conditions	Time	Temperature
	20-33 sec	38.0 ± 2°C

Mixing instructions : To make 1 L	Fresh Tank Solution	Replenisher
---	----------------------------	--------------------

Water	670 ml	500 ml
EP FP Bleach-Fix MR	330 ml	500 ml

Specifications :	Fresh Tank Solution	Replenisher
-------------------------	----------------------------	--------------------

Density @ 20°C	1.090 ± 0.005	1.135 ± 0.005
pH @ 25°C	5.80 ± 0.30	5.70 ± 0.30

Replenishment rate : 70 - 100 ml/m² (33 – 20 sec)

EnviroPrint FP Stabilizer **mixing**

EnviroPrint FP Super Stabilizer

Concentrates : EnviroPrint FP Bleach-Fix HR **To make :** 1 litre

Process conditions	Time	Temperature
	20-33 sec	38.0 ± 2°C

Mixing instructions : To make 1 L	Fresh Tank Solution	Replenisher
---	----------------------------	--------------------

Water	992 ml	992 ml
EP FP Super Stabilizer	8 ml	8 ml

Specifications :	Fresh Tank Solution	Replenisher
-------------------------	----------------------------	--------------------

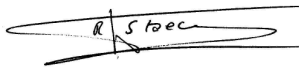
Density @ 20°C	0.998 – 1.002	0.998 – 1.002
pH @ 25°C	No specification	No specification

Replenishment rate : 200 - 400 ml/m² (90 – 50 sec)

The wide variety of "fast" processing equipment as well as the different paper brands on the market makes it difficult to standardise the process parameters. The table above shows recommended replenishment rates and processing temperatures. As with other chemistries, differences between paper brands and processing equipment may mean that you need to fine-tune your process. For more information please contact your FUJIFILM representative or consult the FUJIFILM Europe Minilab Chemical Guide.

Your local FUJIFILM Europe representative can also give technical advice if required.

FUJIFILM Europe NV



Rudy Staes
Manager Color Photochemical Products Europe
rudy_staes@fujifilm.eu