

# Finishing

## Process RA-4 Finishingproducts

Beside the standard RA-4 developer with a replenishment rate of 160 ml/m<sup>2</sup>, which is offered as a 2-part version for a 2 x 50 l mix and as a 3-part version for 2 x 50 l replenisher, Tetenal offers to whole sale finishers a Super Low Rate developer replenisher which comes as a 2-part version. Three single part replenishers for replenishment rates of 108, 80, and 60 ml/m<sup>2</sup> are available.

Additionally we have the regenerator concentrates to mix the replenisher from the processor overflow.

For the Bleach Fix there are replenishers with replenishment rates of 215, 100 and 54 ml/m<sup>2</sup>. There is one single part Bleach Fix for a replenishment rate of 108 ml/m<sup>2</sup> and one with a variable replenishment rate from 54 to 215 ml/m<sup>2</sup>. Each replenishment rate corresponds to its own dilution. Also a Bleach Fix regenerator is available to prepare the replenisher from electrolytically desilvered BX overflow.

The Super Stabilizer may be used as a substitute for the final wash. The replenishment rate depends on the number of tanks in the stabilizer cascade.

The processing chemicals for processing in separated Bleach and Fix are also available. Please ask for our offer.

### Code / Abbreviation

<b>CD</b>	Color Developer	<b>BX</b>	Bleach Fix
<b>CD-R</b>	Color Developer Replenisher	<b>BX-R</b>	Bleach Fix Replenisher
<b>CD-RCY</b>	Color Developer Regenerator	<b>BX-RCY</b>	Bleach Fix Regenerator
<b>CD-S</b>	Color Developer Starter	<b>BX-S</b>	Bleach Fix Starter
<b>SP</b>	Single Part Product		
<b>SP 80</b>	Single Part Product, Repl. rate 80 ml/m <sup>2</sup>	<b>Stab</b>	Stabilizer
<b>MR</b>	Medium Rate, reduced Repl. rate	<b>-WL</b>	Washless Processing
<b>LR</b>	Low Rate, low Repl. rate		
<b>SLR</b>	Super Low Rate, very low Repl. rate		

### Standard process

	Code	Time [sec]	Temp. [°C]	Rep.-rate [ml/m <sup>2</sup> ]	Time [sec] Display-Material	Rep.-rate [ml/m <sup>2</sup> ]
Color Developer	CD-R	45	35	160	110 - 150	380
	CD-RT	45	35	215	110 - 150	495 - 860
	CD-SLR	45	37	70	*	
Bleach Fix	BX-R	45	30 - 36	215	110 - 150	495
	BX-MR	45	30 - 36	100	*	
	BX-LR	45	30 - 36	55	*	
Wash Super Stabilizer	W	90	30 - 40	2000**	220 - 300	
	STAB-WL	4 x 22,5	30 - 35	250	*	
		3 x 30	31 - 35	350	*	

\* not recommended for display materials

\*\* depends on processor type

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### RA-4 Color Developer Replenisher

**RA-4 CD-R** Parts: 3, Time: 45 sec, Temp.: 38°C, Repl.rate 160 ml/m<sup>2</sup>

Art. No.			for	content
102260	RA-4 CD-R	Kit	100 l	5 l; 2,5 l; 5 l
103700	RA-4 CD-R	Part 1	4000 l	200 l
103701	RA-4 CD-R	Part 2	8000 l	200 l
103702	RA-4 CD-R	Part 3	4000 l	200 l

**RA-4 CD-R prof.** Parts: 2, Time: 45 sec, Temp.: 35°C, Repl.rate 160 ml/m<sup>2</sup>

Art. No.			for	content
102265	RA-4 CD-R	Kit	2 x 50 l	2x3 l; 2x3 l

**RA-4 CD-RT prof.** Parts: 3, Time: 45 sec, Temp.: 35°C, Repl.rate 215 ml/m<sup>2</sup>

Art. No.			for	content
102018	RA-4 CD-RT	Kit	2 x 50 l	2x2,5 l; 2x1,25 l; 2x2,5 l

### RA-4 Color Developer Replenisher SLR

**RA-4 CD-SLR** Parts: 2, Time: 45 sec, Temp.: 37°C, Repl.rate 70 ml/m<sup>2</sup>

Art. No.			for	content
102675	RA-4 CD-SLR	Kit	100 l	5 l; 5 l
102695	RA-4 CD-SLR	Part 1	400 l	20 l
102696	RA-4 CD-SLR	Part 2	400 l	20 l
102693	RA-4 CD-SLR	Part 1	1200 l	60 l
102694	RA-4 CD-SLR	Part 2	1200 l	60 l
102691	RA-4 CD-SLR	Part 1	4000 l	200 l
102692	RA-4 CD-SLR	Part 2	4000 l	200 l

### RA-4 Color Developer Replenisher monoline

**RA-4 CD-R SP 108** Parts: 1, Time: 45 sec, Temp.: 38°C, Repl.rate 108 ml/m<sup>2</sup>

Art. No.			for	content
104434	RA-4 CD-R SP 108		100 l	10 l
104436	RA-4 CD-R SP 108		600 l	60 l

**RA-4 CD-R SP 80** Parts: 1, Time: 45 sec, Temp.: 38°C, Repl.rate 80 ml/m<sup>2</sup>

102592	RA-4 CD-R SP 80		100 l	10 l
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**RA-4 CD-R SP 60** Parts: 1, Time: 45 sec, Temp.: 38°C, Repl.rate 60 ml/m<sup>2</sup>

102571	RA-4 CD-R SP 60		400 l	60 l
102573	RA-4 CD-R SP 60		1333 l	200 l



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### RA-4 Color Developer Regenerator

RA-4 CD-RCY Parts: 3, Time: 45 sec, Temp.: 38°C, Repl.rate 160 ml/m<sup>2</sup>

Art. No.			for	content
103063	RA-4 CD-RCY	Part 1	2.105 l	20 l
823842	CD-3 Lösung 50 %	Part 2	4.545 l	30 kg
103064	RA-4 CD-RCY	Part 3	909 l	20 l
102400	RA-4 CD-RCY	Part 1	6.316 l	60 l
102402	RA-4 CD-RCY	Part 3	2.727 l	60 l
102555	RA-4 CD-RCY	Part 1	21.053 l	200 l
823841	CD-3 Lösung 50 %	Part 2	34.909 l	230 kg
102557	RA-4 CD-RCY	Part 3	9.091 l	200 l
103438	RA-4 CD-RCY	Part 1	67.368 l	640 l
103440	RA-4 CD-RCY	Part 3	29.091 l	640 l

### RA-4 Color Developer Starter

RA-4 CD-S

Art. No.				content
103354	Starter for all RA-4 Color Developers			1,5 l
Mix	water	replenisher	Starter	
RA-4 CD-R	275 ml	700 ml	25 ml	
RA-4 CD-SLR	550 ml	400 ml	50 ml	
RA-4 CD-SP 108	460 ml	500 ml	40 ml	
RA-4 CD-SP 80	455 ml	500 ml	45 ml	

### RA-4 Bleach Fix Replenisher

RA-4 BX-R Parts: 2, Time: 45 sec, Temp.: 30-36°C, Repl.rate 215 ml/m<sup>2</sup>

Art. No.			for	content
105459	RA-4 BX-R	Part 1	100 l	20 l
105460	RA-4 BX-R	Part 2	100 l	10 l
103035	RA-4 BX-R	Part 1	300 l	60 l
103036	RA-4 BX-R	Part 2	300 l	30 l
103218	RA-4 BX-R	Part 1	1.000 l	200 l
103219	RA-4 BX-R	Part 2	1.000 l	200 l

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### RA-4 Bleach Fix Replenisher MR

**RA-4 BX-MR** Parts: 2, Time: 45 sec, Temp.: 33-38°C, Repl.rate 100 ml/m<sup>2</sup>

Art. No.			for	content
102056	RA-4 BX-MR	Part 1	100 l	10 l
102058	RA-4 BX-MR	Part 2	100 l	20 l
102357	RA-4 BX-MR	Part 1	600 l	60 l
102358	RA-4 BX-MR	Part 2	300 l	60 l
103247	RA-4 BX-MR	Part 1	2.000 l	200 l
103248	RA-4 BX-MR	Part 2	1.000 l	200 l



### RA-4 Bleach Fix Replenisher LR

**RA-4 BX-LR** Parts: 2, Time: 45 sec, Temp.: 33-38°C, Repl.rate 54 ml/m<sup>2</sup>

Art. No.			for	content
102610	RA-4 BX-LR	Part 1	50 l	10 l
102611	RA-4 BX-LR	Part 2	50 l	10 l
102612	RA-4 BX-LR	Part 1	300 l	60 l
102613	RA-4 BX-LR	Part 2	300 l	60 l



### RA-4 Bleach Fix Replenisher Single Part

**RA-4 BX-VR** Time: 45 sec, Temp.: 33-38°C, Repl.rate 54-215 ml/m<sup>2</sup>

Art. No.			for	content
102059	RA-4 BX-VR		4x4-10 l	4x2 l

### RA-4 Bleach Fix Regenerator

**RA-4 BX-RCY** Parts: 2 + 1, Time: 45 sec, Temp.: 33-38°C, Repl.rate 225 ml/m<sup>2</sup>

Art. No.			for	content
103500	RA-4 BX-RCY	Part 1	2.400 l	60 l
103502	RA-4 BX-RCY	Part 2	6.000 l	60 l
834811	Ammoniumbisulfite Sol. 70 %		6.000 l	82 kg
103504	RA-4 BX-RCY	Part 1	8.000 l	200 l
103506	RA-4 BX-RCY	Part 2	20.000 l	200 l
834891	Ammoniumbisulfite Sol. 70 %		20.000 l	260 kg



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### RA-4 Bleach Fix Starter

Art. No.		for	content
103333	Starter for RA-4 Bleach Fix LR	67 l	1 l
103335	Starter for RA-4 Bleach Fix SP	20 l	1 l
RA-4 BX-R:	no starter required		
RA-4 BX-MR:	no starter required		

### RA-4 Super Stabilizer and Replenisher

**RA-4 Stab-WL** Parts: 1, Time: 90 sec, Temp.: 30-40°C, Repl.rate 225 ml/m<sup>2</sup>

Art. No.		for	content
104200	RA-4 Stab-WL	400 l	4 l
104460	RA-4 Stab-WL	1.000 l	10 l
104632	RA-4 Stab-WL	6.000 l	60 l

### Additives, Control Strips

Art. No.		for	content
102951	Additiv CD Long Life	200 l	1 l
48982746	Kodak RA-4 Control Strips 8,9 x 30,5 cm		25 Strips



RA-4 Stab-WL Stabilizer and Replenisher, 4 l  
Art. No. 104200

Starter for RA-4 Bleach Fix LR, 1 l  
Art. No. 103333

Additiv CD Long Life, 1 l dosing bottle with measuring cap  
Art. No. 102951