

Developer and Replenisher Rapid Access RA 20

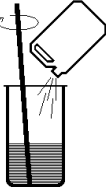
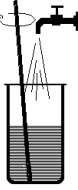

RA 20 is a liquid concentrate Rapid Access Developer and Replenisher for automatic processing of Graphic (prepress) Films and Papers, for example daylight and darkroom camera films, contact films, scanner films, photo print films and papers. Depending on film system and processor type, RA 20 has a wide range in dilution up to 1 + 3.

Assortment

Order-No. 11142 RA 20 10 l conc. (1 part)

Traditional (Standard) Line Process

Mix instruction of developer and replenisher:

concentrate	water	to make ... developer or replenisher
10 Litres	30 Litres	40 Litres
		

Processing conditions

In RA processors: Time : appr. 20 to 35 sec. - Temperature.: > 30 °C.
For exact developer temperature, processing time and replenishment rate values see data sheets of film suppliers.

Replenishment

To reach constant processing results, regular replenishment is necessary. Replenishment rates depend on daily film turnover and film (black) density, that has to be obtained. See hints, as follows:

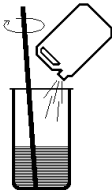
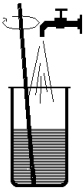
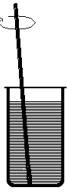
deep tank processor type: 200 to 300 mls per m²
plain (flat) tank processor type: 400 to 600 mls per m²

To obtain full activity, replenisher solution has to be freshly mixed as often as possible, at minimum once per week and to be stored closed to prevent from air oxidation.

Developer and Replenisher Rapid Access RA 20

Processing of Film Systems similar to Type: Kodak 2000, Fuji HQ, Typon Quattro

Mix instruction for developer and replenisher:

concentrate	water	to make ... developer or replenisher
10 Litres	20 Litres	30 Litres
		

Starting points for optimum results in deep tank type processors:

processing temperature (in °C)	24	27	30
processing time (dry to dry) (in sec.)	120	105	90

Starting point for optimum results and replenishing in Rapid Access type processors:

processing temperature (in °C)	35
processing time (dry to dry) (in sec.)	30 to 35

Additional processing conditions:

fixer temperature: appr. 30 to 33 °C
 wash: appr. 2 Liters of water per minute
 dryer temperature: 40 to 50 °C

Developer and Replenisher Rapid Access RA 20

Replenishment, depending on tank turnover

tank turnover per week	basic replenishment rate (in mls/m ²) at film (black) density of ...		
	20 %	50 %	80 %
less than 1 x	310	465	930
more than 1 x	190	280	560

Hint : In case of deep tank type processors (with for example 50 Litres tank volume and more), the above mentioned values are obtained at 1 tank turnover at 2 weeks.

Storage and Handling

Concentrates have to be kept before mixing in the closed original package and stored at room temperatures (between 10 and 25 °C, if possible).

It is recommended to wear protective gloves, when handling and working with concentrates and solutions.

Note the governmental regulations and laws, when disposing used chemicals.

For further information, please contact the manufacturer.