

Separol HE (high energy)

Developer for neutral to cold black tones.
Powder with starter solution + 50ml stabilising solution
For one litre of stock or 8-15 litres of working solution

SEPAROL

A new product range, produced as a powder mixture, completely free of Hydroquinone and caustic alkalis with a reduced sulphite amount.
These developers are not being considered as dangerous for the environment according to the latest EU-Guidelines.

Due to its main developer substance, a derivative of Ascorbic acid a danger for health is unexpected. Separol developers are suitable for all photographic papers available. By the use of Separol NE, Soft and HE, the picture tone can be varied by adding one of the supplied "Picture tone stabilizers" within the limits of the used paper. The picture tone stays brownish-black if the stabilizer is not used. We would suggest adding at least 10ml of the stabilizer; best results with colder tones are obtained if 20-30ml are added.

Two tray development or fine adjustment through combining of NE, WA, HE with „Soft“ is possible. At two tray development, pre-developing should take place in NE, HE or WA until the average tones are satisfying, followed by highlights, appearing then in the second tray (Soft 1+5 up to 1+8)

MIXING

By preparing the stock solution, chemicals has to be dissolved in approx. 850 ml of water between 20-40°C after adding the starter. Finally add Finisher Blue and fill up to 1 litre.
Stock solution keeps well for at least six months if kept in whole filled bottles.

FINISHER BLUE

If desired, a mixture of tone enhancing stabilizers and anti fogging preparations can be added to the stock.

The addition of the whole bottle content or partial amounts into the stock becomes easier once the desired picture tone is determined. We would suggest adding at least 10ml. For cold-black tones on warm tone papers like SELECT, FORTE, BERGGER the whole amount of 50ml can be used. In this case exposure has to be increased by 50-80%. Development takes then 3:30 up to 4 minutes by a dilution of 1+9.

DILUTION

The stock has to be diluted 1+5 up to 1+10 with water. The working solution stays well for a few weeks.

Capacity: 1 litre working solution for 50 sheets of paper at 24x30 size.

Developing times: 2:30 – 4 minutes at 20°C depending on the used brand, dilution and the amount of finisher.