

Nik & Trick's Dichotomic DIY Developer

Makes 2x One Litre of Parts A & B

Firstly, a little word on safety. We don't need to tell you to use common sense when handling chemicals do we?

Although there are common household products and even some cosmetic that contain far more nasty combinations of ingredients, because you are handling dry chemicals, gloves are advisable as is an well ventilated area away from food, children, pets and distractions!

More safety information overleaf or by request from us about the components of this developer...none of which you'd eat or drink, none of which you'd want to breathe in or have in your eyes...if you do get any in your eyes then rinse immediately in clean running water and just seek some medical advice just in case.

Now that you've read the above safety advice, let's get stuck in!

Mixing Instructions:

Solution A is made up in two parts then mixed together as follows:

Solution A1 - in 750ml of water at 43C...completely dissolve the components strictly in this order:

- Add Packet A1-a, when fully dissolved mix in Packet A1-b
- Once all is dissolved add water to make up to the full 1000ml

Solution A2 - In 700ml of water at 43C...completely dissolve the components strictly in this order:

- From packet A2-a weigh out 7.5g and dissolve it (about a teaspoon)
- Dissolve Packet A2-b in 50ml of water at 43C then add to the above, filter if necessary.
- After that has all dissolved, add the rest of Packet A2-a until that too has dissolved then make up to the full 1000ml with warm water.

At this point you should mix the two solutions together before separating out into 2x one little bottles labelling them clearly as Part A....see over for more storage information

Solution B ~ In 1750ml of water at no more than 40C dissolve the entire contents of Packet B1

- Then Add and completely dissolve Packet B2 followed by Packet B3
- Add water to make up to the full 2000ml then separate out into 2x one little bottles and label clearly.

Now you're ready to roll!

Finest Quality Ingredients by:

Bellinifoto
Photographic Chemicals

Nik & Trick
Services Photographiques
www.NTphotoworks.com

Developing:

Firstly, have no concerns that neither part is totally clear, a bit cloudy, don't worry about that. They will also probably gather a little sediment and change colour....give both parts a good shake before use though and filter if you really feel you need to!

- Develop in Part A for 4 min using constant agitation for the first 30 sec, then 5 seconds or a couple of inversions each 30 seconds
- Drain as thoroughly* as possible but don't wash. Save the solution for re-se in its storage bottle.
- Develop in Part B for 8 min** using the same agitation procedure.

As before, drain thoroughly back into its bottle for re-use.

Stop or Water rinse as per usual then fix as per usual before thoroughly washing in running water followed by a dunk your preferred Wetting agent before drying.

Some notes:

*It is very advisable to Drain out as much of Part A as possible when its time is up...you see, should you carry too much over into Part B your negatives may become grainier.

**The recommended time in Part B is actually from 2 to 6 minutes...density will continue to build for up to 8 minutes with this formula, which should allow for maximum shadow detail without excessive blocking of the highlights.

Suggested Replenishment regime:

Replenishing Part A is easy! As soon as the level becomes too low, simply bring the working solution back to its original volume with some solution from the litre you set aside when mixing.

Eventually your negatives will show more and more grain, which will indicate to you when Part B is becoming depleted and requires replenishment/renewing.

This is achieved by discarding half of the Part B solution and refilling to the original level from the lite you set aside when mixing, this will extend its life span but is of course best just to discard the depleted solution and starting with the full fresh batch.

Storage:

Clearly label every bottle you use! We think it would be advisable to store at least the second half of each solution in vacuum sealed bottles for extra longevity.

Both Parts A & B will oxidise over time, that's quite natural. They will turn brown, appear muddy and might even form a precipitate...but don't fret, as stated above it's normal and you can filter if you need to!

This shouldn't have any impact on development as long as both solutions are stirred up before using them, you can even filter them if you like but if the films to be processed are vital it might be advisable to use fresh developer or to mix new batches at that point.

Finally, since this is pretty much an untried product, give us as much feedback as you can...variations to development times and longevity especially.

Safety Data Sheets for each of the following raw chemicals that are packaged for use in the making of this product are readily available on our website NTphotowokrs.com and also upon direct request:

Hydroquinone	Metol	Sodium Sulfite Anh.	Sodium Carbonate
Potassium Carbonate	Potassium Bromide	Borax	