

DATA SHEET



Speed Photography  
+  
Ultrahigh Resolution

SPUR – Schmiedestr. 31 - D-52379 Langerwehe

**Attention: New developing chart**

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## Data Sheet SPUR SD 2525

**SPUR SD 2525** is a 2-component developer that is primarily geared to give great contrast detail and utmost acutance. At the same time, a fineness of grain is attained that has long been deemed impossible at this sharpness. **SPUR SD 2525** consists of Part A and Part B from which the working solution is compounded according to the dilution prescribed in the chart on the next page. It is, thus, **not** a two-bath developer but a 2-component developer.

**The properties of SPUR SD 2525 are:**

- 1.) **Very high sharpness, exceptionally great contrast detail.**
- 2.) A **very high fineness of grain** (almost like SPUR HRX) that is usually not within reach at this sharpness.
- 3.) An enormous utilization of the film speed, which is unusual for this fineness of grain.
- 4.) An extraordinary picture plasticity.
- 5.) An extraordinarily long shelf life of the concentrates, which is due to the 2-component conception.
- 6.) **High exposure latitude and best tonal values.**

### Tips for a better shelf life:

When kept in an unopened original bottle, Part A has a shelf life of some 2.5 to 3 years. Developers should be stored in a relatively cool place not cooler than 10° to 12° C (50 to 53.6° F), since a cooler storage increases the risk of precipitation.

Part B does not contain any developer substances and has, thus, an almost unlimited shelf life. For Part B no specific provisions have to be made.

**SPUR SD 2525** comes in gas-tight PET-bottles. The use of protective gas in opened bottles will help increase the shelf life of the opened developer.

## Developing Chart SPUR SD 2525

The values given in the chart refer to a development temperature of 20° C (68° F) and to the development of a normal contrast.

**The necessary inversion tact is: permanently for the first 30 seconds, after that once every 60 seconds. For some soft films (red in the chart): after that twice every 60 seconds.** For an ideal exposure **do not** apply the ISO values as provided by the film manufacturers but those given in the chart.

When condenser enlargers are used the development time should be reduced by 10 to 15 %.

The dilution given in the chart is the overall dilution for Part A and B. Here's an example: 500 ml working solution at an overall dilution of 1 + 20: 500 : 21 = 24 ml developer concentrate. That would be 12 ml Part A + 12 ml Part B for 500 ml working solution.

Manufacturer/Film	Film Speed ISO	Overall Dilution	Developing Time (min)
ADOX CHS 100 II	125/22°	1 + 17	13
ADOX Silvermax	80/20°	1 + 17	13
Agfaphoto APX 100 New	100/21°	1 + 20	11
Agfaphoto APX 400 New	400/27°	1 + 11	14
Bergger BRF 400 plus	400/27°	1 + 11	14
Fomapan 100	100/21°	1 + 20	12
Fomapan 200	100/21°	1 + 17	12
Fomapan 400	200/24°	1 + 14	12
Fuji Acros 100	80/20°	1 + 17	11
Fuji Neopan 400	400/27°	1 + 12	11,5
Ilford Delta 100	100/21°	1 + 20	10
Ilford Delta 400	400/27°	1 + 14	14
Ilford Delta 3200	1000/31°	1 + 7	14
Ilford Pan F +	25/15°	1 + 24	10
Ilford FP4 +	100/21°	1 + 20	10
Ilford HP5 +	400/27°	1 + 17	13
Ilford SFX 200	80/20°	1 + 17	12
Kentmere 100	100/21°	1 + 20	11
Kentmere 400	400/27°	1 + 11	14
Kodak Tmax 100	100/21°	1 + 13	11
Kodak Tmax 400	320/26°	1 + 13	13
Kodak Tri X 400	320/26°	1 + 11	13
ORWO UN 54	125/22°	1 + 17	11
Rollei RPX 25	25/15°	1 + 17	8,5
Rollei RPX 100	100/21°	1 + 20	11
Rollei RPX 400	400/27°	1 + 9	13
Rollei Superpan 200	80/20°	1 + 14	12
Rollei Retro 80 S	25/15°	1 + 17	8,5
Rollei Retro 400 S	80/20°	1 + 14	12
Rollei IR 400 S	80/20°	1 + 14	12