

# Iford Delta-100 - 18 à 24 °C

*NOTE : Les temps sont curieusement donnés différents pour l'ID-11 et le D-76 dans la notice du film Delta 100 par Iford. Suggestion : utiliser pour les deux révélateurs le temps de l'ID-11 ?*

## Iford Delta-100 à EI 25/15°

*NOTE : En cas de sur-exposition ; proposé mais déconseillé par Iford.*

| ILFORD | Perceptol pur |
|--------|---------------|
| 18 °C  | 10.15         |
| 20 °C  | 09.00         |
| 21 °C  | 08.30         |
| 22 °C  | 08.00         |
| 24 °C  | 07.15         |

## Iford Delta-100 à EI 50/18°

| ADOX  | Adonal 1+25 | Adonal 1+50 |
|-------|-------------|-------------|
| 18 °C | 08.00       | 11.30       |
| 20 °C | 07.00       | 10.00       |
| 21 °C | 06.45       | 09.30       |
| 22 °C | 06.15       | 09.00       |
| 24 °C | 05.45       | 08.00       |

| AGFA  | Rodinal 1+25 | Rodinal 1+50 |
|-------|--------------|--------------|
| 18 °C | 08.00        | 11.30        |
| 20 °C | 07.00        | 10.00        |
| 21 °C | 06.45        | 09.30        |
| 22 °C | 06.15        | 09.00        |
| 24 °C | 05.45        | 08.00        |

| ARS-IMAGO | FD 1+59 |
|-----------|---------|
| 18 °C     | -       |
| 20 °C     | 04.30   |
| 21 °C     | -       |
| 22 °C     | -       |
| 24 °C     | -       |

| CLAYTON | F60 1+9 | F76 plus 1+9 | F76 plus 1+14 |
|---------|---------|--------------|---------------|
| 18 °C   | 07.00   | 06.15        | 07.00         |
| 20 °C   | 06.00   | 05.30        | 06.00         |
| 21 °C   | 05.45   | 05.15        | 05.45         |
| 22 °C   | 05.30   | 05.00        | 05.30         |
| 24 °C   | 05.00   | 04.30        | 05.00         |

| FOMA  | R09 New 1+25 | R09 New 1+50 |
|-------|--------------|--------------|
| 18 °C | 08.00        | 11.30        |
| 20 °C | 07.00        | 10.00        |
| 21 °C | 06.45        | 09.30        |
| 22 °C | 06.15        | 09.00        |
| 24 °C | 05.45        | 08.00        |

| ILFORD | ID-11 pur | ID-11 1+1 | ID-11 1+3 | Perceptol pur | Perceptol 1+1 | Perceptol 1+3 | Ifotec LC29 1+19 | Ifotec LC29 1+29 | Ifotec DDX 1+4 | Ifotec HC 1+31 | Ifosol-S 1+9 |
|--------|-----------|-----------|-----------|---------------|---------------|---------------|------------------|------------------|----------------|----------------|--------------|
| 18 °C  | 08.00     | 11.30     | 17.00     | 13.45         | 14.45         | 18.15         | 05.45            | 06.15            | 10.45          | 05.45          | 05.15        |
| 20 °C  | 07.00     | 10.00     | 15.00     | 12.00         | 13.00         | 16.00         | 05.00            | 05.30            | 09.30          | 05.00          | 04.30        |
| 21 °C  | 06.45     | 09.30     | 14.15     | 11.30         | 12.15         | 15.15         | 04.45            | 05.15            | 09.00          | 04.45          | 04.15        |
| 22 °C  | 06.15     | 09.00     | 13.15     | 10.45         | 11.30         | 14.15         | 04.30            | 05.00            | 08.30          | 04.30          | 04.00        |
| 24 °C  | 05.45     | 08.00     | 12.00     | 09.45         | 10.30         | 13.00         | 04.00            | 04.30            | 07.45          | 04.00          | 03.45        |

|         |               |
|---------|---------------|
| (suite) | Ifosol-S 1+14 |
| 18 °C   | 07.30         |
| 20 °C   | 06.30         |
| 21 °C   | 06.15         |
| 22 °C   | 05.45         |
| 24 °C   | 05.15         |

| KODAK | D-76 pur | D-76 1+1 | D-76 1+3 | TMAX-dev 1+4 | Microdol-X | Microdol-X 1+3 | HC-110 (B) 1+31 | XTOL  |
|-------|----------|----------|----------|--------------|------------|----------------|-----------------|-------|
| 18 °C | 08.00    | 10.45    | 16.00    | 07.00        | 13.45      | 18.15          | 05.45           | 07.30 |
| 20 °C | 07.00    | 09.30    | 14.00    | 06.00        | 12.00      | 16.00          | 05.00           | 06.30 |
| 21 °C | 06.45    | 09.00    | 13.15    | 05.45        | 11.30      | 15.15          | 04.45           | 06.15 |
| 22 °C | 06.15    | 08.30    | 12.30    | 05.30        | 10.45      | 14.15          | 04.30           | 05.45 |
| 24 °C | 05.45    | 07.45    | 11.15    | 05.00        | 09.45      | 13.00          | 04.00           | 05.15 |

|        |         |
|--------|---------|
| ROLLEI | RLS 1+4 |
| 18 °C  | -       |
| 20 °C  | -       |
| 21 °C  | -       |
| 22 °C  | -       |
| 24 °C  | 12.00   |

|       |               |
|-------|---------------|
| SPUR  | Acurol-N 1+70 |
| 18 °C | 11.30         |
| 20 °C | 10.00         |
| 21 °C | 09.30         |
| 22 °C | 09.00         |
| 24 °C | 08.00         |

|          |                 |
|----------|-----------------|
| SPURSINN | SAM classic 1+9 |
| 18 °C    | 07.15           |
| 20 °C    | 06.00           |
| 21 °C    | 05.30           |
| 22 °C    | 05.00           |
| 24 °C    | -               |

**Iford Delta-100 à EI 64/19°**

| <b>BERGGER</b>  | PMK<br>1+2+100     |                  |
|-----------------|--------------------|------------------|
| 18 °C           | -                  |                  |
| 20 °C           | 13.45              |                  |
| 21 °C           | 13.00              |                  |
| 22 °C           | 12.15              |                  |
| 24 °C           | 10.00              |                  |
| <b>MOERSCH</b>  | Finol<br>1+1+100   | Tanol<br>1+1+100 |
| 18 °C           | 18.00              | 13.45            |
| 20 °C           | 15.00              | 11.15            |
| 21 °C           | 14.00              | 10.15            |
| 22 °C           | 12.30              | 09.15            |
| 24 °C           | 10.00              | 07.30            |
| <b>SPUR</b>     | AcuroI-N<br>1+100  |                  |
| 18 °C           | -                  |                  |
| 20 °C           | -                  |                  |
| 21 °C           | -                  |                  |
| 22 °C           | -                  |                  |
| 24 °C           | 20.00              |                  |
| <b>SPURSINN</b> | SAM classic<br>1+9 |                  |
| 18 °C           | 08.30              |                  |
| 20 °C           | 06.45              |                  |
| 21 °C           | 06.15              |                  |
| 22 °C           | 05.30              |                  |
| 24 °C           | -                  |                  |

**Iford Delta-100 à EI 80/20°**

| <b>MOERSCH</b> | Tanol Speed<br>1+1+100 |             |
|----------------|------------------------|-------------|
| 18 °C          | 12.45                  |             |
| 20 °C          | 10.30                  |             |
| 21 °C          | 09.45                  |             |
| 22 °C          | 08.45                  |             |
| 24 °C          | 07.00                  |             |
| <b>SPUR</b>    | HRX<br>1+20            | UFP<br>1+30 |
| 18 °C          | 10.00                  | 09.15       |
| 20 °C          | 08.45                  | 08.00       |
| 21 °C          | 08.15                  | 07.45       |
| 22 °C          | 07.45                  | 07.15       |
| 24 °C          | 07.00                  | 06.30       |

**Iford Delta-100 à EI 100/21°**

| <b>ADOX</b> | Adonal<br>1+25 | Adonal<br>1+50 | ADX-II<br>1+24 | Silvermax<br>1+30 | FX-39<br>1+9 |
|-------------|----------------|----------------|----------------|-------------------|--------------|
| 18 °C       | 10.15          | 16.00          | 07.30          | 09.15             | 08.45        |

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 20 °C | 09.00 | 14.00 | 06.30 | 08.00 | 07.00 |
| 21 °C | 08.30 | 13.15 | 06.15 | 07.45 | 06.15 |
| 22 °C | 08.00 | 12.30 | 05.45 | 07.15 | 05.00 |
| 24 °C | 07.15 | 11.15 | 05.15 | 06.30 | 04.15 |

|             |         |              |              |                  |                |
|-------------|---------|--------------|--------------|------------------|----------------|
| <b>AGFA</b> | Refinal | Rodinal 1+25 | Rodinal 1+50 | R09 special 1+15 | Studional 1+15 |
| 18 °C       | 06.15   | 10.15        | 16.00        | 07.00            | 07.00          |
| 20 °C       | 05.30   | 09.00        | 14.00        | 06.00            | 06.00          |
| 21 °C       | 05.15   | 08.30        | 13.15        | 05.45            | 05.45          |
| 22 °C       | 05.00   | 08.00        | 12.30        | 05.30            | 05.30          |
| 24 °C       | 04.30   | 07.15        | 11.15        | 05.00            | 05.00          |

|                |           |           |            |            |
|----------------|-----------|-----------|------------|------------|
| <b>AMALOCO</b> | AM-74 1+7 | AM-74 1+9 | AM-74 1+15 | AM-74 1+19 |
| 18 °C          | 05.00     | 05.30     | 06.15      | 09.45      |
| 20 °C          | 04.00     | 04.25     | 05.10      | 08.00      |
| 21 °C          | 04.00     | 04.15     | 05.00      | 07.45      |
| 22 °C          | 03.45     | 04.00     | 04.45      | 07.15      |
| 24 °C          | -         | 03.15     | 03.45      | 05.45      |

|                  |         |
|------------------|---------|
| <b>ARS-IMAGO</b> | FD 1+59 |
| 18 °C            | -       |
| 20 °C            | 05.45   |
| 21 °C            | -       |
| 22 °C            | -       |
| 24 °C            | -       |

|            |           |                |            |
|------------|-----------|----------------|------------|
| <b>BKA</b> | Ethol UFG | Ethol TEC 1+15 | ACU-1 1+10 |
| 18 °C      | -         | -              | -          |
| 20 °C      | -         | -              | -          |
| 21 °C      | 05.30     | 15.00          | 08.00      |
| 22 °C      | -         | -              | -          |
| 24 °C      | -         | -              | -          |

|                |              |
|----------------|--------------|
| <b>BERGGER</b> | BerSpeed 1+1 |
| 18 °C          | 12.00        |
| 20 °C          | 10.00        |
| 21 °C          | 09.15        |
| 22 °C          | 08.30        |
| 24 °C          | 07.30        |

|                |         |              |               |
|----------------|---------|--------------|---------------|
| <b>CLAYTON</b> | F60 1+9 | F76 plus 1+9 | F76 plus 1+14 |
| 18 °C          | 08.00   | 07.30        | 10.45         |
| 20 °C          | 07.00   | 06.30        | 09.30         |
| 21 °C          | 06.45   | 06.15        | 09.00         |
| 22 °C          | 06.15   | 05.45        | 08.30         |
| 24 °C          | 05.45   | 05.15        | 07.45         |

|             |              |              |                |                |               |               |
|-------------|--------------|--------------|----------------|----------------|---------------|---------------|
| <b>FOMA</b> | R09 New 1+25 | R09 New 1+50 | Foma Excel pur | Foma Excel 1+1 | Fomadon P pur | Fomadon P 1+1 |
| 18 °C       | 10.15        | 16.00        | 09.15          | 12.00          | 10.45         | 14.15         |
| 20 °C       | 09.00        | 14.00        | 08.00          | 10.30          | 09.30         | 12.30         |

|                 |                      |                      |                 |                   |                      |                |                 |               |               |                   |                   |
|-----------------|----------------------|----------------------|-----------------|-------------------|----------------------|----------------|-----------------|---------------|---------------|-------------------|-------------------|
| 21 °C           | 08.30                | 13.15                | 07.45           | 10.00             | 09.00                | 11.45          |                 |               |               |                   |                   |
| 22 °C           | 08.00                | 12.30                | 07.15           | 09.15             | 08.30                | 11.00          |                 |               |               |                   |                   |
| 24 °C           | 07.15                | 11.15                | 06.30           | 08.30             | 07.45                | 10.00          |                 |               |               |                   |                   |
| <b>ILFORD</b>   | ID-11 pur            | ID-11 1+1            | ID-11 1+3       | Microphen pur     | Microphen 1+1        | Microphen 1+3  | Perceptol pur   | Perceptol 1+1 | Perceptol 1+3 | Ilfotec LC29 1+19 | Ilfotec LC29 1+29 |
| 18 °C           | 09.45                | 12.30                | 22.45           | 07.30             | 11.30                | 16.00          | 17.00           | 19.15         | 25.00         | 07.00             | 08.30             |
| 20 °C           | 08.30                | 11.00                | 20.00           | 06.30             | 10.00                | 14.00          | 15.00           | 17.00         | 22.00         | 06.00             | 07.30             |
| 21 °C           | 08.00                | 10.30                | 19.00           | 06.15             | 09.30                | 13.15          | 14.15           | 16.00         | 20.45         | 05.45             | 07.15             |
| 22 °C           | 07.30                | 09.45                | 17.45           | 05.45             | 09.00                | 12.30          | 13.15           | 15.00         | 19.30         | 05.30             | 06.45             |
| 24 °C           | 07.00                | 09.00                | 16.00           | 05.15             | 08.00                | 11.15          | 12.00           | 13.45         | 17.45         | 05.00             | 06.00             |
| (suite)         | Ilfotec DDX 1+4      | Ilfotec HC 1+31      | Ilfosol-S 1+9   | Ilfosol-S 1+14    | Ilfosol-3 1+9        | Ilfosol-3 1+14 |                 |               |               |                   |                   |
| 18 °C           | 13.45                | 07.00                | 07.00           | 11.30             | 05.45                | 08.30          |                 |               |               |                   |                   |
| 20 °C           | 12.00                | 06.00                | 06.00           | 10.00             | 05.00                | 07.30          |                 |               |               |                   |                   |
| 21 °C           | 11.30                | 05.45                | 05.45           | 09.30             | 04.45                | 07.15          |                 |               |               |                   |                   |
| 22 °C           | 10.45                | 05.30                | 05.30           | 09.00             | 04.30                | 06.45          |                 |               |               |                   |                   |
| 24 °C           | 09.45                | 05.00                | 05.00           | 08.00             | 04.00                | 06.00          |                 |               |               |                   |                   |
| <b>KODAK</b>    | D-76 pur             | D-76 1+1             | D-76 1+3        | TMAX-dev 1+4      | Microdol-X           | Microdol-X 1+3 | HC-110 (B) 1+31 | XTOL          | D-19          |                   |                   |
| 18 °C           | 10.15                | 13.45                | 25.00           | 08.00             | 17.00                | 25.00          | 07.00           | 08.30         | 06.15         |                   |                   |
| 20 °C           | 09.00                | 12.00                | 22.00           | 07.00             | 15.00                | 22.00          | 06.00           | 07.30         | 05.30         |                   |                   |
| 21 °C           | 08.30                | 11.30                | 20.45           | 06.45             | 14.15                | 20.45          | 05.45           | 07.15         | 05.15         |                   |                   |
| 22 °C           | 08.00                | 10.45                | 19.30           | 06.15             | 13.15                | 19.30          | 05.30           | 06.45         | 05.00         |                   |                   |
| 24 °C           | 07.15                | 09.45                | 17.45           | 05.45             | 12.00                | 17.45          | 05.00           | 06.00         | 04.30         |                   |                   |
| <b>PATERSON</b> | Acutol 1+10          | Aculux3 1+9          | FX-39 1+9       |                   |                      |                |                 |               |               |                   |                   |
| 18 °C           | 18.15                | 11.15                | 08.45           |                   |                      |                |                 |               |               |                   |                   |
| 20 °C           | 16.00                | 09.00                | 07.00           |                   |                      |                |                 |               |               |                   |                   |
| 21 °C           | 15.15                | 08.15                | 06.15           |                   |                      |                |                 |               |               |                   |                   |
| 22 °C           | 14.15                | 07.15                | 05.00           |                   |                      |                |                 |               |               |                   |                   |
| 24 °C           | 13.00                | 05.30                | 04.15           |                   |                      |                |                 |               |               |                   |                   |
| <b>ROLLEI</b>   | Supergrain 1+9       | Supergrain 1+12      | Supergrain 1+15 |                   |                      |                |                 |               |               |                   |                   |
| 18 °C           | 07.00                | 07.30                | 08.00           |                   |                      |                |                 |               |               |                   |                   |
| 20 °C           | 06.00                | 06.30                | 07.00           |                   |                      |                |                 |               |               |                   |                   |
| 21 °C           | 05.45                | 06.15                | 06.45           |                   |                      |                |                 |               |               |                   |                   |
| 22 °C           | 05.30                | 05.45                | 06.15           |                   |                      |                |                 |               |               |                   |                   |
| 24 °C           | 05.00                | 05.15                | 05.45           |                   |                      |                |                 |               |               |                   |                   |
| <b>SPURSINN</b> | SAM classic 1+7      |                      |                 |                   |                      |                |                 |               |               |                   |                   |
| 18 °C           | 07.15                |                      |                 |                   |                      |                |                 |               |               |                   |                   |
| 20 °C           | 06.00                |                      |                 |                   |                      |                |                 |               |               |                   |                   |
| 21 °C           | 05.30                |                      |                 |                   |                      |                |                 |               |               |                   |                   |
| 22 °C           | 05.00                |                      |                 |                   |                      |                |                 |               |               |                   |                   |
| 24 °C           | -                    |                      |                 |                   |                      |                |                 |               |               |                   |                   |
| <b>TETENAL</b>  | Ultrafin liquid 1+10 | Ultrafin liquid 1+20 | Ultrafin SF     | Ultrafin plus 1+4 | Ultrafin T-plu s 1+4 | Paranol S 1+25 | Paranol S 1+50  |               |               |                   |                   |
| 18 °C           | 07.15                | 11.30                | 06.00           | 06.00             | 08.15                | 17.00          | 48.00           |               |               |                   |                   |
| 20 °C           | 06.00                | 09.30                | 05.00           | 05.00             | 06.45                | 14.00          | 40.00           |               |               |                   |                   |

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 21 °C | 05.45 | 08.45 | 04.45 | 04.45 | 06.15 | 13.00 | 37.00 |
| 22 °C | 05.15 | 08.15 | 04.15 | 04.15 | 05.45 | 12.00 | 34.00 |
| 24 °C | 04.30 | 07.15 | 03.45 | 03.45 | 05.15 | 10.30 | 30.00 |

**Ifford Delta-100 à EI 160/23°**

|                  |            |
|------------------|------------|
| <b>ARS-IMAGO</b> | FD<br>1+59 |
| 18 °C            | -          |
| 20 °C            | 08.00      |
| 21 °C            | -          |
| 22 °C            | -          |
| 24 °C            | -          |

**Ifford Delta-100 à EI 200/24°**

|             |         |                     |                   |
|-------------|---------|---------------------|-------------------|
| <b>AGFA</b> | Refinal | R09 special<br>1+15 | Studional<br>1+15 |
| 18 °C       | 07.30   | 09.15               | 09.15             |
| 20 °C       | 06.30   | 08.00               | 08.00             |
| 21 °C       | 06.15   | 07.45               | 07.45             |
| 22 °C       | 05.45   | 07.15               | 07.15             |
| 24 °C       | 05.15   | 06.30               | 06.30             |

|                |              |              |               |               |
|----------------|--------------|--------------|---------------|---------------|
| <b>AMALOCO</b> | AM-74<br>1+7 | AM-74<br>1+9 | AM-74<br>1+15 | AM-74<br>1+19 |
| 18 °C          | 07.15        | 08.00        | 09.30         | 14.30         |
| 20 °C          | 06.00        | 06.35        | 07.50         | 12.00         |
| 21 °C          | 05.45        | 06.15        | 07.30         | 11.30         |
| 22 °C          | 05.30        | 06.00        | 07.15         | 11.00         |
| 24 °C          | 04.15        | 04.45        | 05.30         | 08.30         |

|            |         |
|------------|---------|
| <b>BKA</b> | Acufine |
| 18 °C      | 06.15   |
| 20 °C      | 05.30   |
| 21 °C      | 05.15   |
| 22 °C      | 05.00   |
| 24 °C      | 04.30   |

|               |              |              |                  |                  |                  |                     |                     |                   |                   |
|---------------|--------------|--------------|------------------|------------------|------------------|---------------------|---------------------|-------------------|-------------------|
| <b>ILFORD</b> | ID-11<br>pur | ID-11<br>1+1 | Microphen<br>pur | Microphen<br>1+1 | Microphen<br>1+3 | Ifotec LC29<br>1+19 | Ifotec LC29<br>1+29 | Ifotec DDX<br>1+4 | Ifotec HC<br>1+31 |
| 18 °C         | 12.00        | 14.45        | 09.15            | 16.00            | 22.45            | 09.15               | 11.30               | 16.00             | 09.15             |
| 20 °C         | 10.30        | 13.00        | 08.00            | 14.00            | 20.00            | 08.00               | 10.00               | 14.00             | 08.00             |
| 21 °C         | 10.00        | 12.15        | 07.45            | 13.15            | 19.00            | 07.45               | 09.30               | 13.15             | 07.45             |
| 22 °C         | 09.15        | 11.30        | 07.15            | 12.30            | 17.45            | 07.15               | 09.00               | 12.30             | 07.15             |
| 24 °C         | 08.30        | 10.30        | 06.30            | 11.15            | 16.00            | 06.30               | 08.00               | 11.15             | 06.30             |

|              |             |             |                 |                    |       |
|--------------|-------------|-------------|-----------------|--------------------|-------|
| <b>KODAK</b> | D-76<br>pur | D-76<br>1+1 | TMAX-dev<br>1+4 | HC-110<br>(B) 1+31 | XTOL  |
| 18 °C        | 12.30       | 16.00       | 09.15           | 09.15              | 10.45 |
| 20 °C        | 11.00       | 14.00       | 08.00           | 08.00              | 09.30 |
| 21 °C        | 10.30       | 13.15       | 07.45           | 07.45              | 09.00 |
| 22 °C        | 09.45       | 12.30       | 07.15           | 07.15              | 08.30 |
| 24 °C        | 09.00       | 11.15       | 06.30           | 06.30              | 07.45 |

|                 |                    |
|-----------------|--------------------|
| <b>SPURSINN</b> | SAM classic<br>1+7 |
|-----------------|--------------------|

|       |       |
|-------|-------|
| 18 °C | 10.30 |
| 20 °C | 08.30 |
| 21 °C | 07.45 |
| 22 °C | 07.00 |
| 24 °C | 06.00 |

| TETENAL | Ultrafin liquid 1+10 | Ultrafin liquid 1+20 | Ultrafin SF | Ultrafin plus 1+4 |
|---------|----------------------|----------------------|-------------|-------------------|
| 18 °C   | 09.45                | 14.00                | 08.30       | 08.30             |
| 20 °C   | 08.00                | 11.30                | 07.00       | 07.00             |
| 21 °C   | 07.30                | 10.45                | 06.30       | 06.30             |
| 22 °C   | 07.00                | 10.00                | 06.00       | 06.00             |
| 24 °C   | 06.00                | 08.45                | 05.15       | 05.15             |

**Iford Delta-100 à EI 400/27°**

NOTE : En cas de sous-exposition ; proposé mais déconseillé par Iford.

| ILFORD | Microphen pur |
|--------|---------------|
| 18 °C  | 11.30         |
| 20 °C  | 10.00         |
| 21 °C  | 09.30         |
| 22 °C  | 09.00         |
| 24 °C  | 08.00         |

## Iford Delta-400 - 18 à 24 °C

NOTE : Une fourchette d'exposition située entre EI 250/25 et EI 500/28 est conseillée.

**Iford Delta-400 à EI 100/21°**

NOTE : En cas de sur-exposition ; proposé mais déconseillé par Iford.

| ILFORD | Perceptol pur |
|--------|---------------|
| 18 °C  | 09.15         |
| 20 °C  | 08.00         |
| 21 °C  | 07.45         |
| 22 °C  | 07.15         |
| 24 °C  | 06.30         |

| SPURSINN | SAM classic 1+7 | SAM classic 1+9 |
|----------|-----------------|-----------------|
| 18 °C    | 09.00           | 12.15           |
| 20 °C    | 07.15           | 09.45           |
| 21 °C    | 06.45           | 08.45           |
| 22 °C    | 06.00           | 08.00           |
| 24 °C    | 05.15           | 06.45           |

**Iford Delta-400 à EI 200/24°**

| ADOX  | Adonal 1+25 | Adonal 1+50 | Atomal 49 pur |
|-------|-------------|-------------|---------------|
| 18 °C | 06.45       | 12.45       | 10.00         |
| 20 °C | 06.00       | 11.30       | 08.00         |
| 21 °C | 05.45       | 11.15       | 07.30         |
| 22 °C | 05.45       | 10.30       | 06.30         |

|             |              |              |            |
|-------------|--------------|--------------|------------|
| 24 °C       | 05.00        | 09.30        | 05.00      |
| <b>AGFA</b> | Rodinal 1+25 | Rodinal 1+50 | Atomal pur |
| 18 °C       | 06.45        | 12.45        | 10.00      |
| 20 °C       | 06.00        | 11.30        | 08.00      |
| 21 °C       | 05.45        | 11.15        | 07.30      |
| 22 °C       | 05.45        | 10.30        | 06.30      |
| 24 °C       | 05.00        | 09.30        | 05.00      |

|                  |         |
|------------------|---------|
| <b>ARS-IMAGO</b> | FD 1+39 |
| 18 °C            | -       |
| 20 °C            | 05.30   |
| 21 °C            | -       |
| 22 °C            | -       |
| 24 °C            | -       |

|            |         |
|------------|---------|
| <b>BKA</b> | Acufine |
| 18 °C      | 08.45   |
| 20 °C      | 07.00   |
| 21 °C      | 06.30   |
| 22 °C      | 05.45   |
| 24 °C      | 04.30   |

|             |              |              |
|-------------|--------------|--------------|
| <b>FOMA</b> | R09 New 1+25 | R09 New 1+50 |
| 18 °C       | 06.45        | 12.45        |
| 20 °C       | 06.00        | 11.30        |
| 21 °C       | 05.45        | 11.15        |
| 22 °C       | 05.45        | 10.30        |
| 24 °C       | 05.00        | 09.30        |

|               |           |           |           |               |               |               |               |               |               |                  |                  |
|---------------|-----------|-----------|-----------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|------------------|
| <b>ILFORD</b> | ID-11 pur | ID-11 1+1 | ID-11 1+3 | Microphen pur | Microphen 1+1 | Microphen 1+3 | Perceptol pur | Perceptol 1+1 | Perceptol 1+3 | Ifotec LC29 1+19 | Ifotec LC29 1+29 |
| 18 °C         | 08.00     | 11.15     | 20.30     | 05.45         | 09.30         | 18.45         | 12.00         | 14.30         | 20.45         | 05.45            | 10.30            |
| 20 °C         | 07.00     | 10.00     | 18.00     | 05.00         | 08.30         | 16.00         | 10.00         | 12.30         | 18.30         | 05.00            | 08.30            |
| 21 °C         | 06.45     | 09.30     | 17.00     | 04.45         | 08.15         | 15.00         | 09.30         | 11.45         | 17.45         | 04.45            | 07.45            |
| 22 °C         | 06.15     | 09.00     | 16.15     | 04.30         | 07.45         | 13.45         | 08.30         | 10.45         | 16.30         | 04.30            | 07.00            |
| 24 °C         | 05.30     | 08.00     | 14.00     | 04.00         | 07.00         | 11.30         | 07.00         | 09.00         | 14.30         | 04.00            | 05.30            |

|         |                |                |              |               |              |               |
|---------|----------------|----------------|--------------|---------------|--------------|---------------|
| (suite) | Ifotec DDX 1+4 | Ifotec HC 1+31 | Ifosol-S 1+9 | Ifosol-S 1+14 | Ifosol-3 1+9 | Ifosol-3 1+14 |
| 18 °C   | 07.00          | 05.45          | 07.30        | 11.15         | 06.15        | 09.15         |
| 20 °C   | 06.00          | 05.00          | 06.30        | 10.00         | 05.30        | 08.00         |
| 21 °C   | 05.45          | 04.45          | 06.15        | 09.30         | 05.15        | 07.45         |
| 22 °C   | 05.30          | 04.30          | 05.45        | 09.00         | 05.00        | 07.15         |
| 24 °C   | 04.30          | 04.00          | 05.00        | 08.00         | 04.30        | 06.00         |

|              |          |          |          |              |            |                |                |                 |       |          |
|--------------|----------|----------|----------|--------------|------------|----------------|----------------|-----------------|-------|----------|
| <b>KODAK</b> | D-76 pur | D-76 1+1 | D-76 1+3 | TMAX-dev 1+4 | Microdol-X | Microdol-X 1+1 | Microdol-X 1+3 | HC-110 (B) 1+31 | XTOL  | XTOL 1+1 |
| 18 °C        | 08.00    | 11.15    | 20.30    | 05.45        | 13.15      | 17.00          | -              | 05.45           | 07.15 | 10.30    |
| 20 °C        | 07.00    | 10.00    | 18.00    | 05.00        | 11.00      | 14.30          | -              | 05.00           | 06.00 | 09.00    |
| 21 °C        | 06.45    | 09.30    | 17.00    | 04.45        | 10.15      | 13.30          | -              | 04.45           | 05.45 | 08.30    |
| 22 °C        | 06.15    | 09.00    | 16.15    | 04.30        | 09.15      | 12.30          | -              | 04.30           | 05.00 | 07.45    |
| 24 °C        | 05.30    | 08.00    | 14.00    | 04.00        | 07.30      | 10.30          | 15.30          | 04.00           | 04.00 | 06.30    |

| <b>ROLLEI</b> | RLS<br>1+4   |
|---------------|--------------|
| 18 °C         | -            |
| 20 °C         | -            |
| 21 °C         | -            |
| 22 °C         | -            |
| 24 °C         | <b>15.00</b> |

| <b>SPUR</b> | AcuroI-N<br>1+50 |
|-------------|------------------|
| 18 °C       | <b>12.00</b>     |
| 20 °C       | <b>10.30</b>     |
| 21 °C       | <b>10.00</b>     |
| 22 °C       | <b>09.15</b>     |
| 24 °C       | <b>08.30</b>     |

| <b>SPURSINN</b> | SAM classic<br>1+5 | SAM classic<br>1+7 | SAM classic<br>1+9 |
|-----------------|--------------------|--------------------|--------------------|
| 18 °C           | <b>09.15</b>       | <b>12.15</b>       | <b>16.45</b>       |
| 20 °C           | <b>07.30</b>       | <b>09.45</b>       | <b>13.30</b>       |
| 21 °C           | <b>06.45</b>       | <b>08.45</b>       | <b>12.00</b>       |
| 22 °C           | <b>06.00</b>       | <b>08.00</b>       | <b>11.00</b>       |
| 24 °C           | <b>05.15</b>       | <b>06.45</b>       | <b>09.15</b>       |

| <b>TETENAL</b> | Ultrafin SF  | Ultrafin SF<br>1+1 | Ultrafin plus<br>1+4 |
|----------------|--------------|--------------------|----------------------|
| 18 °C          | <b>09.45</b> | <b>17.15</b>       | <b>06.45</b>         |
| 20 °C          | <b>08.00</b> | <b>14.00</b>       | <b>06.00</b>         |
| 21 °C          | <b>07.30</b> | <b>12.45</b>       | <b>05.45</b>         |
| 22 °C          | <b>06.45</b> | <b>11.30</b>       | <b>05.45</b>         |
| 24 °C          | <b>05.30</b> | <b>09.00</b>       | <b>05.00</b>         |

### Iflord Delta-400 à EI 250/25°

| ILFORD | Perceptol pur |  |
|--------|---------------|--|
| 18 °C  | 13.45         |  |
| 20 °C  | 12.00         |  |
| 21 °C  | 11.30         |  |
| 22 °C  | 10.45         |  |
| 24 °C  | 09.00         |  |

  

| MOERSCH | Tanol 1+1+100 | Tanol Speed 1+1+100 |
|---------|---------------|---------------------|
| 18 °C   | 21.30         | 22.00               |
| 20 °C   | 17.30         | 18.30               |
| 21 °C   | 16.00         | 17.15               |
| 22 °C   | 14.20         | 15.45               |
| 24 °C   | 11.45         | 12.30               |

  

| SPUR  | HRX 1+15 |
|-------|----------|
| 18 °C | 14.45    |
| 20 °C | 13.00    |
| 21 °C | 12.15    |
| 22 °C | 11.30    |
| 24 °C | 10.30    |

### Iflord Delta-400 à EI 320/26°

| BERGGER | PMK 1+2+100 |  |
|---------|-------------|--|
| 18 °C   | -           |  |
| 20 °C   | 17.15       |  |
| 21 °C   | 16.00       |  |
| 22 °C   | 15.00       |  |
| 24 °C   | 13.00       |  |

  

| ILFORD | Perceptol 1+1 | Iflotec HC 1+15 |
|--------|---------------|-----------------|
| 18 °C  | 18.00         | -               |
| 20 °C  | 15.30         | -               |
| 21 °C  | 14.45         | 04.00           |
| 22 °C  | 13.30         | -               |
| 24 °C  | 11.30         | -               |

  

| KODAK | Microdol-X 1+1 | Microdol-X 1+1 | HC-110 (A) 1+15 |
|-------|----------------|----------------|-----------------|
| 18 °C | 15.15          | 18.45          | -               |
| 20 °C | 13.30          | 16.30          | 04.00           |
| 21 °C | 12.45          | 15.30          | -               |
| 22 °C | 12.00          | 14.45          | -               |
| 24 °C | 11.00          | 13.15          | -               |

### Iflord Delta-400 à EI 400/27°

| ADOX  | Adonal 1+25 | Adonal 1+50 | ADX-II 1+24 | Silvermax 1+17 | FX-39 1+9 |
|-------|-------------|-------------|-------------|----------------|-----------|
| 18 °C | 10.15       | 22.15       | 10.45       | 12.00          | 12.30     |

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 20 °C | 09.00 | 20.00 | 09.30 | 10.30 | 10.00 |
| 21 °C | 08.30 | 19.00 | 09.00 | 10.00 | 09.00 |
| 22 °C | 08.00 | 18.00 | 08.30 | 09.15 | 08.00 |
| 24 °C | 07.00 | 16.00 | 07.45 | 08.30 | 06.00 |

|             |                 |                 |
|-------------|-----------------|-----------------|
| <b>AGFA</b> | Rodinal<br>1+25 | Rodinal<br>1+50 |
| 18 °C       | 10.15           | 22.15           |
| 20 °C       | 09.00           | 20.00           |
| 21 °C       | 08.30           | 19.00           |
| 22 °C       | 08.00           | 18.00           |
| 24 °C       | 07.00           | 16.00           |

|                |              |              |               |               |
|----------------|--------------|--------------|---------------|---------------|
| <b>AMALOCO</b> | AM-74<br>1+7 | AM-74<br>1+9 | AM-74<br>1+15 | AM-74<br>1+19 |
| 18 °C          | 09.00        | 10.00        | 11.45         | 18.00         |
| 20 °C          | 07.30        | 08.15        | 09.45         | 15.00         |
| 21 °C          | 07.15        | 08.00        | 09.15         | 14.15         |
| 22 °C          | 06.45        | 07.30        | 09.00         | 13.30         |
| 24 °C          | 05.15        | 06.00        | 07.00         | 10.30         |

|                  |            |
|------------------|------------|
| <b>ARS-IMAGO</b> | FD<br>1+39 |
| 18 °C            | -          |
| 20 °C            | 07.30      |
| 21 °C            | -          |
| 22 °C            | -          |
| 24 °C            | -          |

|            |         |
|------------|---------|
| <b>BKA</b> | Acufine |
| 18 °C      | 11.15   |
| 20 °C      | 09.00   |
| 21 °C      | 08.15   |
| 22 °C      | 07.30   |
| 24 °C      | 05.30   |

|                |                 |
|----------------|-----------------|
| <b>BERGGER</b> | BerSpeed<br>1+1 |
| 18 °C          | 13.45           |
| 20 °C          | 11.30           |
| 21 °C          | 10.40           |
| 22 °C          | 09.45           |
| 24 °C          | 08.15           |

|                |            |                 |                  |
|----------------|------------|-----------------|------------------|
| <b>CLAYTON</b> | F60<br>1+9 | F76 plus<br>1+9 | F76 plus<br>1+14 |
| 18 °C          | 08.30      | 08.00           | 15.15            |
| 20 °C          | 07.30      | 07.00           | 13.30            |
| 21 °C          | 07.15      | 06.45           | 12.45            |
| 22 °C          | 06.45      | 06.15           | 12.00            |
| 24 °C          | 06.00      | 05.45           | 11.00            |

|             |                 |                 |                   |                   |                  |                  |
|-------------|-----------------|-----------------|-------------------|-------------------|------------------|------------------|
| <b>FOMA</b> | R09 New<br>1+25 | R09 New<br>1+50 | Foma Excel<br>pur | Foma Excel<br>1+1 | Fomadon P<br>pur | Fomadon P<br>1+1 |
| 18 °C       | 10.15           | 22.15           | 08.00             | 10.45             | 11.30            | 16.30            |
| 20 °C       | 09.00           | 20.00           | 07.00             | 09.30             | 10.00            | 14.30            |



|                |             |                 |                   |                      |                |                |
|----------------|-------------|-----------------|-------------------|----------------------|----------------|----------------|
| 22 °C          | 08.15       | 10.45           | 14.30             |                      |                |                |
| 24 °C          | 07.15       | 09.00           | 12.30             |                      |                |                |
| <b>TETENAL</b> | Ultrafin SF | Ultrafin SF 1+1 | Ultrafin plus 1+4 | Ultrafin T-plu s 1+4 | Paranol S 1+25 | Paranol S 1+50 |
| 18 °C          | 12.00       | 23.30           | 08.30             | 10.00                | 14.30          | 48.00          |
| 20 °C          | 10.00       | 19.00           | 07.30             | 08.15                | 12.00          | 40.00          |
| 21 °C          | 09.30       | 17.30           | 07.15             | 07.45                | 11.15          | 37.00          |
| 22 °C          | 08.30       | 15.45           | 06.45             | 07.00                | 10.15          | 34.00          |
| 24 °C          | 07.00       | 12.00           | 06.00             | 06.15                | 09.00          | 30.00          |

### Iford Delta-400 à EI 500/28°

|            |         |
|------------|---------|
| <b>BKA</b> | Acufine |
| 18 °C      | 13.30   |
| 20 °C      | 11.00   |
| 21 °C      | 10.00   |
| 22 °C      | 09.15   |
| 24 °C      | 07.00   |

|               |               |               |               |                |
|---------------|---------------|---------------|---------------|----------------|
| <b>ILFORD</b> | Microphen pur | Microphen 1+1 | Microphen 1+3 | Ifotec DDX 1+4 |
| 18 °C         | 08.30         | 15.00         | -             | 11.00          |
| 20 °C         | 07.30         | 13.30         | -             | 09.30          |
| 21 °C         | 07.15         | 13.00         | -             | 09.00          |
| 22 °C         | 06.45         | 12.30         | -             | 08.15          |
| 24 °C         | 06.00         | 11.00         | 20.00         | 07.00          |

|              |              |       |          |
|--------------|--------------|-------|----------|
| <b>KODAK</b> | TMAX-dev 1+4 | XTOL  | XTOL 1+1 |
| 18 °C        | 08.00        | 10.00 | 15.15    |
| 20 °C        | 07.00        | 08.30 | 13.00    |
| 21 °C        | 06.45        | 08.00 | 12.15    |
| 22 °C        | 06.15        | 07.15 | 11.30    |
| 24 °C        | 05.30        | 06.00 | 09.30    |

|                |             |                 |                   |
|----------------|-------------|-----------------|-------------------|
| <b>TETENAL</b> | Ultrafin SF | Ultrafin SF 1+1 | Ultrafin plus 1+4 |
| 18 °C          | 14.30       | -               | 11.15             |
| 20 °C          | 12.00       | -               | 10.00             |
| 21 °C          | 11.15       | -               | 09.30             |
| 22 °C          | 10.00       | -               | 09.00             |
| 24 °C          | 08.00       | 15.30           | 08.00             |

### Iford Delta-400 à EI 800/30°

|             |              |
|-------------|--------------|
| <b>ADOX</b> | Adonal 1+25  |
| 18 °C       | -            |
| 20 °C       | -            |
| 21 °C       | -            |
| 22 °C       | -            |
| 24 °C       | 16.00        |
| <b>AGFA</b> | Rodinal 1+25 |

|       |       |
|-------|-------|
| 18 °C | -     |
| 20 °C | -     |
| 21 °C | -     |
| 22 °C | -     |
| 24 °C | 16.00 |

|                |              |              |               |               |
|----------------|--------------|--------------|---------------|---------------|
| <b>AMALOCO</b> | AM-74<br>1+7 | AM-74<br>1+9 | AM-74<br>1+15 | AM-74<br>1+19 |
| 18 °C          | 12.00        | -            | 15.45         | 24.00         |
| 20 °C          | 10.00        | 01.00        | 13.00         | 20.00         |
| 21 °C          | 09.30        | -            | 12.30         | 19.00         |
| 22 °C          | 09.00        | -            | 11.45         | 18.00         |
| 24 °C          | 07.00        | -            | 09.15         | 14.00         |

|                  |            |
|------------------|------------|
| <b>ARS-IMAGO</b> | FD<br>1+39 |
| 18 °C            | -          |
| 20 °C            | 13.00      |
| 21 °C            | -          |
| 22 °C            | -          |
| 24 °C            | -          |

|            |         |
|------------|---------|
| <b>BKA</b> | Acufine |
| 18 °C      | 14.45   |
| 20 °C      | 13.00   |
| 21 °C      | 12.15   |
| 22 °C      | 11.30   |
| 24 °C      | 10.30   |

|                |            |                 |
|----------------|------------|-----------------|
| <b>CLAYTON</b> | F60<br>1+9 | F76 plus<br>1+9 |
| 18 °C          | 11.30      | 10.45           |
| 20 °C          | 10.00      | 09.30           |
| 21 °C          | 09.30      | 09.00           |
| 22 °C          | 09.00      | 08.30           |
| 24 °C          | 08.00      | 07.45           |

|             |                 |
|-------------|-----------------|
| <b>FOMA</b> | R09 New<br>1+25 |
| 18 °C       | -               |
| 20 °C       | -               |
| 21 °C       | -               |
| 22 °C       | -               |
| 24 °C       | 16.00           |

|               |              |              |                  |                  |                      |                      |                    |                    |                    |                  |                   |
|---------------|--------------|--------------|------------------|------------------|----------------------|----------------------|--------------------|--------------------|--------------------|------------------|-------------------|
| <b>ILFORD</b> | ID-11<br>pur | ID-11<br>1+1 | Microphen<br>pur | Microphen<br>1+1 | Ilfotec LC29<br>1+19 | Ilfotec LC29<br>1+29 | Ilfotec DDX<br>1+4 | Ilfotec HC<br>1+15 | Ilfotec HC<br>1+31 | Ilfosol-S<br>1+9 | Ilfosol-S<br>1+14 |
| 18 °C         | 13.00        | 19.30        | 09.45            | 17.30            | 12.00                | 20.45                | 12.30              | 06.15              | 12.00              | 15.30            | -                 |
| 20 °C         | 11.30        | 17.30        | 08.30            | 15.30            | 10.00                | 17.00                | 10.30              | 05.30              | 10.00              | 14.00            | -                 |
| 21 °C         | 11.00        | 16.45        | 08.00            | 14.45            | 09.30                | 15.30                | 09.45              | 05.15              | 09.30              | 13.30            | -                 |
| 22 °C         | 10.15        | 15.45        | 07.30            | 14.00            | 08.30                | 14.00                | 09.15              | 05.00              | 08.30              | 12.45            | -                 |
| 24 °C         | 09.00        | 14.00        | 06.30            | 12.00            | 07.00                | 11.00                | 07.30              | 04.30              | 07.00              | 11.30            | 14.00             |

|         |                  |                   |
|---------|------------------|-------------------|
| (suite) | Ilfosol-3<br>1+9 | Ilfosol-3<br>1+14 |
| 18 °C   | 16.00            | 23.30             |

|       |       |       |
|-------|-------|-------|
| 20 °C | 14.00 | 20.30 |
| 21 °C | 13.15 | 19.30 |
| 22 °C | 12.30 | 18.15 |
| 24 °C | 10.30 | 15.30 |

| KODAK | D-76 pur | D-76 1+1 | TMAX-dev 1+4 | HC-110 (A) 1+15 | HC-110 (B) 1+31 | XTOL  | XTOL 1+1 |
|-------|----------|----------|--------------|-----------------|-----------------|-------|----------|
| 18 °C | 13.00    | 19.30    | 09.30        | 06.15           | 12.00           | 11.30 | 09.45    |
| 20 °C | 11.30    | 17.30    | 08.30        | 05.30           | 10.00           | 10.00 | 10.15    |
| 21 °C | 11.00    | 16.45    | 08.15        | 05.15           | 09.30           | 09.30 | 10.45    |
| 22 °C | 10.15    | 15.45    | 07.45        | 05.00           | 08.30           | 09.00 | 11.00    |
| 24 °C | 09.00    | 14.00    | 07.00        | 04.30           | 07.00           | 07.30 | 11.30    |

| SPURSINN | SAM classic 1+5 | SAM classic 1+7 |
|----------|-----------------|-----------------|
| 18 °C    | 16.45           | 21.45           |
| 20 °C    | 13.30           | 17.30           |
| 21 °C    | 12.00           | 15.45           |
| 22 °C    | 11.00           | 14.15           |
| 24 °C    | 09.15           | 12.00           |

| TETENAL | Ultrafin SF | Ultrafin SF 1+1 | Ultrafin plus 1+4 |
|---------|-------------|-----------------|-------------------|
| 18 °C   | 16.15       | -               | 14.15             |
| 20 °C   | 13.30       | -               | 12.00             |
| 21 °C   | 12.30       | -               | 11.15             |
| 22 °C   | 11.15       | -               | 10.15             |
| 24 °C   | 09.00       | 17.30           | 08.30             |

**Ilford Delta-400 à EI 1600/33°**

|            |         |
|------------|---------|
| <b>BKA</b> | Acufine |
| 18 °C      | 19.45   |
| 20 °C      | 16.00   |
| 21 °C      | 14.45   |
| 22 °C      | 13.00   |
| 24 °C      | 10.00   |

|                |            |                 |
|----------------|------------|-----------------|
| <b>CLAYTON</b> | F60<br>1+9 | F76 plus<br>1+9 |
| 18 °C          | 16.00      | 14.45           |
| 20 °C          | 14.00      | 13.00           |
| 21 °C          | 13.15      | 12.15           |
| 22 °C          | 12.30      | 11.30           |
| 24 °C          | 11.15      | 10.30           |

|               |              |              |                  |                  |                      |                      |                    |                    |                    |                  |
|---------------|--------------|--------------|------------------|------------------|----------------------|----------------------|--------------------|--------------------|--------------------|------------------|
| <b>ILFORD</b> | ID-11<br>pur | ID-11<br>1+1 | Microphen<br>pur | Microphen<br>1+1 | Ilfotec LC29<br>1+19 | Ilfotec LC29<br>1+29 | Ilfotec DDX<br>1+4 | Ilfotec HC<br>1+15 | Ilfotec HC<br>1+31 | Ilfosol-S<br>1+9 |
| 18 °C         | 16.15        | -            | 12.30            | 21.00            | 15.45                | -                    | 16.00              | 08.45              | 15.45              | -                |
| 20 °C         | 14.30        | -            | 10.30            | 19.00            | 13.30                | -                    | 13.30              | 07.30              | 13.30              | -                |
| 21 °C         | 14.00        | -            | 09.45            | 18.15            | 12.45                | -                    | 12.45              | 07.00              | 12.45              | -                |
| 22 °C         | 13.15        | -            | 09.15            | 17.30            | 11.45                | -                    | 11.30              | 06.45              | 11.45              | -                |
| 24 °C         | 11.30        | 18.00        | 07.30            | 15.30            | 10.00                | 16.00                | 09.30              | 05.30              | 10.00              | 19.30            |

|              |             |             |                 |                    |                    |       |             |
|--------------|-------------|-------------|-----------------|--------------------|--------------------|-------|-------------|
| <b>KODAK</b> | D-76<br>pur | D-76<br>1+1 | TMAX-dev<br>1+4 | HC-110<br>(A) 1+15 | HC-110<br>(B) 1+31 | XTOL  | XTOL<br>1+1 |
| 18 °C        | 16.15       | -           | 11.45           | 09.30              | 18.00              | 15.15 | 23.45       |
| 20 °C        | 14.30       | -           | 10.30           | 07.30              | 13.30              | 13.00 | 20.00       |
| 21 °C        | 14.00       | -           | 10.00           | 06.45              | 12.00              | 12.15 | 18.45       |
| 22 °C        | 13.15       | -           | 09.30           | 06.00              | 10.15              | 11.30 | 17.00       |
| 24 °C        | 11.30       | 18.00       | 08.30           | 04.30              | 07.00              | 09.30 | 14.00       |

|                 |                    |                    |
|-----------------|--------------------|--------------------|
| <b>SPURSINN</b> | SAM classic<br>1+5 | SAM classic<br>1+7 |
| 18 °C           | 21.00              | 27.30              |
| 20 °C           | 17.00              | 22.15              |
| 21 °C           | 15.15              | 20.00              |
| 22 °C           | 13.45              | 18.00              |
| 24 °C           | 11.45              | 15.15              |

|                |             |                      |
|----------------|-------------|----------------------|
| <b>TETENAL</b> | Ultrafin SF | Ultrafin plus<br>1+4 |
| 18 °C          | 20.45       | 20.45                |
| 20 °C          | 17.00       | 16.30                |
| 21 °C          | 15.30       | 15.00                |
| 22 °C          | 14.00       | 13.15                |
| 24 °C          | 11.00       | 10.00                |

### Iford Delta-400 à EI 3200/36°

| BAK   | Acufine |
|-------|---------|
| 18 °C | 21.30   |
| 20 °C | 19.00   |
| 21 °C | 18.00   |
| 22 °C | 16.45   |
| 24 °C | 15.15   |

| ILFORD | ID-11 pur | Microphen pur | Ifotec DDX 1+4 | Ifotec HC 1+15 |
|--------|-----------|---------------|----------------|----------------|
| 18 °C  | 21.30     | 16.30         | 21.00          | 16.15          |
| 20 °C  | 19.00     | 14.00         | 18.00          | 13.00          |
| 21 °C  | 18.15     | 13.15         | 16.45          | 11.45          |
| 22 °C  | 17.00     | 12.15         | 15.30          | 10.45          |
| 24 °C  | 15.00     | 10.00         | 13.00          | 08.00          |

| KODAK | D-76 pur | TMAX-dev 1+4 | HC-110 (A) 1+15 | XTOL  | XTOL 1+1 |
|-------|----------|--------------|-----------------|-------|----------|
| 18 °C | 21.30    | 15.00        | 16.15           | 20.00 | -        |
| 20 °C | 19.00    | 13.30        | 13.00           | 17.00 | -        |
| 21 °C | 18.15    | 13.00        | 11.45           | 16.00 | -        |
| 22 °C | 17.00    | 12.30        | 10.45           | 14.30 | -        |
| 24 °C | 15.00    | 11.00        | 08.00           | 12.00 | 18.00    |

| SPURSINN | SAM classic 1+5 | SAM classic 1+7 |
|----------|-----------------|-----------------|
| 18 °C    | 26.00           | 34.00           |
| 20 °C    | 21.00           | 27.30           |
| 21 °C    | 19.00           | 24.45           |
| 22 °C    | 17.00           | 22.15           |
| 24 °C    | 14.30           | 19.00           |

| TETENAL | Ultrafin SF | Ultrafin plus 1+4 |
|---------|-------------|-------------------|
| 18 °C   | 23.15       | -                 |
| 20 °C   | 20.00       | -                 |
| 21 °C   | 18.45       | -                 |
| 22 °C   | 17.15       | -                 |
| 24 °C   | 14.30       | 13.30             |

## Iford Delta-3200 - 18 à 24 °C

*NOTE : Iford recommande dans sa notice l'utilisation des révélateurs Ifotec DDX et Microphen pour ce film. Chez Kodak, le T-Max-dev est le plus adapté.*

*Une fourchette d'exposition située entre EI 1600/33 et EI 6400/39 est conseillée.*

### Iford Delta-3200 à EI 400/27°

| ADOX  | Adonal 1+25 |
|-------|-------------|
| 18 °C | 06.15       |
| 20 °C | 05.30       |
| 21 °C | 05.15       |
| 22 °C | 05.00       |
| 24 °C | 04.30       |

|             |                 |
|-------------|-----------------|
| <b>AGFA</b> | Rodinal<br>1+25 |
| 18 °C       | 06.15           |
| 20 °C       | 05.30           |
| 21 °C       | 05.15           |
| 22 °C       | 05.00           |
| 24 °C       | 04.30           |

|                |              |              |               |               |
|----------------|--------------|--------------|---------------|---------------|
| <b>AMALOCO</b> | AM-74<br>1+7 | AM-74<br>1+9 | AM-74<br>1+15 | AM-74<br>1+19 |
| 18 °C          | 07.15        | 08.00        | 09.30         | 14.30         |
| 20 °C          | 06.00        | 06.35        | 07.50         | 12.00         |
| 21 °C          | 05.45        | 06.15        | 07.30         | 11.30         |
| 22 °C          | 05.30        | 06.00        | 07.15         | 11.00         |
| 24 °C          | 04.15        | 04.45        | 05.30         | 08.30         |

|             |                 |
|-------------|-----------------|
| <b>FOMA</b> | R09 New<br>1+25 |
| 18 °C       | 06.15           |
| 20 °C       | 05.30           |
| 21 °C       | 05.15           |
| 22 °C       | 05.00           |
| 24 °C       | 04.30           |

|               |              |                  |                  |                     |                   |                   |                 |                 |                  |
|---------------|--------------|------------------|------------------|---------------------|-------------------|-------------------|-----------------|-----------------|------------------|
| <b>ILFORD</b> | ID-11<br>pur | Microphen<br>pur | Perceptol<br>pur | Ifotec LC29<br>1+19 | Ifotec DDX<br>1+4 | Ifotec HC<br>1+31 | Ifosol-S<br>1+9 | Ifosol-3<br>1+9 | Ifosol-3<br>1+14 |
| 18 °C         | 07.45        | 07.00            | 12.00            | 06.45               | 07.00             | 06.45             | 07.15           | 06.15           | 13.30            |
| 20 °C         | 07.00        | 06.00            | 11.00            | 06.00               | 06.00             | 06.00             | 06.30           | 06.00           | 11.00            |
| 21 °C         | 06.45        | 05.45            | 10.45            | 05.45               | 05.45             | 05.45             | 06.15           | 06.00           | 10.00            |
| 22 °C         | 06.30        | 05.30            | 10.15            | 05.45               | 05.30             | 05.45             | 06.00           | 05.45           | 09.15            |
| 24 °C         | 06.00        | 05.00            | 09.30            | 05.00               | 05.00             | 05.00             | 05.30           | 05.30           | 07.00            |

|              |             |                 |            |                    |       |
|--------------|-------------|-----------------|------------|--------------------|-------|
| <b>KODAK</b> | D-76<br>pur | TMAX-dev<br>1+4 | Microdol-X | HC-110<br>(B) 1+31 | XTOL  |
| 18 °C        | 07.45       | 06.15           | 12.00      | 06.45              | 05.45 |
| 20 °C        | 07.00       | 05.30           | 10.00      | 06.00              | 05.00 |
| 21 °C        | 06.45       | 05.15           | 09.30      | 05.45              | 04.45 |
| 22 °C        | 06.30       | 05.00           | 08.30      | 05.45              | 04.30 |
| 24 °C        | 06.00       | 04.30           | 07.00      | 05.00              | 04.00 |

|                 |                    |                    |                    |
|-----------------|--------------------|--------------------|--------------------|
| <b>SPURSINN</b> | SAM classic<br>1+5 | SAM classic<br>1+7 | SAM classic<br>1+9 |
| 18 °C           | 09.45              | 12.45              | 17.15              |
| 20 °C           | 08.00              | 10.15              | 14.00              |
| 21 °C           | 07.15              | 09.15              | 12.30              |
| 22 °C           | 06.30              | 08.15              | 11.15              |
| 24 °C           | 05.30              | 07.00              | 09.45              |

### Iford Delta-3200 à EI 800/30°

|             |                |                |
|-------------|----------------|----------------|
| <b>ADOX</b> | Adonal<br>1+25 | ADX-II<br>1+24 |
| 18 °C       | 08.00          | 18.15          |
| 20 °C       | 07.00          | 16.00          |
| 21 °C       | 06.45          | 15.15          |
| 22 °C       | 06.15          | 14.15          |

|             |                 |       |
|-------------|-----------------|-------|
| 24 °C       | 05.45           | 13.00 |
| <b>AGFA</b> | Rodinal<br>1+25 |       |
| 18 °C       | 08.00           |       |
| 20 °C       | 07.00           |       |
| 21 °C       | 06.45           |       |
| 22 °C       | 06.15           |       |
| 24 °C       | 05.45           |       |

|                |              |              |               |               |
|----------------|--------------|--------------|---------------|---------------|
| <b>AMALOCO</b> | AM-74<br>1+7 | AM-74<br>1+9 | AM-74<br>1+15 | AM-74<br>1+19 |
| 18 °C          | 08.30        | 09.15        | 11.00         | 17.00         |
| 20 °C          | 07.00        | 07.40        | 09.05         | 14.00         |
| 21 °C          | 06.45        | 07.30        | 08.45         | 13.30         |
| 22 °C          | 06.30        | 07.00        | 08.15         | 12.45         |
| 24 °C          | 05.00        | 05.30        | 06.30         | 10.00         |

|                |                 |
|----------------|-----------------|
| <b>BERGGER</b> | BerSpeed<br>1+1 |
| 18 °C          | 16.45           |
| 20 °C          | 14.00           |
| 21 °C          | 12.50           |
| 22 °C          | 11.45           |
| 24 °C          | 10.15           |

|             |                 |
|-------------|-----------------|
| <b>FOMA</b> | R09 New<br>1+25 |
| 18 °C       | 08.00           |
| 20 °C       | 07.00           |
| 21 °C       | 06.45           |
| 22 °C       | 06.15           |
| 24 °C       | 05.45           |

|               |              |                  |                  |                     |                   |                   |                 |                 |                  |
|---------------|--------------|------------------|------------------|---------------------|-------------------|-------------------|-----------------|-----------------|------------------|
| <b>ILFORD</b> | ID-11<br>pur | Microphen<br>pur | Perceptol<br>pur | Ifotec LC29<br>1+19 | Ifotec DDX<br>1+4 | Ifotec HC<br>1+31 | Ifosol-S<br>1+9 | Ifosol-3<br>1+9 | Ifosol-3<br>1+14 |
| 18 °C         | 08.45        | 08.15            | 14.30            | 08.30               | 08.15             | 08.30             | 09.00           | 07.45           | 16.15            |
| 20 °C         | 08.00        | 07.00            | 13.00            | 07.30               | 07.00             | 07.30             | 08.00           | 07.30           | 13.00            |
| 21 °C         | 07.45        | 06.30            | 12.30            | 07.15               | 06.30             | 07.15             | 07.45           | 07.30           | 11.45            |
| 22 °C         | 07.45        | 06.15            | 11.45            | 06.45               | 06.15             | 06.45             | 07.30           | 07.30           | 10.45            |
| 24 °C         | 07.00        | 05.00            | 10.30            | 06.00               | 05.00             | 06.00             | 06.30           | 07.00           | 08.00            |

|              |             |                 |            |                    |       |
|--------------|-------------|-----------------|------------|--------------------|-------|
| <b>KODAK</b> | D-76<br>pur | TMAX-dev<br>1+4 | Microdol-X | HC-110<br>(B) 1+31 | XTOL  |
| 18 °C        | 08.45       | 07.15           | 13.45      | 08.30              | 06.15 |
| 20 °C        | 08.00       | 06.30           | 11.30      | 07.30              | 06.00 |
| 21 °C        | 07.45       | 06.15           | 10.45      | 07.15              | 06.00 |
| 22 °C        | 07.45       | 06.00           | 10.00      | 06.45              | 05.45 |
| 24 °C        | 07.00       | 05.30           | 08.00      | 06.00              | 05.30 |

|             |            |             |
|-------------|------------|-------------|
| <b>SPUR</b> | HRX<br>1+8 | UFP<br>1+15 |
| 18 °C       | 17.00      | 14.45       |
| 20 °C       | 15.00      | 13.00       |
| 21 °C       | 14.15      | 12.15       |
| 22 °C       | 13.15      | 11.30       |

|                 |                    |                    |
|-----------------|--------------------|--------------------|
| 24 °C           | 12.00              | 10.30              |
| <b>SPURSINN</b> | SAM classic<br>1+5 | SAM classic<br>1+7 |
| 18 °C           | 12.30              | 16.00              |
| 20 °C           | 10.00              | 13.00              |
| 21 °C           | 09.00              | 11.30              |
| 22 °C           | 08.00              | 10.30              |
| 24 °C           | 07.00              | 09.00              |

**Iflord Delta-3200 à EI 1000/31°**

|             |            |
|-------------|------------|
| <b>SPUR</b> | NHC<br>1+9 |
| 18 °C       | 12.30      |
| 20 °C       | 11.00      |
| 21 °C       | 10.30      |
| 22 °C       | 09.45      |
| 24 °C       | 09.00      |

**Iflord Delta-3200 à EI 1600/33°**

|             |                |              |
|-------------|----------------|--------------|
| <b>ADOX</b> | Adonal<br>1+25 | FX-39<br>1+5 |
| 18 °C       | 11.15          | 11.15        |
| 20 °C       | 09.00          | 09.00        |
| 21 °C       | 08.15          | 08.15        |
| 22 °C       | 07.15          | 07.15        |
| 24 °C       | 05.30          | 05.30        |

|             |                 |
|-------------|-----------------|
| <b>AGFA</b> | Rodinal<br>1+25 |
| 18 °C       | 11.15           |
| 20 °C       | 09.00           |
| 21 °C       | 08.15           |
| 22 °C       | 07.15           |
| 24 °C       | 05.30           |

|                |              |              |               |               |
|----------------|--------------|--------------|---------------|---------------|
| <b>AMALOCO</b> | AM-74<br>1+7 | AM-74<br>1+9 | AM-74<br>1+15 | AM-74<br>1+19 |
| 18 °C          | 11.30        | 12.45        | 15.00         | 23.00         |
| 20 °C          | 09.30        | 10.30        | 12.20         | 19.00         |
| 21 °C          | 09.15        | 10.00        | 11.45         | 18.15         |
| 22 °C          | 08.45        | 09.30        | 11.15         | 17.15         |
| 24 °C          | 06.45        | 07.30        | 08.45         | 13.30         |

|                |                 |
|----------------|-----------------|
| <b>BERGGER</b> | BerSpeed<br>1+1 |
| 18 °C          | 18.45           |
| 20 °C          | 16.00           |
| 21 °C          | 14.45           |
| 22 °C          | 13.40           |
| 24 °C          | 11.50           |

|             |                 |
|-------------|-----------------|
| <b>FOMA</b> | R09 New<br>1+25 |
| 18 °C       | 11.15           |
| 20 °C       | 09.00           |

|       |       |
|-------|-------|
| 21 °C | 08.15 |
| 22 °C | 07.15 |
| 24 °C | 05.30 |

| ILFORD | ID-11 pur | Microphen pur | Microphen 1+1 | Perceptol pur | Ilfotec LC29 1+9 | Ilfotec LC29 1+19 | Ilfotec DDX 1+4 | Ilfotec HC 1+15 | Ilfotec HC 1+31 | Ilfosol-S 1+9 | Ilfosol-3 1+9 |
|--------|-----------|---------------|---------------|---------------|------------------|-------------------|-----------------|-----------------|-----------------|---------------|---------------|
| 18 °C  | 10.30     | 09.15         | 15.15         | 16.45         | 05.45            | 10.15             | 09.15           | 05.45           | 10.15           | 12.00         | 11.15         |
| 20 °C  | 09.30     | 08.00         | 13.30         | 15.00         | 05.00            | 09.00             | 08.00           | 05.00           | 09.00           | 10.30         | 10.00         |
| 21 °C  | 09.15     | 07.45         | 12.45         | 14.15         | 04.45            | 08.30             | 07.45           | 04.45           | 08.30           | 10.00         | 09.30         |
| 22 °C  | 08.45     | 07.15         | 12.00         | 13.30         | 04.30            | 08.00             | 07.15           | 04.30           | 08.00           | 09.15         | 09.00         |
| 24 °C  | 08.00     | 06.00         | 11.00         | 12.00         | 04.00            | 07.00             | 06.00           | 04.00           | 07.00           | 08.00         | 08.00         |

|         |                |
|---------|----------------|
| (suite) | Ilfosol-3 1+14 |
| 18 °C   | 18.15          |
| 20 °C   | 15.30          |
| 21 °C   | 14.30          |
| 22 °C   | 13.15          |
| 24 °C   | 11.00          |

| KODAK | D-76 pur | TMAX-dev 1+4 | Microdol-X | HC-110 (A) 1+15 | HC-110 (B) 1+31 | XTOL  |
|-------|----------|--------------|------------|-----------------|-----------------|-------|
| 18 °C | 10.30    | 08.15        | 15.30      | 05.45           | 10.15           | 06.45 |
| 20 °C | 09.30    | 07.30        | 13.00      | 05.00           | 09.00           | 06.30 |
| 21 °C | 09.15    | 07.30        | 12.00      | 04.45           | 08.30           | 06.30 |
| 22 °C | 08.45    | 07.00        | 11.15      | 04.30           | 08.00           | 06.15 |
| 24 °C | 08.00    | 06.30        | 09.00      | 04.00           | 07.00           | 06.00 |

| PATERSON | FX-39 1+5 |
|----------|-----------|
| 18 °C    | 11.15     |
| 20 °C    | 09.00     |
| 21 °C    | 08.15     |
| 22 °C    | 07.15     |
| 24 °C    | 05.30     |

| ROLLEI | RLS 1+4 |
|--------|---------|
| 18 °C  | -       |
| 20 °C  | -       |
| 21 °C  | -       |
| 22 °C  | -       |
| 24 °C  | 18.00   |

| SPURSINN | SAM classic 1+5 | SAM classic 1+7 |
|----------|-----------------|-----------------|
| 18 °C    | 16.00           | 21.00           |
| 20 °C    | 13.00           | 17.00           |
| 21 °C    | 11.30           | 15.15           |
| 22 °C    | 10.30           | 13.45           |
| 24 °C    | 09.00           | 11.45           |

**Ilford Delta-3200 à EI 3200/36°**

ISO : l'indice d'exposition donné par Ilford pour le film Delta-3200 correspond une plage d'exposition pour laquelle le film a été optimisé. Sa sensibilité nominale est de ISO 1000.

|             |                |              |
|-------------|----------------|--------------|
| <b>ADOX</b> | Adonal<br>1+25 | FX-39<br>1+5 |
| 18 °C       | 13.15          | 13.45        |
| 20 °C       | 11.00          | 11.00        |
| 21 °C       | 10.15          | 10.00        |
| 22 °C       | 09.15          | 09.00        |
| 24 °C       | 07.30          | 06.30        |

|             |                 |
|-------------|-----------------|
| <b>AGFA</b> | Rodinal<br>1+25 |
| 18 °C       | 13.15           |
| 20 °C       | 11.00           |
| 21 °C       | 10.15           |
| 22 °C       | 09.15           |
| 24 °C       | 07.30           |

|                |              |              |               |               |
|----------------|--------------|--------------|---------------|---------------|
| <b>AMALOCO</b> | AM-74<br>1+7 | AM-74<br>1+9 | AM-74<br>1+15 | AM-74<br>1+19 |
| 18 °C          | 12.45        | 14.00        | 16.30         | 25.15         |
| 20 °C          | 10.30        | 11.35        | 13.40         | 21.00         |
| 21 °C          | 10.00        | 11.00        | 13.00         | 20.00         |
| 22 °C          | 09.30        | 10.30        | 12.30         | 19.00         |
| 24 °C          | 07.30        | 08.15        | 09.45         | 14.45         |

|                       |            |
|-----------------------|------------|
| <b>ARS-<br/>IMAGO</b> | FD<br>1+19 |
| 18 °C                 | -          |
| 20 °C                 | 08.00      |
| 21 °C                 | -          |
| 22 °C                 | -          |
| 24 °C                 | -          |

|                |                 |
|----------------|-----------------|
| <b>BERGGER</b> | BerSpeed<br>1+1 |
| 18 °C          | 21.15           |
| 20 °C          | 18.00           |
| 21 °C          | 16.30           |
| 22 °C          | 15.15           |
| 24 °C          | 13.00           |

|                |                 |
|----------------|-----------------|
| <b>CLAYTON</b> | F76 plus<br>1+9 |
| 18 °C          | 11.30           |
| 20 °C          | 10.00           |
| 21 °C          | 09.30           |
| 22 °C          | 09.00           |
| 24 °C          | 08.00           |

|             |                 |                   |                  |
|-------------|-----------------|-------------------|------------------|
| <b>FOMA</b> | R09 New<br>1+25 | Foma Excel<br>pur | Fomadon P<br>pur |
| 18 °C       | 13.15           | 09.15             | 21.30            |
| 20 °C       | 11.00           | 08.00             | 19.00            |
| 21 °C       | 10.15           | 07.45             | 18.00            |
| 22 °C       | 09.15           | 07.15             | 16.45            |
| 24 °C       | 07.30           | 06.30             | 15.15            |

| ILFORD | ID-11 pur | Microphen pur | Perceptol pur | Ifotec LC29 1+9 | Ifotec LC29 1+19 | Ifotec DDX 1+4 | Ifotec HC 1+15 | Ifotec HC 1+31 | Ifosol-S 1+9 | Ifosol-3 1+9 | Ifosol-3 1+14 |
|--------|-----------|---------------|---------------|-----------------|------------------|----------------|----------------|----------------|--------------|--------------|---------------|
| 18 °C  | 11.30     | 10.15         | 19.15         | 09.45           | 17.00            | 11.00          | 09.45          | 17.00          | 14.30        | 12.15        | 20.45         |
| 20 °C  | 10.30     | 09.00         | 18.00         | 08.00           | 14.30            | 09.30          | 08.00          | 14.30          | 13.00        | 11.00        | 17.00         |
| 21 °C  | 10.15     | 08.30         | 17.30         | 07.30           | 13.30            | 09.00          | 07.30          | 13.30          | 12.30        | 10.30        | 15.30         |
| 22 °C  | 09.45     | 08.00         | 16.45         | 06.45           | 12.30            | 08.15          | 06.45          | 12.30          | 11.45        | 10.00        | 14.00         |
| 24 °C  | 09.00     | 07.00         | 15.30         | 05.30           | 10.30            | 07.00          | 05.30          | 10.30          | 10.30        | 09.00        | 11.00         |

| KODAK | D-76 pur | TMAX-dev 1+4 | Microdol-X | HC-110 (A) 1+15 | HC-110 (B) 1+31 | XTOL  |
|-------|----------|--------------|------------|-----------------|-----------------|-------|
| 18 °C | 11.30    | 09.00        | 21.45      | 09.45           | 17.00           | 07.45 |
| 20 °C | 10.30    | 08.30        | 18.00      | 08.00           | 14.30           | 07.30 |
| 21 °C | 10.15    | 08.15        | 16.45      | 07.30           | 13.30           | 07.30 |
| 22 °C | 09.45    | 08.00        | 15.00      | 06.45           | 12.30           | 07.30 |
| 24 °C | 09.00    | 07.30        | 12.00      | 05.30           | 10.30           | 07.00 |

| PATERSON | Aculux3 1+5 | FX-39 1+5 |
|----------|-------------|-----------|
| 18 °C    | 16.15       | 13.45     |
| 20 °C    | 13.00       | 11.00     |
| 21 °C    | 11.45       | 10.00     |
| 22 °C    | 10.30       | 09.00     |
| 24 °C    | 08.00       | 06.30     |

| ROLLEI | Supergrain 1+9 | Supergrain 1+12 | Supergrain 1+15 |
|--------|----------------|-----------------|-----------------|
| 18 °C  | 11.30          | 13.45           | 16.00           |
| 20 °C  | 10.00          | 12.00           | 14.00           |
| 21 °C  | 09.30          | 11.30           | 13.15           |
| 22 °C  | 09.00          | 10.45           | 12.30           |
| 24 °C  | 08.00          | 09.45           | 11.15           |

| SPURSINN | SAM classic 1+5 | SAM classic 1+7 |
|----------|-----------------|-----------------|
| 18 °C    | 19.45           | 27.15           |
| 20 °C    | 16.00           | 22.00           |
| 21 °C    | 14.30           | 19.45           |
| 22 °C    | 13.00           | 17.45           |
| 24 °C    | 11.00           | 15.15           |

| TETENAL | Ultrafin T-plu s 1+4 | Paranol S 1+25 |
|---------|----------------------|----------------|
| 18 °C   | 15.00                | 27.45          |
| 20 °C   | 12.30                | 23.00          |
| 21 °C   | 11.30                | 21.15          |
| 22 °C   | 10.45                | 19.45          |
| 24 °C   | 09.30                | 17.15          |

**Iford Delta-3200 à EI 6400/39°**

| ADOX  | Adonal 1+25 | FX-39 1+5 |
|-------|-------------|-----------|
| 18 °C | 23.00       | 16.15     |
| 20 °C | 20.00       | 13.00     |
| 21 °C | 19.00       | 11.45     |
| 22 °C | 17.45       | 10.30     |

|             |                 |       |
|-------------|-----------------|-------|
| 24 °C       | 15.00           | 08.00 |
| <b>AGFA</b> | Rodinal<br>1+25 |       |
| 18 °C       | 23.00           |       |
| 20 °C       | 20.00           |       |
| 21 °C       | 19.00           |       |
| 22 °C       | 17.45           |       |
| 24 °C       | 15.00           |       |

|                |              |              |               |               |
|----------------|--------------|--------------|---------------|---------------|
| <b>AMALOCO</b> | AM-74<br>1+7 | AM-74<br>1+9 | AM-74<br>1+15 | AM-74<br>1+19 |
| 18 °C          | 15.45        | 17.15        | 20.30         | 31.15         |
| 20 °C          | 13.00        | 14.15        | 17.00         | 26.00         |
| 21 °C          | 12.30        | 13.45        | 16.15         | 24.45         |
| 22 °C          | 11.45        | 13.00        | 15.30         | 23.30         |
| 24 °C          | 09.15        | 10.00        | 12.00         | 18.15         |

|             |                 |
|-------------|-----------------|
| <b>FOMA</b> | R09 New<br>1+25 |
| 18 °C       | 23.00           |
| 20 °C       | 20.00           |
| 21 °C       | 19.00           |
| 22 °C       | 17.45           |
| 24 °C       | 15.00           |

|               |              |                  |                     |                    |                    |                  |                   |
|---------------|--------------|------------------|---------------------|--------------------|--------------------|------------------|-------------------|
| <b>ILFORD</b> | ID-11<br>pur | Microphen<br>pur | Ilfotec LC29<br>1+9 | Ilfotec DDX<br>1+4 | Ilfotec HC<br>1+15 | Ilfosol-3<br>1+9 | Ilfosol-3<br>1+14 |
| 18 °C         | 14.15        | 13.30            | 15.45               | 14.30              | 15.45              | 19.15            | 25.30             |
| 20 °C         | 13.00        | 12.00            | 13.00               | 12.30              | 13.00              | 18.00            | 23.00             |
| 21 °C         | 12.30        | 11.30            | 12.00               | 11.45              | 12.00              | 17.30            | 22.15             |
| 22 °C         | 12.00        | 11.00            | 11.00               | 10.45              | 11.00              | 16.45            | 21.00             |
| 24 °C         | 11.00        | 09.30            | 08.30               | 09.00              | 08.30              | 15.30            | 19.00             |

|              |             |                 |                    |       |
|--------------|-------------|-----------------|--------------------|-------|
| <b>KODAK</b> | D-76<br>pur | TMAX-dev<br>1+4 | HC-110<br>(A) 1+15 | XTOL  |
| 18 °C        | 14.15       | 12.00           | 15.45              | 10.30 |
| 20 °C        | 13.00       | 11.00           | 13.00              | 10.00 |
| 21 °C        | 12.30       | 10.45           | 12.00              | 10.00 |
| 22 °C        | 12.00       | 10.15           | 11.00              | 09.30 |
| 24 °C        | 11.00       | 09.30           | 08.30              | 09.00 |

|                 |              |
|-----------------|--------------|
| <b>PATERSON</b> | FX-39<br>1+5 |
| 18 °C           | 16.15        |
| 20 °C           | 13.00        |
| 21 °C           | 11.45        |
| 22 °C           | 10.30        |
| 24 °C           | 08.00        |

|                 |                    |                    |
|-----------------|--------------------|--------------------|
| <b>SPURSINN</b> | SAM classic<br>1+5 | SAM classic<br>1+7 |
| 18 °C           | 26.00              | 34.30              |
| 20 °C           | 21.00              | 28.00              |
| 21 °C           | 19.00              | 25.15              |
| 22 °C           | 17.00              | 22.45              |

|       |       |       |
|-------|-------|-------|
| 24 °C | 14.30 | 19.15 |
|-------|-------|-------|

**Iford Delta-3200 à EI 12500/42°**

*NOTE : Utilisation possible à 12500/42 ; ces temps sont donnés par Iford, bien que cela soit au-delà de l'indice d'exposition maximal conseillé.*

|             |              |
|-------------|--------------|
| <b>ADOX</b> | FX-39<br>1+5 |
| 18 °C       | 18.45        |
| 20 °C       | 15.00        |
| 21 °C       | 13.30        |
| 22 °C       | 12.00        |
| 24 °C       | 09.00        |

|               |              |                  |                   |
|---------------|--------------|------------------|-------------------|
| <b>ILFORD</b> | ID-11<br>pur | Microphen<br>pur | Ifotec DDX<br>1+4 |
| 18 °C         | 19.00        | 18.15            | 20.00             |
| 20 °C         | 17.00        | 16.30            | 17.00             |
| 21 °C         | 16.15        | 15.45            | 16.00             |
| 22 °C         | 15.30        | 15.00            | 14.30             |
| 24 °C         | 13.30        | 13.30            | 12.00             |

|              |             |                 |       |
|--------------|-------------|-----------------|-------|
| <b>KODAK</b> | D-76<br>pur | TMAX-dev<br>1+4 | XTOL  |
| 18 °C        | 19.00       | 14.45           | 13.15 |
| 20 °C        | 17.00       | 14.00           | 12.30 |
| 21 °C        | 16.15       | 13.45           | 12.15 |
| 22 °C        | 15.30       | 13.30           | 11.45 |
| 24 °C        | 13.30       | 13.00           | 11.00 |

|                 |              |
|-----------------|--------------|
| <b>PATERSON</b> | FX-39<br>1+5 |
| 18 °C           | 18.45        |
| 20 °C           | 15.00        |
| 21 °C           | 13.30        |
| 22 °C           | 12.00        |
| 24 °C           | 09.00        |

|                 |                    |
|-----------------|--------------------|
| <b>SPURSINN</b> | SAM classic<br>1+5 |
| 18 °C           | 33.15              |
| 20 °C           | 27.00              |
| 21 °C           | 24.15              |
| 22 °C           | 21.45              |
| 24 °C           | 18.30              |

**Iford Delta-3200 à EI 25000/45°**

*NOTE : En cas de sous-exposition ; proposé mais déconseillé par Iford.*

|               |                  |                   |
|---------------|------------------|-------------------|
| <b>ILFORD</b> | Microphen<br>pur | Ifotec DDX<br>1+4 |
| 18 °C         | 24.30            | 29.45             |
| 20 °C         | 22.00            | 25.00             |
| 21 °C         | 21.00            | 23.00             |
| 22 °C         | 20.00            | 21.00             |
| 24 °C         | 17.30            | 17.00             |

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Les marques utilisées dans cette page sont des marques déposées appartenant à leurs fabricants respectifs  
Tables mises à jour le 26 décembre 2024

LÉGENDE :

**noir** : temps 20° C donnés par les fabricants

**bleu** : temps "pirate-photo.fr"

**vert** : temps autres températures que 20° C modifiés par coefficient

**or** : temps autres températures que 20° C donnés par les fabricants