



Iford PAN-F à EI 40/17°

MOERSCH	Finol 1+1+50	Finol 1+1+75	Finol 1+1+100	Tanol 1+1+100	Tanol Speed 1+1+100						
24 °C			08.30		cf 20 °C						





**Ilford FP4 à EI 50/18°**

<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+9	Ilfotec LC29 1+19
24 °C	05.15	06.30	13.45				07.15	10.30	13.45		05.00
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
24 °C	06.30	06.30		05.00	03.45	06.00					
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	05.00	07.15	11.15				08.00		13.45		05.00
<b>PATERSON</b>	Acutol 1+9	Acutol 1+10	Aculux3 1+5	Aculux3 1+9	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19			
24 °C		05.45									
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
24 °C				10.00							
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
24 °C			08.30								
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C		07.00	08.45								

**Ilford FP4 à EI 80/20°**

<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
24 °C				08.00							
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C	06.15	08.15									

**Ilford FP4 à EI 100/21°**

<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C						cf 21 °C					
<b>ILFORD</b>	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
24 °C							03.15	05.45			
<b>MOERSCH</b>	Finol 1+1+50	Finol 1+1+75	Finol 1+1+100	Tanol 1+1+100	Tanol Speed 1+1+100						
24 °C				11.30							
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
24 °C				20.30							
(suite)	UFP 1+15	UFP 1+17	UFP 1+20	UFP 1+24	UFP 1+30	UFP 1+40	NHC 1+9	NHC 1+12	NHC 1+15	NHC 1+20	NHC 1+29
24 °C				05.45							
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C	06.45	08.45	10.45								

**Ilford FP4 à EI 125/22°**

<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		07.15	12.00					05.15			





### Ilford FP4 à EI 400/27°

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

<b>AMALOCO</b>					AM-74 1+7	AM-74 1+9	AM-74 1+15	AM-74 1+19			
24 °C					<b>03.30</b>	<b>04.00</b>	<b>04.45</b>	<b>07.00</b>			
<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
24 °C		<b>cf 20 °C</b>									
<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+9	Ifotec LC29 1+19
24 °C				<b>13.00</b>							
<b>KODAK</b>	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
24 °C						<b>05.15</b>					

### Ilford HP5 - 24 °C

NOTE : Dans sa notice du film HP5 plus, Ilford donne certains temps différents entre l'ID-11 et le D-76.

#### Ilford HP5 à EI 100/21°

NOTE : En cas de sur-exposition ; déconseillé par Ilford, proposé comme dépannage ou secours.

<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+9	Ifotec LC29 1+19
24 °C							<b>07.15</b>				
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C		-	<b>05.15</b>								

#### Ilford HP5 à EI 200/24°

NOTE : En cas de sur-exposition ; déconseillé par Ilford, proposé comme dépannage ou secours.

<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
24 °C		<b>cf 20 °C</b>									
<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
24 °C				<b>10.00</b>							
<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+9	Ifotec LC29 1+19
24 °C							<b>09.00</b>				
<b>MOERSCH</b>	Finol 1+1+50	Finol 1+1+75	Finol 1+1+100	Tanol 1+1+100	Tanol Speed 1+1+100						
24 °C				<b>11.00</b>							
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
24 °C				<b>14.00</b>							
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
24 °C		<b>09.45</b>		<b>25.30</b>							
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C	-	<b>05.15</b>	<b>06.15</b>								

**Iford HP5 à EI 250/25°**

<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+9	Ifotec LC29 1+19
24 °C							10.30				
<b>MOERSCH</b>	Finol 1+1+50	Finol 1+1+75	Finol 1+1+100	Tanol 1+1+100	Tanol Speed 1+1+100						
24 °C		09.30			10.30						

**Iford HP5 à EI 320/26°**

<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+9	Ifotec LC29 1+19
24 °C								14.30	20.00		

**Iford HP5 à EI 400/27°**

<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		05.00	09.00					06.30			
(suite)	Silvermax 1+17	Silvermax 1+19	Silvermax 1+24	Silvermax 1+29	Silvermax 1+30	Silvermax 1+100	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19	
24 °C								05.30			
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C	05.00	05.00	09.00		03.15		03.15				
<b>AMALOCO</b>					AM-74 1+7	AM-74 1+9	AM-74 1+15	AM-74 1+19			
24 °C					03.30	04.00	04.45	07.00			
<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
24 °C		cf 20 °C									
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C	03.45										
<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
24 °C		08.45									
<b>CLAYTON</b>	F60 1+9	F60 1+14	F60 1+19	F76 plus 1+9	F76 plus 1+14	F76 plus 1+19					
24 °C	06.00			06.00							
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
24 °C		05.00	09.00			07.45					09.45
(suite)	Fomadon P 1+1		Retro Special pur								
24 °C	13.00										
<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	Ifotec LC29 1+9	Ifotec LC29 1+19
24 °C	06.00	10.30	16.00	05.15	09.45	18.30				-	05.15
(suite)	Ifotec LC29 1+29	Ifotec DDX 1+4	Ifotec HC 1+15	Ifotec HC 1+31	Ifosol-S 1+9	Ifosol-S 1+14	Ifosol-3 1+9	Ifosol-3 1+14			
24 °C	07.15	07.15	-	05.15	05.45	07.45	05.15	09.00			
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	06.00	10.30	17.45	05.15						-	04.00
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
24 °C	06.30	09.45				05.00					

<b>PATERSON</b>	Acutol 1+9	Acutol 1+10	Aculux3 1+5	Aculux3 1+9	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19			
<b>24 °C</b>		<b>05.45</b>		<b>08.00</b>		<b>05.30</b>					
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
<b>24 °C</b>							<b>05.00</b>	<b>05.15</b>	<b>05.45</b>		
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
<b>24 °C</b>										<b>09.00</b>	
(suite)	UFP 1+15	UFP 1+17	UFP 1+20	UFP 1+24	UFP 1+30	UFP 1+40	NHC 1+9	NHC 1+12	NHC 1+15	NHC 1+20	NHC 1+29
<b>24 °C</b>				<b>07.15</b>							
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
<b>24 °C</b>	-	<b>06.15</b>	<b>08.30</b>								
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plu s 1+4	Emofin		Neofin Blau 1+16	
<b>24 °C</b>	<b>05.45</b>	<b>12.00</b>			<b>05.15</b>		<b>07.00</b>				
(suite)	Paranol S 1+25	Paranol S 1+50									
<b>24 °C</b>	<b>08.15</b>	<b>18.45</b>									

**Iford HP5 à EI 500/28°**

<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
<b>24 °C</b>		<b>cf 21 °C</b>									

**Iford HP5 à EI 640/29°**

<b>ADOX</b>	Silvermax 1+17	Silvermax 1+19	Silvermax 1+24	Silvermax 1+29	Silvermax 1+30	Silvermax 1+100	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19	
<b>24 °C</b>		<b>08.00</b>									
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
<b>24 °C</b>				<b>cf 21 °C</b>							

Ilford HP5 à EI 800/30°											
<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		06.30									
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C	07.00	06.30									
<b>AMALOCO</b>					AM-74 1+7	AM-74 1+9	AM-74 1+15	AM-74 1+19			
24 °C					05.00	05.30	06.30	10.00			
<b>ARS- IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
24 °C		cf 20 °C									
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C	05.15	cf 21 °C		cf 21 °C		cf 21 °C					
<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
24 °C		12.15									
<b>CLAYTON</b>	F60 1+9	F60 1+14	F60 1+19	F76 plus 1+9	F76 plus 1+14	F76 plus 1+19					
24 °C	12.00					12.00					
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
24 °C		06.30									
<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	Ilfotec LC29 1+9	Ilfotec LC29 1+19
24 °C	08.30	13.15		06.30	12.00					04.00	07.45
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
24 °C		08.00	04.00	07.45	07.00	11.15	11.00	15.45			
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	07.45	12.30		06.30						03.00	06.00
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
24 °C	09.00	13.45									
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C	06.15	08.15									
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plu s 1+4	Emofin		Neofin Blau 1+16	
24 °C	07.30				07.30						





Ilford Pan-100 à EI 200/24°											
<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		10.30	16.00								
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C	07.15	10.30	16.00								
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C	05.00										
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
24 °C		10.30	16.00								
<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+9	Ilfotec LC29 1+19
24 °C	07.15	12.00		06.30	09.45	13.00				04.00	07.15
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
24 °C		09.00	04.00	07.15		05.45					
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	07.15	12.00		07.15						04.00	07.15
<b>PATERSON</b>	Acutol 1+9	Acutol 1+10	Aculux3 1+5	Aculux3 1+9	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19			
24 °C		09.45									
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plus 1+4	Emofin		Neofin Blau 1+16	
24 °C	06.45	10.30			06.45						





**Iflord Pan-400 à EI 800/30°**

<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		<b>06.30</b>									
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C	<b>07.15</b>	<b>06.30</b>									
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C	<b>05.45</b>										
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
24 °C		<b>06.30</b>									
<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+9	Ifotec LC29 1+19
24 °C	<b>08.00</b>	<b>13.00</b>		<b>05.45</b>	<b>10.30</b>	<b>19.15</b>				<b>04.00</b>	<b>07.15</b>
(suite)	Ifotec LC29 1+29	Ifotec DDX 1+4	Ifotec HC 1+15	Ifotec HC 1+31	Ifosol-S 1+9	Ifosol-S 1+14	Ifosol-3 1+9	Ifosol-3 1+14			
24 °C		<b>07.15</b>	<b>04.00</b>	<b>07.15</b>	<b>06.30</b>	<b>11.15</b>					
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	<b>08.00</b>	<b>13.00</b>		<b>06.30</b>						<b>04.00</b>	<b>07.15</b>
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plus 1+4	Emofin		Neofin Blau 1+16	
24 °C	<b>07.30</b>										

**Iflord Pan-400 à EI 1600/33°**

<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C	<b>07.15</b>										
<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+9	Ifotec LC29 1+19
24 °C	<b>11.15</b>			<b>09.45</b>						<b>05.45</b>	<b>11.15</b>
(suite)	Ifotec LC29 1+29	Ifotec DDX 1+4	Ifotec HC 1+15	Ifotec HC 1+31	Ifosol-S 1+9	Ifosol-S 1+14	Ifosol-3 1+9	Ifosol-3 1+14			
24 °C		<b>09.45</b>	<b>05.45</b>	<b>11.15</b>	<b>11.15</b>						
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	<b>11.15</b>			<b>07.15</b>						<b>05.45</b>	<b>11.15</b>

**Iflord Pan-400 à EI 3200/36°**

<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+9	Ifotec LC29 1+19
24 °C				<b>13.00</b>						<b>09.00</b>	
(suite)	Ifotec LC29 1+29	Ifotec DDX 1+4	Ifotec HC 1+15	Ifotec HC 1+31	Ifosol-S 1+9	Ifosol-S 1+14	Ifosol-3 1+9	Ifosol-3 1+14			
24 °C		<b>14.30</b>	<b>09.00</b>								

# Ifford Delta-100 - 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 Ifford. Suggestion : utiliser pour les deux révélateurs le temps de l'ID-11 ?*

## Ifford Delta-100 à EI 25/15°

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

<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+9	Ifotec LC29 1+19
24 °C							07.15				

## Ifford Delta-100 à EI 50/18°

<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		05.45	08.00								
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C		05.45	08.00								
<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
24 °C			cf 20 °C								
<b>CLAYTON</b>	F60 1+9	F60 1+14	F60 1+19	F76 plus 1+9	F76 plus 1+14	F76 plus 1+19					
24 °C	05.00			04.30	05.00						
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
24 °C		05.45	08.00								
<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	Ifotec LC29 1+9	Ifotec LC29 1+19
24 °C	05.45	08.00	12.00				09.45	10.30	13.00		04.00
(suite)	Ifotec LC29 1+29	Ifotec DDX 1+4	Ifotec HC 1+15	Ifotec HC 1+31	Ifosol-S 1+9	Ifosol-S 1+14	Ifosol-3 1+9	Ifosol-3 1+14			
24 °C	04.30	07.45		04.00	03.45	05.15					
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	05.45	07.45	11.15	05.00			09.45		13.00		04.00
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
24 °C	05.15										
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
24 °C				12.00							
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
24 °C			08.00								
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C			-								

**Ifford Delta-100 à EI 64/19°**

<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
24 °C				10.00							
<b>MOERSCH</b>	Finol 1+1+50	Finol 1+1+75	Finol 1+1+100	Tanol 1+1+100	Tanol Speed 1+1+100						
24 °C			10.00	07.30							
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
24 °C				20.00							
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C			-								

**Ifford Delta-100 à EI 80/20°**

<b>MOERSCH</b>	Finol 1+1+50	Finol 1+1+75	Finol 1+1+100	Tanol 1+1+100	Tanol Speed 1+1+100						
24 °C					07.00						
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
24 °C											07.00
(suite)	UFP 1+15	UFP 1+17	UFP 1+20	UFP 1+24	UFP 1+30	UFP 1+40	NHC 1+9	NHC 1+12	NHC 1+15	NHC 1+20	NHC 1+29
24 °C					06.30						

**Ifford Delta-100 à EI 100/21°**

<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		07.15	11.15					05.15			
(suite)	Silvermax 1+17	Silvermax 1+19	Silvermax 1+24	Silvermax 1+29	Silvermax 1+30	Silvermax 1+100	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19	
24 °C					06.30			04.15			
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
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			
24 °C					-	03.15	03.45	05.45			
<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
24 °C			cf 20 °C								
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C		cf 21 °C		cf 21 °C		cf 21 °C					
<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
24 °C		07.30									
<b>CLAYTON</b>	F60 1+9	F60 1+14	F60 1+19	F76 plus 1+9	F76 plus 1+14	F76 plus 1+19					
24 °C	05.45			05.15	07.45						
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
24 °C		07.15	11.15						06.30	08.30	07.45
(suite)	Fomadon P 1+1		Retro Special pur								

24 °C	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	Ifotec LC29 1+9	Ifotec LC29 1+19
24 °C	07.00	09.00	16.00	05.15	08.00	11.15	12.00	13.45	17.45		05.00
(suite)	Ifotec LC29 1+29	Ifotec DDX 1+4	Ifotec HC 1+15	Ifotec HC 1+31	Ifosol-S 1+9	Ifosol-S 1+14	Ifosol-3 1+9	Ifosol-3 1+14			
24 °C	06.00	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	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	07.15	09.45	17.45	05.45			12.00		17.45		05.00
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
24 °C	06.00					04.30					
<b>PATERSON</b>	Acutol 1+9	Acutol 1+10	Aculux3 1+5	Aculux3 1+9	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19			
24 °C		13.00		05.30		04.15					
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
24 °C							05.00	05.15	05.45		
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C		-									
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plu s 1+4	Emofin		Neofin Blau 1+16	
24 °C	04.30	07.15	03.45		03.45		05.15				
(suite)	Paranol S 1+25	Paranol S 1+50									
24 °C	10.30	30.00									

**Iford Delta-100 à EI 160/23°**

<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
24 °C			cf 20 °C								

**Ilford Delta-100 à EI 200/24°**

<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C	05.15				06.30		06.30				
<b>AMALOCO</b>					AM-74 1+7	AM-74 1+9	AM-74 1+15	AM-74 1+19			
24 °C					04.15	04.45	05.30	08.30			
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C	04.30										
<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	Ilfotec LC29 1+9	Ilfotec LC29 1+19
24 °C	08.30	10.30		06.30	11.15	16.00					06.30
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
24 °C	08.00	11.15		06.30							
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	09.00	11.15		06.30							06.30
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
24 °C	07.45										
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C		06.00									
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plus 1+4	Emofin		Neofin Blau 1+16	
24 °C	06.00	08.45	05.15		05.15						

**Ilford Delta-100 à EI 400/27°**

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

<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+9	Ilfotec LC29 1+19
24 °C				08.00							

**Ilford Delta-400 - 24 °C**

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

**Ilford Delta-400 à EI 100/21°**

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

<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+9	Ilfotec LC29 1+19
24 °C							06.30				
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C		05.15	06.45								

Ilford Delta-400 à EI 200/24°											
<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		05.00	09.30						05.00		
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C		05.00	09.30						05.00		
<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
24 °C		cf 20 °C									
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C	04.30										
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
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	Ilfotec LC29 1+9	Ilfotec LC29 1+19
24 °C	05.30	08.00	14.00	04.00	07.00	11.30	07.00	09.00	14.30		04.00
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
24 °C	05.30	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	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	05.30	08.00	14.00	04.00			07.30	10.30	15.30		04.00
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
24 °C	04.00	06.30									
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
24 °C				15.00							
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
24 °C		08.30									
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C	05.15	06.45	09.15								
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plu s 1+4	Emofin		Neofin Blau 1+16	
24 °C			05.30	09.00	05.00						

Ilford Delta-400 à EI 250/25°											
<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+9	Ilfotec LC29 1+19
24 °C							09.00				
<b>MOERSCH</b>	Finol 1+1+50	Finol 1+1+75	Finol 1+1+100	Tanol 1+1+100	Tanol Speed 1+1+100						
24 °C				11.45	12.30						
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
24 °C									10.30		

**Ilford Delta-400 à EI 320/26°**

<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
24 °C				13.00							
<b>ILFORD</b>	ID-11 pur	ID-11 1+1	ID-11 1+3	Microphen pur	Microphen 1+1	Microphen 1+3	Perceptol pur	<b>Perceptol 1+1</b>	Perceptol 1+3	Ilfotec LC29 1+9	Ilfotec LC29 1+19
24 °C								11.30			
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	<b>Ilfotec HC 1+15</b>	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
24 °C			cf 21 °C								
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	<b>Microdol-X</b>	<b>Microdol-X 1+1</b>	Microdol-X 1+3	<b>HC-110 (A) 1+15</b>	HC-110 (B) 1+31
24 °C							11.00	13.15		cf 20 °C	

**Ilford Delta-400 à EI 400/27°**

<b>ADOX</b>	Adotech II 1+14	<b>Adonal 1+25</b>	<b>Adonal 1+50</b>	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		07.00	16.00					07.45			
(suite)	Silvermax 1+17	Silvermax 1+19	Silvermax 1+24	Silvermax 1+29	Silvermax 1+30	Silvermax 1+100	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19	
24 °C	08.30							06.00			
<b>AGFA</b>	Refinal	<b>Rodinal 1+25</b>	<b>Rodinal 1+50</b>	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C		07.00	16.00								
<b>AMALOCO</b>					AM-74 1+7	AM-74 1+9	AM-74 1+15	AM-74 1+19			
24 °C					05.15	06.00	07.00	10.30			
<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
24 °C		cf 20 °C									
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C	05.30										
<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
24 °C		08.15									
<b>CLAYTON</b>	F60 1+9	F60 1+14	F60 1+19	F76 plus 1+9	F76 plus 1+14	F76 plus 1+19					
24 °C	06.00			05.45	11.00						
<b>FOMA</b>		<b>R09 New 1+25</b>	<b>R09 New 1+50</b>	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
24 °C		07.00	16.00						05.45	07.45	08.00
(suite)	Fomadon P 1+1		Retro Special pur								
24 °C	11.45										
<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+9	<b>Ilfotec LC29 1+19</b>
24 °C	08.00	11.30	19.30	05.00	09.00	16.00					05.00
(suite)	<b>Ilfotec LC29 1+29</b>	Ilfotec DDX 1+4	Ilfotec HC 1+15	<b>Ilfotec HC 1+31</b>	<b>Ilfosol-S 1+9</b>	<b>Ilfosol-S 1+14</b>	Ilfosol-3 1+9	Ilfosol-3 1+14			
24 °C	07.30	05.30		05.00	07.30	11.30	06.00	08.30			
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	<b>HC-110 (B) 1+31</b>
24 °C	08.00	11.30	19.30	05.00							05.00
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				

24 °C	04.30	08.30									
<b>PATERSON</b>	Acutol 1+9	Acutol 1+10	Aculux3 1+5	Aculux3 1+9	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19			
24 °C				06.30		06.00					
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
24 °C							05.00	05.15	05.45		
<b>SPUR</b>	UFP 1+15	UFP 1+17	UFP 1+20	UFP 1+24	UFP 1+30	UFP 1+40	NHC 1+9	NHC 1+12	NHC 1+15	NHC 1+20	NHC 1+29
24 °C			08.00								
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C	07.15	09.00	12.30								
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plus 1+4	Emofin		Neofin Blau 1+16	
24 °C			07.00	12.00	06.00		06.15				
(suite)	Paranol S 1+25	Paranol S 1+50									
24 °C	09.00	30.00									

**Iflord Delta-400 à EI 500/28°**

<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C	07.00										
<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	Iflotec LC29 1+9	Iflotec LC29 1+19
24 °C				06.00	11.00	20.00					
(suite)	Iflotec LC29 1+29	Iflotec DDX 1+4	Iflotec HC 1+15	Iflotec HC 1+31	Iflosol-S 1+9	Iflosol-S 1+14	Iflosol-3 1+9	Iflosol-3 1+14			
24 °C		07.00									
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C				05.30							
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
24 °C	06.00	09.30									
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plus 1+4	Emofin		Neofin Blau 1+16	
24 °C			08.00	15.30	08.00						

Ilford Delta-400 à EI 800/30°											
<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		16.00									
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C		16.00									
<b>AMALOCO</b>					AM-74 1+7	AM-74 1+9	AM-74 1+15	AM-74 1+19			
24 °C					07.00	-	09.15	14.00			
<b>ARS- IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
24 °C		cf 20 °C									
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
24 °C	10.30										
<b>CLAYTON</b>	F60 1+9	F60 1+14	F60 1+19	F76 plus 1+9	F76 plus 1+14	F76 plus 1+19					
24 °C	08.00			07.45							
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
24 °C		16.00									
<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+9	Ilfotec LC29 1+19
24 °C	09.00	14.00		06.30	12.00						07.00
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
24 °C	11.00	07.30	04.30	07.00	11.30	14.00	10.30	15.30			
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	09.00	14.00		07.00						04.30	07.00
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
24 °C	07.30	11.30									
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C	09.15	12.00									
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plu s 1+4	Emofin		Neofin Blau 1+16	
24 °C			09.00	17.30	08.30						

**Ilford Delta-400 à EI 1600/33°**

<b>BAK</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10						
24 °C	10.00											
<b>CLAYTON</b>	F60 1+9	F60 1+14	F60 1+19	F76 plus 1+9	F76 plus 1+14	F76 plus 1+19						
24 °C	11.15			10.30								
<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	Ilfotec LC29 1+9	Ilfotec LC29 1+19	
24 °C	11.30	18.00		07.30	15.30							10.00
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14				
24 °C	16.00	09.30	05.30	10.00	19.30							
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31	
24 °C	11.30	18.00		08.30						04.30	07.00	
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96					
24 °C	09.30	14.00										
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9									
24 °C	11.45	15.15										
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plus 1+4	Emofin		Neofin Blau 1+16		
24 °C			11.00		10.00							

**Ilford Delta-400 à EI 3200/36°**

<b>BAK</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10						
24 °C	15.15											
<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+9	Ilfotec LC29 1+19	
24 °C	15.00			10.00								
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14				
24 °C		13.00	08.00									
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31	
24 °C	15.00			11.00						08.00		
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96					
24 °C	12.00	18.00										
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9									
24 °C	14.30	19.00										
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plus 1+4	Emofin		Neofin Blau 1+16		
24 °C			14.30		13.30							



Ilford Delta-3200 à EI 800/30°											
<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		05.45						13.00			
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C		05.45									
<b>AMALOCO</b>					AM-74 1+7	AM-74 1+9	AM-74 1+15	AM-74 1+19			
24 °C					05.00	05.30	06.30	10.00			
<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
24 °C		10.15									
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
24 °C		05.45									
<b>ILFORD</b>	ID-11 pur	ID-11 1+1	ID-11 1+3	<b>Microphen pur</b>	Microphen 1+1	Microphen 1+3	Perceptol pur	Perceptol 1+1	Perceptol 1+3	Ilfotec LC29 1+9	Ilfotec LC29 1+19
24 °C	07.00			05.00			10.30				06.00
(suite)	Ilfotec LC29 1+29	<b>Ilfotec DDX 1+4</b>	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
24 °C		05.00		06.00	06.30		07.00	08.00			
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	07.00			05.30			08.00				06.00
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
24 °C	05.30										
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
24 °C					12.00						
(suite)	UFP 1+15	UFP 1+17	UFP 1+20	UFP 1+24	UFP 1+30	UFP 1+40	NHC 1+9	NHC 1+12	NHC 1+15	NHC 1+20	NHC 1+29
24 °C	10.30										
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
24 °C	07.00	09.00									
Ilford Delta-3200 à EI 1000/31°											
<b>SPUR</b>	UFP 1+15	UFP 1+17	UFP 1+20	UFP 1+24	UFP 1+30	UFP 1+40	NHC 1+9	NHC 1+12	NHC 1+15	NHC 1+20	NHC 1+29
24 °C							09.00				

Ilford Delta-3200 à EI 1600/33°											
<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		05.30									
(suite)	Silvermax 1+17	Silvermax 1+19	Silvermax 1+24	Silvermax 1+29	Silvermax 1+30	Silvermax 1+100	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19	
24 °C							05.30				
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C		05.30									
<b>AMALOCO</b>					AM-74 1+7	AM-74 1+9	AM-74 1+15	AM-74 1+19			
24 °C					06.45	07.30	08.45	13.30			
<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
24 °C		11.50									
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
24 °C		05.30									
<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	Ilfotec LC29 1+9	Ilfotec LC29 1+19
24 °C	08.00			06.00	11.00		12.00			04.00	07.00
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
24 °C		06.00	04.00	07.00	08.00		08.00	11.00			
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
24 °C	08.00			06.30			09.00			04.00	07.00
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
24 °C	06.00										
<b>PATERSON</b>	Acutol 1+9	Acutol 1+10	Aculux3 1+5	Aculux3 1+9	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19			
24 °C					05.30						
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
24 °C				18.00							
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
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>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
24 °C		07.30									
(suite)	Silvermax 1+17	Silvermax 1+19	Silvermax 1+24	Silvermax 1+29	Silvermax 1+30	Silvermax 1+100	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19	
24 °C							06.30				
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
24 °C		07.30									
<b>AMALOCO</b>					AM-74 1+7	AM-74 1+9	AM-74 1+15	AM-74 1+19			









**Iflord SFX-200 à EI 400/27°**

<b>CLAYTON</b>	F60 1+9	F60 1+14	F60 1+19	F76 plus 1+9	F76 plus 1+14	F76 plus 1+19						
24 °C	<b>08.30</b>			<b>08.00</b>	<b>15.00</b>							
<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+9	Ifotec LC29 1+19	
24 °C	<b>11.15</b>			<b>08.30</b>	<b>15.15</b>					<b>05.45</b>	<b>10.30</b>	
(suite)	Ifotec LC29 1+29	Ifotec DDX 1+4	Ifotec HC 1+15	Ifotec HC 1+31	Ifosol-S 1+9	Ifosol-S 1+14	Ifosol-3 1+9	Ifosol-3 1+14				
24 °C		<b>11.15</b>	<b>05.45</b>	<b>10.30</b>	<b>09.15</b>	<b>15.15</b>						
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31	
24 °C	<b>10.00</b>			<b>08.30</b>						<b>05.45</b>	<b>10.30</b>	
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96					
24 °C	<b>09.00</b>											
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9									
24 °C	<b>06.30</b>	<b>08.45</b>										
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plus 1+4	Emofin			Neofin Blau 1+16	
24 °C	<b>09.45</b>											

**Iflord SFX-200 à EI 800/30°**

<b>CLAYTON</b>	F60 1+9	F60 1+14	F60 1+19	F76 plus 1+9	F76 plus 1+14	F76 plus 1+19						
24 °C	<b>10.00</b>			<b>09.15</b>								
<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+9	Ifotec LC29 1+19	
24 °C	<b>14.30</b>			<b>11.45</b>						<b>08.30</b>	<b>15.15</b>	
(suite)	Ifotec LC29 1+29	Ifotec DDX 1+4	Ifotec HC 1+15	Ifotec HC 1+31	Ifosol-S 1+9	Ifosol-S 1+14	Ifosol-3 1+9	Ifosol-3 1+14				
24 °C			<b>08.30</b>	<b>15.15</b>	<b>15.15</b>							
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31	
24 °C	<b>13.15</b>			<b>10.00</b>						<b>08.30</b>	<b>15.15</b>	
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9									
24 °C	<b>08.15</b>											

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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 :

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