ASAHI DYES AND CHEMICALS 株式会社



ASAHIFIX® XP-H

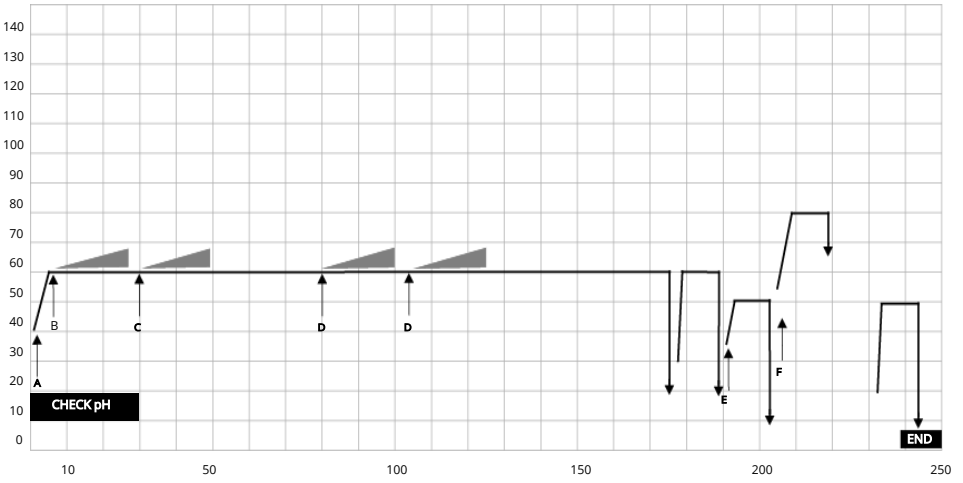
High Light Fast Dyes- Combination Element
for Eathtone & Pastel Shades

			Solubility		Dyeing properties		Fastness properties							
							Light		PLF *(CC)		PF* (CC)		D & CL*	Chlorine
Asahifix®		1/1 SD (%)	Water (30 °C)	Salt Solution 90 g/l (50 °C)	Exhaust	Pad-Batch	ISO 105 B02 (1/6 SD) G6	ISO 105 B02 (1/3 SD) G6	ISO 105 B07(1/6 SD) G4- Acid	ISO 105 B07(1/6 SD) G4- Alkali	ISO 105 E04 (1/1 SD) - Acid	ISO 105 E04 (1/1 SD) - Alkali	ISO 105 C09- CC	JIS L-0884 (20mg)- CC
	ASAHIFIX GOLDEN YELLOW XP-HN	2.70	200	200	◆	◆	5	5-6	4	4	4-5	4-5	4	4
	ASAHIFIX YELLOW XP-NP	3.00	200	200	◆	◆	4-5	4-5	4	4	4-5	4-5	4	4
	ASAHIFIX YELLOW XP-HR	2.00	200	<5	◆	◆	4	4-5	4	4	4-5	4-5	4	4
	ASAHIFIX YELLOW XP-H	2.50	200	200	◆	◆	4	4-5	4	4	4-5	4-5	4	4
	ASAHIFIX RED XP-H	4.70	100	20	◆	◆	5	5	4	3-4	4-5	4-5	4-5	3-4
	ASAHIFIX BLUE XP-H	3.50	200	200	◆	◆	4-5	5	4	3-4	4-5	4-5	4	3-4
	ASAHIFIX MARINE XP	1.70	200	200	◆	◆	2-3	4	3	2-3	4-5	4-5	4-5	4
	ASAHIFIX SCARLET XP-H	2.00	200	154	◆	◆	3	3-4	3-4	3	4-5	4-5	4	4

SD : Standard Depth | PLF* : Perspiration Light Fastness | PF* : Perspiration Fastness | D & CL* : Domestic & Commercial Laundering

CC : Colour Change | G : Grade ◆ : Suitable |◇ : Not Suitable

Dyeing Process



Dyestuff & Chemical Additions			
A	Add Lubricant 0.5-1.0 g/l	D	Dose Soda Ash(25%) Xg/l
A	Add Levelling Agent 0.5-1.0 g/l	D	Dose Soda Ash(75%) Xg/l
A	Add Dye Bath Conditioner 0.5-1.0 g/l	E	Add Acetic Acid Xg/l
B	Dose Glauber's Salt X g/l	F	Add Soaping Agent Xg/l
C	Dose Dyestuffs X%		

Salt and alkali recommendations

Soda ash method								
ASAHIFIX® XP-H	%	< 0.10	0.5	1	2	3	5	≥5
Glauber's Salt	g/l	20	25	40	50	60	70	80
Soda ash	g/l	5	7	10	13	15	20	20

Mixed alkali method								
ASAHIFIX® XP-H	%	< 0.5	0.5	1	2	3	4	≥5
Glauber's Salt	g/l	20	25	40	50	60	70	80
Soda ash	g/l	8	5	5	5	5	5	5
NaOH (50%)	ml/l	0	0.75	0.90	1.20	1.50	2.00	2.00

Notes:
For critical shades it is recommended to do post salt dyeing.

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