

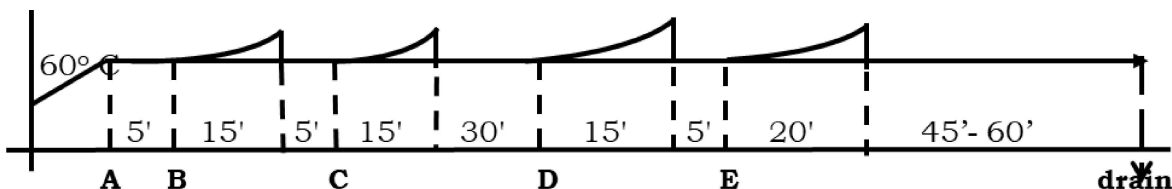
Application details

Exhaust Dyeing of Cotton and Cellulose blends with Yoshireact dyes Salt and Soda ash recommended chart

(% o.w.f)	100% Cotton		Viscose and blends	
	Salt g/l	Soda ash g/l	Salt g/l	Soda ash g/l
0.00 - 0.20	8	8	5	8
0.20 - 0.50	15	10	10	10
0.50 - 1.00	25	15	20	15
1.00 - 1.50	35	20	25	20
1.50 - 2.00	45	20	30	20
2.00 - 3.00	55	20	40	20
3.00 - 4.00	65	20	50	20
4.00 - 5.00	70	20	55	20
Above 5.00	80	20	60	20

Dyeing method

1. Isothermal All 60°C



- A.** Dye bath auxiliaries **B.** Dyes dosing
C. Salt dosing **D.** 1gpl Soda ash dosing
E. Balance quantity of Soda ash dosing

Alkafix® R - Concentrated alkali buffer to replace Soda ash in Reactive dyeing pre-diluted in 2 to 3 portions of water

Recommended Dosage of Alkafix® R	gpl
Medium Shade	1.0 to 1.5
Dark shade	2.0 to 2.5
Extra Dark shade	2.5 to 3.0
Black shade	3.0 to 4.0

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Application details

Note : When dyeing raw cotton, the self consumption of alkali by cotton has to be considered.

The additional quantities of **Alkafix® R** to be used are as follows:

MLR	Dosage gpl
1:5	1.0
1:10	0.75
1:15	0.5

2. Cold Pad Batch Dyeing of Cotton and Cellulose blends with Yoshireact dyes Padding

Ecowet NF	1-2 gpl
Dyes	X gpl
Alkali	As per table

Alkali Recommendation chart

Usage in gpl	Soda Ash	Caustic Lye 50%
Upto 19.0 gpl	20 gpl	-
19.0 gpl to 39.0 gpl	20 gpl	5.0 ml/liter
Above 39.0 gpl	20 gpl	9.0 ml/liter

Batching time 8-16 hours

Padding and batching temperature 20-30°C

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