



HOLLINDIA INTERNATIONAL BV

Holactive BBA  
Reactive Dyes



# HOLACTIVE BBA

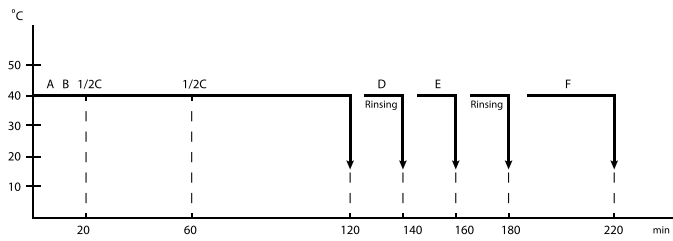
Recommended for the following processes

Cost effective reactive dyeing

Cotton Shade 2%	Product name	Exhaust at 40°C and 60°C	Cold Pad Batch	Cheese yarn dyeing at 40°C
	<b>Lemon Yellow</b>	+	+	+
	<b>Orange</b>	+	+	+
	<b>Red</b>	+	+	+
	<b>Rubine</b>	+	+	+
	<b>Royal Blue</b>	+	+	+
	<b>Navy</b>	+	+	+
	<b>Violet</b>	+	+	+
	<b>Scarlet</b>	+	+	+
	<b>Maroon</b>	+	+	+

Fastness							
Light 1/1 SD		Washing		Perspiration		Bleaching processes	
AATCC 16 E 20 AFU	AATCC 16 E 40 AFU	ISO 105 C03 (at 60°C) CS/SC	ISO 105 C04 (at 95°C) CS/SC	Acidic	Alkaline	Hypochlorite ISO 105 NO1	Peroxide ISO 105 NO2
5 - 6	4	5	4	4	4	1	3 - 4
5 - 6	4	5	4	4	3 - 4	3 - 4	4 - 5
5 - 6	4	5	4	4	3 - 4	3 - 4	3 - 4
4 - 5	3 - 4	5	4	4	4	2 - 3	2 - 3
5 - 6	4	5	4	4	3 - 4	3	4
4 - 5	4	5	4	4 - 5	3 - 4	2	4 - 5
4 - 5	4	4 - 5	3	4 - 5	3 - 4	2	4 - 5
4 - 5	3 - 4	4 - 5	4	4	3 - 4	2	4 - 5
4 - 5	4	4	3 - 4	4 - 5	3 - 4	2 - 3	4 - 5

			Solubility	
Chlorinated water	Rubbing		Water (g/l)	With 50 g/l Glauber's salt at 40°C (g/l)
20 ppm ISO 105 E03	Dry ISO 105 X 12	Wet ISO X 12		
4	4 - 5	4 - 5	100	80
2 - 3	4 - 5	4 - 5	100	80
4 - 5	4 - 5	4 - 5	120	90
4 - 5	4 - 5	4	80	50
3 - 4	4 - 5	4 - 5	100	80
2 - 3	4 - 5	4 - 5	150	80
2 - 3	4 - 5	4	100	60
4 - 5	4	3 - 4	80	60
3	3 - 4	3 - 4	80	50



### Pale - medium shades

**A.** NaCl: X g/l + Holsperse AC: 0.5 g/l

**B.** Dye

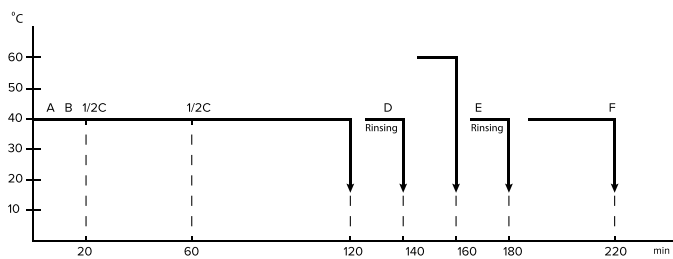
**C.** Soda: 5 g/l

Caustic soda: X g/l linear dosing

**D.** Acetic acid to adjust pH = 6,5

**E.** HOLSPERSE AC: 1 g/l-soaping at 40 °C

**F.** HOLFIFX FF 3%, pH = 5, adjust using acetic acid



### Dark - very dark shades

**A.** NaCl: X g/l + Holsperse AC: 0.5 g/l

**B.** Dye

**C.** Soda: 5 g/l

Caustic soda: X g/l linear dosing

**D.** Acetic acid to adjust pH = 6,5

**E.** HOLSPERSE AC: 1 g/l-soaping at 60 °C

**F.** HOLFIFX FF 3%, pH = 5, adjust using acetic acid

### Salt and Alkali recommendation for reactive dyeing

Product range	Dyestuff conc.	0.5%-1.0%	1%-2%	2%-3%	3%-5%	>5%
<b>HOLACTIVE BBA</b>  (Warm dyeing at 40°C )	Glauber's Salt g/l	25-40	40-50	50-60	60-80	80-100
	<b>Soda - Caustic soda mix alkali system</b>					
	Soda ash g/l	5	5	5	5	5
	Caustic (50%) ml/l	0.75-0.9	0.9-1.2	1.2-1.5	1.5-2.0	2



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