1. Cold Pad-Batch Process

(a) Alkali requirements in padding liquor:

A. Silicate free method:
- Everzol ED dyes \( x \) g/l
- Caustic soda (38°B'e) \( 5\times 5 \) cc/l
- Soda ash 0-20 g/l
- Glauber's salt (option) 0-30 g/l

(b) Fixation time: above 12-16 hrs at 25°C

2. Pad-Dry-Pad-Steam Process

(a) Padding liquor:
- Everzol ED dyes \( x \) g/l
- Migration inhibitor 1 g/l
- Reduction inhibitor 10 g/l
- Penetrating agent 0-2 g/l

Padding liquor temperature at 20-25°C

(b) Drying:
- IR predrying
- Residual moisture down to appr. 30%
- Drying at 110-130°C
- Cooling goods after drying

(c) Chemicals padding:
- A. Sodium silicate (48-50°B'e) 60-70%
- B. Caustic soda (38°B'e) 14-20 cc/l
- Common salt 200 g/l
- C. Caustic soda (38°B'e) 12-18 cc/l
- Soda ash 20 g/l
- Common salt 250 g/l

(d) Steaming:
- Saturated steam at 102-105°C
- 30-70sec

3. Emoistfix Process

(a) Padding liquor:
- Everzol ED dyes \( x \) g/l
- Reduction inhibitor 5-10 g/l
- Migration inhibitor 0-1 g/l
- Urea (option) 0-50 g/l

(b) Alkali requirements:

- Everzol ED
- Amounts of dyes used (g/l)
- NaOH (38°B'e) 7 11 14 17 21 24
- Na2CO3 25 g/l

Penetrating agent in padding liquor: 0-2g/l
- Padding liquor temperature at 20-25°C
- Alkali mixer is required.

(c) Fixation time:
- 2-3 min at 120-130°C
- Humidity control at 25%

Everlight Chemical Industrial Corporation
Head Office: 2F, No. 707, Sec. 2, Chung Shan S. Rd., Taipei 105, Taiwan
Tech. Marketing & Service Div. E-mail: sales-CBU@ecic.com.tw  E-mail: tsd@ecic.com.tw

Notes: The information and recommendations presented here were compiled with utmost care, but can't be expected to cover every possible case. The user should strive to ensure that the product is used in accordance with the prevailing conditions. The product should be stored in accordance with the precautions stated in the specification. The user should ensure that all risks and liabilities are covered by proper insurance. The end user bears all liability and risk in use.