



TEXTILE ELEGANCE

ROSSARI PRETREATMENT ON CONTINUOUS RANGE

WOVEN

Pretreatment is the process in which natural and added impurities are removed from fibre, yarn, fabric to make it dyeable and printable. It is a series of cleaning operations that helps in eliminating sizing agents, oils, waxes, soils, pectins and other impurities. The main object of pretreatment is to impart a uniform and high degree of absorptivity for aqueous liquors with minimum damage to the material along with adequate degree of whiteness.

The various stages of pre-treatments are singeing, desizing, scouring, bleaching, mercerizing for cotton fabrics.

Desizing – It is the process of removal of starch and other sizing agents from the fabric. It is mainly carried out using enzymes

Scouring & Bleaching – Scouring is the process in which natural and added impurities such as oil, wax, dust are removed to produce hydrophilic and clean fabric. Bleaching is the chemical treatment for the removal of natural colouring matter from the substrate thereby achieving adequate degree of whiteness

Desize of Cotton woven goods and their blends



Maxi Safety



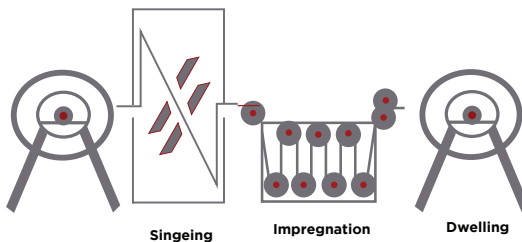
Economical



High Reproducibility

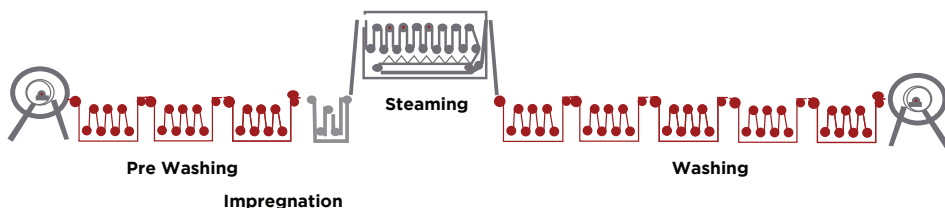
Pad-Batch Desizing

- 1–2 gpl Rexsize NCG
- 3–5 gpl Kleenox CBR
- 1–2 gpl Klerix PER
- Impregnation at 70–90 °C
- Batching for 4–16 hrs
- Hot wash off



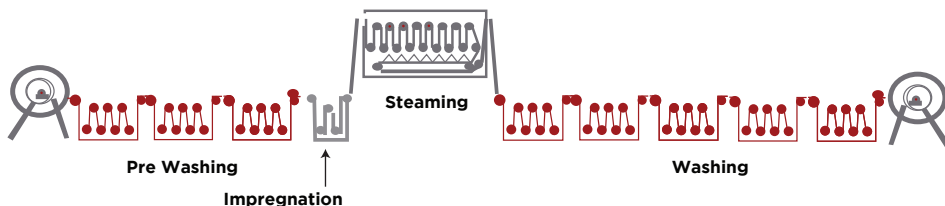
Pad Steam Scouring

- 4–6 ml/kg Kleenox CBR
- 1–2 ml/kg Kleerix PER
- 30–50 ml/kg NaOH (48%)
- Impregnation at Room Temperature
- Reaction Temperature 100°C
- Reaction Time 10–20 minutes
- Hot wash off



Pad Steam Bleaching

- 2–4 ml/kg Kleenox CBR
- 1–2 ml/kg Kleerix PER
- 6–8 ml/kg Zystab SA
- 10–30 ml/kg NaOH (48%)
- 20–60 ml/kg H_2O_2 50%
- Impregnation at Room Temperature
- Reaction Temperature 100°C
- Reaction Time 10–20 min
- Hot wash off
- Neutralizing and final clearing with Kleerix N CONC



Product Overview

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|---|---|
| Rexsize NCG <i>desize enzyme</i> | Blend of enzymes for wide range of temperature for fabric desizing |
| Kleenox CBR <i>surfactant</i> | Low-foaming detergent, highly effective rewetting agent with outstanding emulsifying and degreasing properties |
| Kleerix PER <i>sequestering agent</i> | Sequestering action on iron, magnesium and calcium for pretreatment of Cotton and Cotton blends |
| Kleerix PE 500 <i>proton donor</i> | High chelating action on iron for pretreatment of cotton and blends to yield high whiteness |
| Zystab SA <i>peroxide stabilizer</i> | Highly concentrated peroxide stabilizer for bleaching of cotton and blends. Especially suitable for continuous and high temperature bleaching |
| Kleerix N Conc <i>core alkali neutralizer</i> | An economical and efficient product for core-alkali neutralization of fabrics |

ROSSARI BIOTECH LIMITED

(An ISO 9001:2015 & 14001:2015 Certified Company)
Apartment No 4A & 4B, House 47, Road 15, Sector 03, Uttara Dhaka-1230.