ROSSARI®
making you more competitive

GREENHYDRO 400 POWDER

Dyeing of Polyester is exclusively carried out by the use of disperse dyes, but due to the highly hydrophobic nature of Polyester fibre, after treatments are required for optimal satisfactory fastness. Conventional reduction clear process is designed to remove surplus dye and dyeing auxiliaries (e.g.migration inhibitors, carrier residues and surfactants) without altering the shade of the dyeing. This process involves treatment with alkaline hydrose.

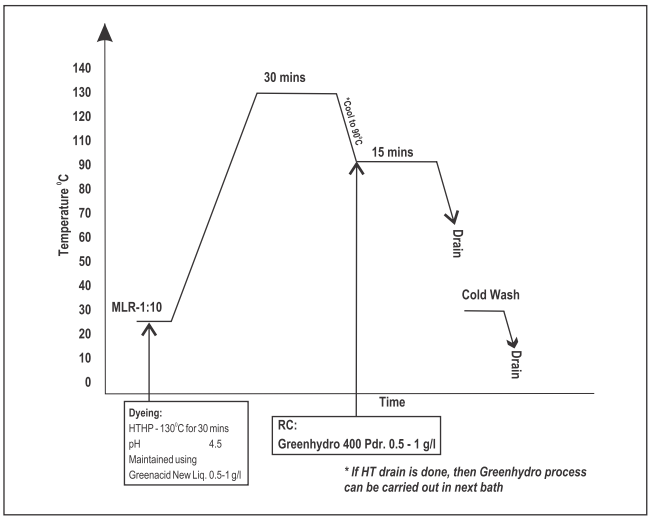
DISADVANTAGES

The reduction clearing process suffers from following disadvantages:

- Can produce sulphite and sulphate
- High concentrations of sulphate can cause damage to unprotected concrete pipes
- Toxic
- Unpleasant odor
- Corrosion of the effluent drainage system.

Rossari has introduced **Greenhydro 400 Powder** to avoid disadvantages of conventional RC process i.e. caustic hydrosulphite. It is a no smell product which works under acidic conditions.

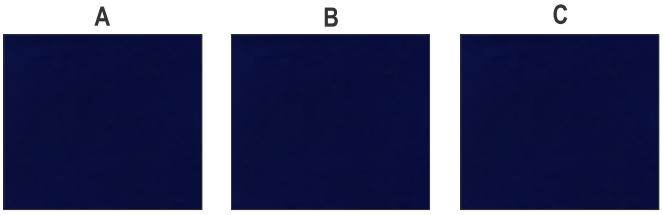
- Powder with no odour
- Works under acidic pH
- Dyeing and RC in same bath
- Water, time, energy saving
- TDS reduction
- Machine cleaning

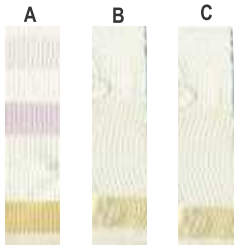


ILLUSTRATION

Washing Fastness Dye - Navy Blue

A - Blank **B -** Conventional **C -** Greenhydro 400 pdr.





DMF TEST

Take 0.5 gm R/C treated fabric in test tube. Add 5 ml DMF and keep it for 10 min. Compare colour intensity in test tube with blank. Lesser the colour intensity more effective is the R/C treatment.

ROSSARI BIOTECH LIMITED

(An ISO 9001:2015 & 14001:2015 Certified Company)

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