

ITOFIX EZF

FORMALDEHYDE FREE FIXING AGENT FOR DIRECT AND REACTIVE DYES



ITOFIX EZF is a non-formaldehyde based fixing agent for direct and reactive dyes. It significantly improves wash fastness properties of cellulose fabrics and their blends. ITOFIX EZF does not contain heavy metals.

PROPERTIES

- **Appearance** : Straw Coloured Viscous Liquid
- **Main Ingredient** : Polyethylene Polyamine Resin
- **Ionic Character** : Cationic
- **pH** : Approximately 4 - 5 (5% aqueous solution)
- **Solubility** : Disperses easily in cold water

APPLICATION

The recommended usage of ITOFIX EZF will depend on the substrate and the depth of shade, but in general the following dosage levels are recommended:-

In Padding:

- **ITOFIX EZF** : 5 - 10 g/l
- **Drying** : 100°C for 30 sec.
- **Curing** : 170°C for 1 min

In Exhaustion:

- **ITOFIX EZF** : 0.5 - 2.0 %
- **Liquor Ratio** : 10 - 30:1, at 40 - 60°C for 20 min.

METHOD OF REMOVAL

Exhaust application

- **3% Anionic Detergent**
- **2 gm/l Acetic Acid**
- **Boil for 30 minutes,**
- **re-dye**

CHARACTERISTICS

1. ITOFIX EZF improves the colour fastness of direct and reactive dyed fabrics to washing, perspiration and water contact.
2. ITOFIX EZF improves the rub fastness of goods dyed with direct dyes.
3. ITOFIX EZF improves rub fastness of goods printed with pigments.
4. ITOFIX EZF gives good fastness improvement when used with Sulphur dyes.
5. ITOFIX EZF does not contain heavy metals.
6. ITOFIX EZF does not contain formaldehyde.
7. ITOFIX EZF can be effective at room temperature, optimum results obtained if the fabric is treated at 60°C for 20 mins.
8. ITOFIX EZF can also be applied by a pad/dry technique.
9. ITOFIX EZF is highly resistant to the presence of salts such as sodium chloride and sodium sulphate

DISCLAIMER

The information herein offered is based on the best of our knowledge at present. However, we are not able to guarantee these matters, as the result of application may vary according to conditions adopted. Preliminary tests are, therefore, recommended in all cases. Please refer to MSDS regarding handling of the products.

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