

TECHNICAL LITERATURE

SILTEX 30738/Creafix ERPN

Dyeing and printing often have unsatisfactory wet fastness, especially washing and water fastness when dyeing carried out using direct dyestuffs and reactive dyestuffs. In the case of all reactive dyestuffs, part of the dyestuff will react chemically with a hydroxyl group on the cellulosic fibre and part of the dyestuff will not react with the fibre, but generally will be in a hydrolysed form. The part of the dyestuff which has not chemically reacted with the fibre may be removed by repeated washing. It is undesirable that dyestuffs exhibit a lack of wet-fastness since the thus removed dyestuff may be absorbed by undyed textile material being washed in the same washing operation and in addition the dyed substrate does not retain its original dyed color. It is known to treat the textile after dyeing with a dye-fixing agent in order to improve the wet-fastness of the dye.

Siltex 30738/Creafix ERPN is a good formaldehyde free dye-fixing agent to improve the fastness properties of active & neutral and anionic dyes especially reactive dyed and printed textiles with minimal shade change.

Characteristic:

Type	Cationic
Appearance	Colorless to pale yellow clear liquid
Solubility	Soluble in water
Compatibility	Stable with non-ionic and cationic products; not compatible with anionic and alkalis

Features

- Suitable for pad and exhaust application.
- Formaldehyde free
- Minimal shade change over wide range of colors.
- No adverse effect on light-fastness properties of colored substrates.

Application

The dyed or printed cotton is rinsed cold to remove residual alkali/anionic surfactants and treated with a solution of Siltex 30738/Creafix ERPN

Continuous process

By padding through liquor containing **10-40 gm/lit** of Siltex 30738/Creafix ERPN at 25 to 40°C at mildly acidic pH (5.5 to 6.0).

Batch wise treatment

By running in liquor containing **01 to 3.5%** (on weight of goods) of Siltex 30738/Creafix ERPN at 45 to 60°C, maintain pH between 5.5 and 6.0 for 20 to 30 minutes or by circulation of the liquor through the material in package – processing equipment.

Storage

Stable when stored under normal storage conditions.

NOTE: The information in this publication is believed to be accurate and is given in good faith; the purpose is to help our customers but do not imply any engagement on our part.