



PROFIX NF

PROFIX NF is a fixing agent, specially developed as concentrated and to be formaldehyde free. It can be used in dyed or printed material with reactive dyes and enhances dry and wet rubbing fastnesses significantly.

PROFIX NF reduces the “stamping effect” occurring in printed fabrics without effecting the final handle and fastnesses. **PROFIX NF** can be diluted as 1:1-1:1,5 by water.

CHARACTERISTICS

Composition	: Quaternary modified polyalkyl amine
Appearance	: Clear liquid
PH	: $7,0 \pm 1,0$
Ionic Char.	: Cationic
Solubility	: Dissolves in water in any temperature and ratio.

APPLICATIONS:

- **PROFIX NF** can be used with reactive and direct dyes as a fastness improver.
- **PROFIX NF** does not contain formaldehyde. It meets the EkoTex 100 standards.
- **PROFIX NF** does not affect the light fastness nor the shade of the dye.
- **PROFIX NF** is suitable to be used in exhaust and impregnation method.

Recommended Dilution Process

Dilution Ratio: 1(**PROFIX NF**):1(water) – 1(**PROFIX NF**):1,5(water)

1. Charge the water to mixing tank
2. Start the mixer
3. Add the **PROFIX NF** at 10 minutes
4. Proceed the mixing plus 10 minutes
5. Stop the mixer
6. Final product is ready to use

Recommended usage from diluted form may differ according to requested handle, composition of fabric and the depth of the shade, but usually the concentrations given below will be sufficient to reach requested result.

	Exhaust	Padding
Usage:	1,0 – 3,0 %	10 – 25 g / l
pH:	$5,0 \pm 0,5$	$5,0 \pm 0,5$
Wet pick up: (WPU)	---	70 – 80 %
Process time	20 – 30 min	---
Polymerization	130 -180°C / 30 - 90 “	130 -180°C 30 -90 “

STORAGE CONDITIONS:

Keep out of direct sunlight or freezing. It is stable for at least 6 months if stored in original packing and recommended storage conditions.

The information given herein and otherwise supplied to users is used on our general experience. However, we can not accept liability for any injury, loss or damage resulting from reliance upon the information due to possible factors beyond our knowledge and control.