

# LIONPROOF FLX

## **COMPOSITION:**

A silicone / polymer emulsion for use in waterproof systems. For best results it should be fixed with a metal salt after application.

## **SPECIFICATIONS**

Appearance	White Liquid / Paste
Activity	58% – 62%
Charge	Anionic
Density (Lb/Gal)	7.5 – 8.5
pH (10% Solution)	7.0 – 9.0
Storage Stability	1 Year at room temperature Optimum storage temperature is between 15°C and 30°C.
Freeze/Thaw Stability	Sensitive to Freezing. Do not store below 5°C.
Lightfastness	Good
Electrolyte Stability	Good
Emulsification	Mix before use. Readily soluble in warm water. Mix 1:1 with warm water until homogeneous Emulsify to 1:4 at 30°C to 60°C

## **KEY PROPERTIES:**

Lionproof FLX is normally used in waterproof systems with other hydrophobic products to give water resistance and enhance Maeser flexes.

- Waterproofing fatliquor for chrome tanned leathers.
- High Maeser flexes achieved.
- Promotes Low water absorption.
- Can be used on dyed or white leathers.
- Used as a topping oil to increase surface water resistance.

## **APPLICATIONS:**

All percentages based on Blue Shaved Weight

Topping oil	2.0% - 4.0% Lionproof FLX Cap with 2.0% - 4.0% Metal Salts
Waterproof Shoe Upper	4.0% - 6.0% Lionproof SE with 4.0% - 6.0% Lionproof FLX Then Top with 1.0% - 2.0% Lionproof FWP