

Licrol K 4

cationic fatliquor

Chemical composition	blend of natural and synthetic oils
Active matter	approx. 50 %
Appearance	white, viscous emulsion
pH - value (1:10)	3.5 - 4.5
Charge	cationic
Stability	can be used in the chrome tanning like vegetable tannins, it precipitates in combination with anionic products
Dilution	1 : 3 with water of 30 °C – 40 °C

Field of application

Cationic fatliquor for the chrome tannage and for the final application into the fatliquoring bath. In rechroming it gives a proper wet back with the natural smooth grain. It supports the uniform uptake of the chrome or the chrome syntan. In topping it provides surface touch for the heavy retan crust, which has to be vacuum dried.

Properties

- good lightfastness
- improves grain smoothness and elasticity in the chrome tannage
- slightly waxy feel
- ensures exhaustion of anionic fatliquors
- improves chrome distribution

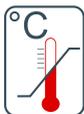
Application

Licrol K 4 is added first in the chrome tanning process. For the exhaustion of the main fatliquor and for surface lubrication, Licrol K 4 is given after the formic acid.

Acid wash	Licrol K 4	0.5 % - 1.0 %
Chrome tannage	Licrol K 4	0.5 % - 2.0 %
Fatliquoring bath	Licrol K 4	1.0 % - 2.0 %
Top fatliquoring	Licrol K 4	0.5 %
	Licrol SG	0.5 %
	or	
	Licrol K 4	0.5 % - 1.0 %
	Licrol SE	0.25 % - 0.5 %

Remark

Licrol K 4 is a technical emulsion and variations in colour and viscosity can happen. The properties for application are not touched by this.

**Storage temperature**

Storage at temperatures between 5 °C and 40 °C. Parts of the product can form precipitates if stored below 5 °C. In this case the product should be diluted with water of 80 °C and precipitates will disappear.

**Shelf life**

Up to 6 months in the original sealed packing.

**Usage**

Stir before use.

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