

SUPER TAN SKM

Leather Auxiliary

Technical Information

Properties :

Classification : A neutralising agent for all types of leathers

Analytical Data :

Chemical Nature : Naphthalene sulphonic acid condensate

Appearance : Light brown free flowing powder

pH of 10% Solution : 7.2 ± 0.2

Concentration : 98% min.

Solubility : Completely soluble in water

Special Features :

SUPER TAN SKM consists of a salt mixture, which hardly yields any hydroxyl ions but reacts almost neutral in aqueous solutions. The salt contains strongly complex-active acid radicals, which displace and buffer the sulphuric acid bound in the collagen-chromium complexes.

Overneutralisation with its well known adverse affects for the leather quality is impossible with SUPER TAN SKM. Excessive amounts will in fact improve leather quality by conversion of any unfixed chromium salts into tanning complexes.

SUPER TAN SKM lowers the positive charge of the collagen-chromium complexes & thus levels out the pronouncedly positive charge of the chrome leather surface. This is beneficial for applying anionic dyes & fatliquors uniformly resulting in uniformly dyed and fatliquored leathers.

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SUPER TAN SKM does not give any colour reaction with iron salts. Vegetable & synthetic retannages have a mild & uniform effect after a preceding SUPER TAN SKM

neutralization, drawn grain & overtannages are avoided and a full leather with fine & tight grain & exceptionally good dyeing properties is obtained.

The properties of the product described above are particularly beneficial, if the soda bicarb which is normally used is replaced wholly or atleast partially by SUPER TAN SKM in basification of chrome liquor.

SUPER TAN SKM can also be used in combination with other commonly used neutralizing agents. e.g. soda bicarb. In such cases, neutralization is commenced with SUPER TAN SKM & the other neutralizing agent is added subsequently. Incorporation of other neutralizing agents of course reduces the special effects of SUPER TAN SKM.

SUPER TAN SKM has good lightfastness.

Application :

Material	:	Wet blue cow leather for shoe upper.	
Shaved thickness	:	1.1 mm – 1.2 mm (percentage based on shaved weight)	
Washing	:	200%	20 mins Drain
Neutralisation	:	100% water	20 mins
		2% SUPER TAN SKM	
		0.5% Soda bicarb	25 mins
			Check pH 4.5-5
			Drain, wash & process further.
			Continue processing as usual.

Recommendations are based on current knowledge and experience but without engagement and warranty.