SUPER TAN SRE

Leather Auxiliary

Technical Information

Properties :

Classification	**:**	Acrylic retanning agent for chrome tanned leather
Analytical Data :		
Chemical Nature	**:**	Aqueous solutions of acrylic copolymers
Appearance	**:**	Yellow coloured viscous liquid
pH (as such)	**:**	6.5 ± 0.5
Solid	**:**	40 ± 2%
Solubility	**:**	Completely soluble in water

Special Features :

SUPER TAN SRE is perfectly compatible with synthetic tanning agents & vegetable extracts, dyes &fatliquors.

SUPER TAN SRE has an excellent fastness to light, so it is advisable to use it in white & light coloured items.

Even small amounts of SUPER TAN SRE will fill the leather without impairing the fineness of the grain & leather will retain the typical character of the chrome leather despite the use of other retanning materials.

Fixation of SUPER TAN SRE can be increased with chrome tanning agents resulting in an increase in fullness & thickness with improved feel.

Use of SUPER TAN SRE is facilitates finishing anchorage.

SUPER TAN SRE is specially suitable for leathers with loose structure for upper leather.

SUPER TAN SRE is not stable under highly acidic pH i.e. below 3.5

SUPER TAN SRE is not readily miscible with cationic products (e.g. Mineral tanning agents).

Applications :

SUPER TAN SRE is used for retanning chrome leather to improve its fullness & tightness of grain without causing formation of coarser grain. Before retannage, the leather nust be neutralized throughout cross-section. It is recommended that SUPER TAN SRE be diluted with an equal quantity of water before adding into drum. The running time of drum will vary with the type of leather. But 30-50 mins will normally be enough to exhaust the liquor. SUPER TAN SRE treated leathers can be dried by usual methods, but vaccum drying is considered to give best results. The quality of SUPER TAB SRE needed varies with the type of leather being produced. Normally 4% based on shaved wt. is adequate. Less quantity will be needed for skins & more for heavy leathers.

a) Retaining of corrected grain shoe leather.

Material	:	Wet blue cow leather of thickness 1.4 – 1.6 mm	
		(Percentage based on shaved weight)	
Washing	:	200%	30 mins
			Drain
Rechroming	:	100% water	
		5% Chrome Syntan	45 Mins
		0.5% Sodium Formate	15 Mins
			Check pH 4.0
			Drain & rinse
Nutralisation	:	100% Water	
		1% SUPER TAN SKM	15 mins
		1% Soda bicarb	30 mins
			Check pH 4.5-5
			Drain & Wash
Retanning	:	100% Water	
		3% SUPER TAN SRE	30 mins
		5% Tysyntan T6	
		4% Wattle extract	60 mins
		Further process as usual	
		pH of float 4.5, Drain & rinse	

		Dyeing &fatliquoring usual	
b) Upholstery Leather			
Material	:	Chrome tanned cattle hide	
Thickness	:	1.0 – 1.1 mm	
		(percentage based on shaved weight)	
Washing	:	200%	20 mins
			Drain
Nutralisation	:	100% Water	
		1% Relugan GTW	10 mins
		2% SUPER TAN SRE	30 mins
		5% Tysyntan TLE	30 mins
		2% Fatliquor	20 mins
Retanning	:	100% water	
		3% SUPER TAN SKM	30 Mins
		5% Tysyntan T6	
		4% Wattle extract	60 mins
		Further process as usual	
Dyeing	:	4% Dye	45 mins
		2% Formic acid	20 mins
		2% Tsyntan THN	30 mins
			Drain & rinse
Fatliquoring	:	100% water	
		8% Synthetic fatliquor	60 mins
		2% Formic acid	30 mins
			Cold rinse, pile & process as usual

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