

SUSTAN SS is a white, lightfast tanning agent, retanning agent for chrome tanned leathers.

Properties

Chemical Composition	:	Condensation product of sulphone and aromatic sulphonic acids
Appearance	:	Off White Powder
pH(10% Solution)	:	3.8 – 4.0
Charge	:	Anionic

Features

- SUSTAN SS is a synthetic tanning agent with an excellent tanning action and high fastness. It is particularly effective in the manufacture of wet white and as the sole tanning agent for fine leather such as reptile skins and skivers. SUSTAN SS also performs well in retannages applied to chrome- tanned leather. It can be used to obtain white leather and dyed leather with a full, soft handle. SUSTAN SS has an excellent tanning action. Leather that has been tanned exclusively with SUSTAN SS is distinguished by the following features.
- Excellent pigmentation effect
- Low residual monomer content (phenol, formaldehyde)
- Compatible with all conventional anionic retanning agents and fatliquors
- Forms a cloudy solution in water
- It has a round, springy handle.
- It is very full.
- Very white leather can be obtained.
- It has very high fastness.
- There is no adverse change in color when the leather is glazed.
- The natural pattern of skins such as reptile skins remains intact.

Chrome-tanned leather that has been retanned with SUSTAN SS has the following properties.

- High fullness
- Soft, pleasant handle
- Fine grain
- Clean, brilliant shade with good leveling
- High lightfastness and heat resistance
- Good response to buffing

Application

Chrome tanning : Retannages

Wet white : Pretannages and main tannages

SUSTAN SS can be used to manufacture all types of high-quality leather.

SUSTAN SS is particularly effective for use on all types of white leather and leather dyed to pale shades that are required to have high fastness. Nevertheless, it is important to ensure that the other retanning agents, dyes and fatliquors also fulfill the same high standards of fastness. We would recommend retanning chrome-tanned leather that is intended to be dyed to pastel shades with SUSTAN SS before it is dyed. This enables very level shades with high fastness to be obtained.

Leather dyed to full shades also benefits from being retanned with SUSTAN SS, because it has a soft, full handle after retanning.

Vegetable-tanned leather and leather that has been pretanned with vegetable tanning agents has a paler shade and responds better to dyeing if it is retanned with SUSTAN SS.

SUSTAN SS has a very effective tanning action, which makes it an excellent choice for use in the manufacture of wet white.

SUSTAN SS is usually added to the float in its powder form, but it is easy to dissolve in water and there are no problems if it is added in liquid form.

Examples

Solo tannage

All percentages refer to the pelt weight

After the pelts have been thoroughly delimed, and bated if necessary, we would recommend pickling them in formic acid overnight with a final pH of approx. 4

In the main tannage, SUSTAN SS needs to be applied at a rate of between 25 % and 35 %, depending on the type of pelts and the type of leather that is being manufactured. SUSTAN SS should be applied in 4 – 6 portions at intervals of between 1.5 hours and 2 hours. The leather should then be horsed up or unloaded onto pallets, and then left to stand for approx. 12 hours before it is rinsed and processed as usual.

The whiteness of the leather can be enhanced by adding 1 – 2% SUSTAN SS to the depleted fatliquoring bath and then drumming the leather for a further half-hour.

Storage / Shelf Life

This product has a shelf life of at least 12 Months if it is stored in its tightly sealed original packaging at temperatures between 0 °C and 40 °C. Bags should be tightly resealed each time material is taken from them, and their contents should be used up as soon as possible after they have been opened.

Packaging

25 Kgs Bag