

GEOFAT HS 100

Chemical Nature:	combination of emulsified waxes and oils
Active Substance:	approx. 97%
Melt Point:	approx. 46°C
Ionic Charge:	no-ionic
Aspect:	yellow solid
Utilization:	used in the retanning of leather with vegetable aspect as well as pull up and crazy horse

PROPERTIES

GEOFAT HS 100 is a special wax developed to be used in retanning. Using this product provides good burnishing and increases the pull-up effect. Some of the positive characteristics of this product are that it provides excellent colour levelling and increases the darkening level in waxy articles such as pull-up and crazy horse after the application of the finishing products. Another benefit of GEOFAT HS 100 is its capacity to improve the evenness of darkening across the whole hide. Due to its composition, it provides optimal penetration and distribution power throughout the pelts and prevents the flesh side of hides from becoming greasy. When using GEOFAT HS 100 as an only product, it must be applied in a new float at the end of the retanning process. Use 150% float at 65°C. It is recommended to heat the product up to its liquid phase beforehand (65°C). Then the emulsion must be broken in water at 65°C at the ratio of 1:5. When used as a burnishing auxiliary, apply GEOFAT HS 100 in a new float after the main fatliquoring process. It may also be used in combination with conventional fatliquoring agents when it will provide softness and a full, round feel. An important factor to be observed has to do with the temperature of the system. Both the drum and the pelts must be very hot in order to prevent staining. At the end of the product application period of time (45 min), add 0.7% formic acid (1:10) and run the drum for 20 minutes. Then wash the hides at 45°C, drain and unload. GEOFAT HS 100 keeps the feel of the leather soft and “well” greased in articles that are to be wetted again and then dried in hot drums.

For further information, please consult our technical department.

The above text is only informative.