

DEROBATE NEW

Bating agent based on selected microbial proteases free of nitrogen designed to suit the needs of all type of leather manufacturing. Working in a wider alkali pH range and even in cold baths, it provides improved area yield. More relaxed but stronger and more elastic leathers are obtained. Hair roots are perfectly eliminated.

Descriptive properties

Appearance	: Light to dark beige, fine powder
pH optimum	: pH 7,0 - 11,0 (optimum 8,2 - 8,8)
Activity	: 1000 ± 50 LVU/g
Storage	: Minimum 1 year - dry storage-

Derobate New is a first quality bate developed in 2021 and produced by high technology. It has a very wide range of applications due to its special formulation. The product is based on bacterial proteases standardized and does not containe any ammonium salts and is free of nitrogen.

Derobate New provides increased open-up in fiber structure and cleaner grain surfaces. By the use of Derobate New along with improved area yield, increased tear strength and therefore increased resistance to mechanical operations are obtained. Hair roots are perfectly eliminated without harming the grian quality.

Derobate New completely solubilizes the degraded protein forms, and removes the interfibrillary protein and proteoglycans which cover the collagen fibrils. As a result more relaxed but stronger and more elastic leathers are obtained.

Derobate NEW is strongly recommended where bating follows thorough deliming. It works between pH 7,0 and 9,5 and can also be used in cold baths.

Application recipes

For an optimum area yield before bating operation a preliminary deliming of the skins and hides with a proper deliming agent like Defetcal DK-29 is advised. Depending upon the raw material and the processing conditions the optimum dose changes between (as a guide on pelt weight):

For sheep and light weight calf skins after deliming: 0,6 - 1,5 % Derobate NEW, mean processing time 25 - 45 minutes.

For garment calf and cow skins after complete deliming: 1,4 - 3,0 % Derobate NEW, mean processing time 90 - 120 minutes.

For goat skins after deliming: 0,6 - 2,0% Derobate NEW, mean processing time 50 minutes.

For upper leather cow and calf skins after deliming: 0,6 - 1.4% Derobate NEW, mean processing time 30 minutes.

In double face manufacture: In the degreasing bath, by soda ash addition pH is adjusted to pH 8,2 and then 0,4 - 2,0 g/l Derobate NEW is added, the processing time depends on the effect required.

Packaging

25 kg in kraft bags.