

DEROBATE FORTE

Bating agent based on selected microbial proteases standardized with special salts and effective carriers in order to work in cold baths. It provides increased open-up in fiber structure and cleaner grain surfaces. Its use provides more relaxed and more elastic but stronger leathers. pH optimum is between pH 8.2 and 8.9. Concentration 10,000 LVU/g.

Descriptive properties

Appearance : Creamy white fine powder
pH optimum : pH 7,0 - 11,0 (optimum 8,2 - 8,8)
Activity : 10.000 ± 500 LVU/g
Storage : Minimum 6 months - dry storage-

Derobate FORTE is a high concentration bating agent having a very wide range of applications due to its special formulation. The product is based on bacterial proteases standardized and buffered with special salts and highly effective carriers. Derobate FORTE provides increased open-up in fiber structure and cleaner grain surfaces even at low temperatures. By the use of Derobate FORTE along with improved area yield, increased tear strength and therefore increased resistance to mechanical operations are obtained.

Even at 20°C temperature Derobate FORTE 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.

Application recipes

We suggest a predilution 1:5 with 30 - 40°C water, in order to guarantee a smooth distribution within the bath. For an optimum area yield before bating operation a preliminary delimiting of the skins and hides with a proper delimiting 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 delimiting: 0,04 - 0,2 % Derobate FORTE, mean processing time 40 - 60 minutes.

For garment calf and cow skins after complete delimiting: 0,1 - 0,25 % Derobate FORTE, mean processing time 90 - 120 minutes.

For goat skins after delimiting: 0,04 - 0,15% Derobate FORTE, mean processing time 60 minutes.

For upper leather cow and calf skins after delimiting: 0,04 - 0,1% Derobate FORTE, mean processing time 30 - 40 minutes.

In double face manufacture: In the degreasing bath, by soda ash addition pH is adjusted to pH 8,2 - 8,8 and then 0,02 - 0,2 g/l Derobate FORTE is added, the processing time depends on the effect required.

Packaging

25 kg in kraft bags.