

## DEROBAZ-T DK-2000

***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 2000 LVU/g.***

### **Descriptive properties**

<b>Appearance</b>	: Creamy white fine powder
<b>pH optimum</b>	: pH 7,0 - 11,0 (optimum 8,2 - 8,8)
<b>Activity</b>	: 2000 ± 100 LVU/g
<b>Storage</b>	: Minimum 1 year - dry storage-

Derobaz-T DK-2000 is a concentrated bate 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. Derobaz-T DK-2000 provides increased open-up in fiber structure and cleaner grain surfaces even at low temperatures. By the use of Derobaz-T DK-2000 along with improved area yield, increased tear strength and therefore increased resistance to mechanical operations are obtained.

Even at 20°C temperature Derobaz-T DK-2000 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**

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. Best results are obtained when working at 3°C bath temperature. 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:** 0,3 - 0,8 % Derobaz-T DK-2000, mean processing time 25 - 45 minutes.

**For garment calf and cow skins after complete delimiting:** 0,7 - 1.5 % Derobaz-T DK-2000, mean processing time 90 - 120 minutes.

**For goat skins after delimiting:** 0,3 - 1,0 % Derobaz-T DK-2000, mean processing time 50 minutes.

**For upper leather cow and calf skins after delimiting:** 0,3 - 0,7 % Derobaz-T DK-2000, 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 0,2 - 1,0 g/l Derobaz-T DK-2000 is added, the processing time depends on the effect required.

### **Packaging**

25 kg in kraft bags.