

KRAPLEN B

Information Sheet

CHEMICAL AND PHYSICAL CHARACTERISTICS

Aspect	White slightly greenish powder
Alkalinity:	130-140 g NaOH/100 g of product

CHARACTERISTICS

Basifying and chrome-exhausting agent for use in tanning. It is an alkaline organo-metallic composition with masking effects

The alkaline strength of **KRAPLEN B** makes us to define it as a basifying agent for use in chrome-tanning, while its organic complex portion guarantees the stabilising and antiflocculation effects on the chrome, even under extreme pH or dilution conditions.

KRAPLEN B is our perfect answer to the challenge posed by certain basic requirements such as chrome exhaustion, smallest waste water pollution, inexpensive process, and handling simplicity.

By resorting to **KRAPLEN B** you succeed in fixing on the leather the normal rate of Cr_2O_3 provided by a complete tanning process, but using in this case only a 60-70% of the usual tanning agent rate.

The leather obtained when the tanning process is exhausted with **KRAPLEN B** shows belly fullness, area grain, fine grain, open necks, and light and levelled colour all over.

The stratigraphic analyses of the leather treated by the ECO process (**KRAPLEN B**) prove that the chrome spreads uniformly throughout the grain, the flesh and the intermediate layers. This makes possible the improvement of the physical constants given by the dynamometer and the lastometer, which means a more compact and uniform feel.

PERCENTAGES

KRAPLEN B is always used in the chrome-tanning bath and the normal rate is about 10-12% based on the amount of chrome sulphate of 33°Sch basicity and 25% of Cr_2O_3

The slow alkaline development of **KRAPLEN B** can be seen in the pH evolution during tanning.

A classical process for unsplit cattle hide can be as follows:

PICKLING - TANNING

40-50% Water at 20°C

Allow to run for 15 min with the skins inside (6-7^oBe)

1.0% Sodium formate

10% Water at 20°C

1.1-1.2% Sulphuric acid

0.5% Formic acid

Allow to run for 3 hours, pH = 2.4-2.6. Leave in bath overnight, running from time to time. On the following day, add:

6-7% **KRACROM 26 / 33**

Allow to run for 90 min, pH = 2.4-2.5. Check chrome penetration. Add:

KRAPLEN B

Allow to run for 8-10 hours, pH = 3.6-3.9. Ts = 40-45°C

A classical process for split pelts (2.0-2.2 mm) can be as follows:

PICKLING - TANNING

70-80% Water at 20°C

6-8% Salt

Allow to run for 15 min with skins inside (6-7^oBe)

1.0% Sodium formate

10% Water at 20°C

1.3-1.4% Sulphuric acid

0.5% Formic acid

Run for 3 hours, pH = 2.6-2.8. Keep in the bath overnight running from time to time.

Next day, add:

6-7% **KRACROM 26 / 33**

Run for 60 min, pH = 2.4-2.5. Check chrome penetration. Add:

KRAPLEN B

Run for 7-8 hours, pH = 3.6-3.8. Ts = 40-45°C

STORAGE

We recommend to store it in a dry place.

- Without Guarantee -