

MERPIN 8025

Basifying agent of low solubility

Base: special magnesium oxide composition

Appearance: light-grey powder

Solubility: soluble only in an acidic medium; in water almost insoluble

MODE OF ACTION:

MERPIN 8025 dissolves slowly in the chrome tanning float. There is only enough quantity of alkali set free which is necessary to make the pH rise slowly and continuously. This action generates an improved chrome bath exhaustion, a more even chrome distribution in the leather and a smooth, fine grain. The levelness of the dyeing is improved.

FIELD OF APPLICATION:

MERPIN 8025 is used for the basification of mineral- and wet-white tannages as well as for the retanning.

QUANTITIES TO APPLY:

Chrome tannage:

0,4 - 0,8 % MERPIN 8025, based on the pelt weight

The dosage of MERPIN 8025 depends on the pickle time and final pH, the used amount and basicity of chromium oxide, the duration of the tanning, temperature and float length etc.

The following rule-of-thumb applies:

1kg calcinated Soda (Na_2CO_3)- 0,38 kg Merpin 8025

1kg sodium bicarbonate (NaHCO_3)-0,24 kg Merpin 8025

MODE OF APPLICATION:

MERPIN 8025 should be added to the chrome tanning float after complete penetration of the chromium tanning agent. Generally, the MERPIN 8025 is added 60 to 180 minutes after the addition of the chrome tanning agent, depending on the pelt thickness.

The application of 0,3 - 0,4 % sodium formate 30 minutes before adding the MERPIN 8025 is recommended.

STORAGE HINT:

The MERPIN 8025 is highly hygroscopic and it is of particular importance that it must be stored in a cool and absolutely dry place.

APPLICATION SAMPLE:

Splitted cow pelts 3,0 mm:

The pelts should be throughdelimed
cut: colourless against Phenolphthaleine

Pickle and chrome-tannage

	<u>Runtime</u>
50 % water 22°C	
8,0 % common salt min 7° Bé	10 minutes
0,7 % formic acid 85 % (1:5 diluted)	20 minutes
0,8 % sulphuric acid 96 % (1:10 diluted) pH-value float: 2,8 - 3,0	3 hours
7,0 % chrome tanning agent (26 % Cr ₂ O ₃)	
0,2 % MERPIN 8005 (1:10 diluted)	60 minutes
0,3 % sodium formate pH-value float: 2,8 - 3,0	60 minutes
0,4-0,5 % MERPIN 8025 pH-value float: 3,8-4,0	8 hours or over night

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