

EMDIRENAL DK-11

Chrome masking and neutralizing agent based on complex active dicarboxylic acids.

Descriptive properties

Appearance	: White powder
pH (1:10)	: 6,5 - 7,5
Conc	: 96 - 98 %
Self tanning capacity	: Pronounced (good)
Storage	: App. 2 years -dry storage-

Emdirenal DK-11 has a very wide range of applications since it acts as a chrome masking agent in tannage with chromium salts and also as a lightfast retanning syntan in neutralization.

In chrome tanning, Emdirenal DK-11 gives appreciably fuller (particularly in the looser portions of the skin) and mellow handle leather, better exhaustion of the chrome bath without over tanning of the grain (smoother grain with improved break is assured) and improved dyeing properties. Thanks to very good chrome fixation less chromium salt is removed during the rinsing and retanning of the shaved leathers.

In neutralizing, Emdirenal DK-11 exhibits surprisingly effective penetrative action and promotes a more level dye and fat liquor distribution throughout the leather cross section. Since the product also acts as a masking agent it avoids uneven dyeing even in the looser parts. Its use in neutralization improves the vegetable tannin, acid dyestuff, anionic tanning material penetration and evens the difference of acidities of other products, thanks to its excellent buffering property.

We strongly recommend its use in both chrome tanning and neutralization especially for loosely structured leathers.

Application recipes

In chrome tannage as a rule of thumb we recommend Emdirenal DK-11 addition of 10,0 - 20,0 % of the total weight of basic chrome sulphate (basicity 33,0 %, Cr₂O₃ 25 %) prior to the addition of chrome tanning material and drumming for 15 minutes.

In rechroming as a rule of thumb we recommend Emdirenal DK-11 addition of 20,0 - 30,0 % of the total weight of basic chrome sulphate (basicity 33 %, Cr₂O₃ 25 %) together with the chrome tanning material.

In neutralization we suggest adding 1,5 - 2,0% Emdirenal DK-11 to the normal alkali (bicarbonate or formate).

Remarks

We suggest direct addition to the bath without dissolving.

Packaging

25 kg in kraft bags.

The information given in this technical leaflet is offered in good faith and is based upon our knowledge and experience of the products used. The suitability of the products mentioned to obtain specific properties or effects are given without obligation or guarantee and should be fully tested by the end user and adapted to suit prevailing works conditions or other products which may be employed.