

EMDIRENAL PAL50

Polyaldehyde with masked aldehyde groups. The product consists of 50% active material and does not cause any yellowing neither on wool nor on grain. Improves softness, chrome exhaustion, chrome fixation, increases shrinkage temperature, gives high perspiration resistance, dye shades are fuller and brilliant.

Descriptive properties

Appearance	: Clear to pale yellow liquid
pH (10 % solution)	: 8,5 - 9,5
Density	: 1,06 g/cm ³
Storage	: Minimum 1 year - dry storage, in not freezing condition-

Emdirenal PAL50 is a polyaldehyde with masked aldehyde groups which can be used as a pretanning and retanning agent.

When used in pretanning Emdirenal PAL50 tanning (vegetable, chrome, zirconium or semi-chrome) liquors penetrate in a more uniform and rapid action and fuller and softer leathers are obtained. When used after tanning the resulting leathers will show firmer, smoother grain with good fullness.

By the use of Emdirenal PAL50 heat and light fastness of the final articles are neatly improved.

Emdirenal PAL50 is completely compatible with mineral, vegetable and synthetic tannins.

Emdirenal PAL50 does not cause yellowing of neither the leather nor the wool.

Application recipes

- In pretanning of pickled stock: 2,0 - 5,0 % based on pickled weight
- In vegetable tanning to improve shrinking temperature 4,0 - 10,0 %
- In retanning to improve softness and fullness, during rechroming 4,0 %

Remarks

Sensible to frost: protect from freezing conditions.

Emdirenal PAL50 is completely water soluble.

The product undergoes an irreversible reaction over a wide pH range with the leather substance however the highest reactivity and fixation is obtained in the upper pH range, while the product has better penetration under the acid conditions. As with upper pH range, the increase of the temperature will also increase reactivity and fixation.

Packaging

25 kg in polyethylene drums.

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.