

## EMDIRENAL PM

***Filling agent with excellent light fastness and heat resistance based on carbohydrates and albuminous compounds, it is used on its own or in combination with mineral-synthetic or vegetable tanning materials.***

### **Descriptive properties**

<b>Appearance</b>	: Light yellow powder
<b>pH (1:10)</b>	: 5,8 - 7,5
<b>Concentration</b>	: 98 %
<b>Stability in chrome tanning floats</b>	: Stable

Because of its filling properties, Emdirenal PM is particularly suitable for loosely structured and flat raw materials. The product improves the fineness of the grain, gives firmer and fuller, round handle.

One possibility of application is in the cationic retanning in combination with mineral tanning salts before the neutralization. Used in the anionic retanning Emdirenal PM is combined with synthetic and vegetable tanning agents. The good filling effect of Emdirenal PM improves the buff ability of suede and nubuk leathers.

### **Application recipes**

**Sheep nappa:** % based on shaved weight

#### **In the cationic retanning**

- 3,0 - 5,0 % Emdirenal PM
- 2,0 - 4,0 % Chrome tanning agent

#### **In the anionic retanning**

- 3,0 - 5,0 % Emdirenal PM
- 2,0 - 3,0 % Synthetic retanning agent
- 2,0 - 3,0 % Resin

**Upper leather:** %based on shaved weight

- 2,0 - 4,0 % Emdirenal PM
- 3,0 - 5,0 % Synthetic retanning agent
- 3,0 - 5,0 % Vegetable tanning agents

### **Remarks**

**Method of diluting:** Emdirenal PM is added un-dissolved into the floats.

### **Packaging**

20 kg in kraft bags.