

**LEATHER AUXILIARIES**

# SHOE UPPER LEATHER

Fatliquoring, tanning, dye levelling  
and fixing agents



**ZSCHIMMER & SCHWARZ**

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## Fatliquoring, tanning, dye levelling and fixing agents

The final leather character is determined and fixed during the wet-end process. The product range of Zschimmer & Schwarz for this section of the leather production is extensive and the following products are just mentioned as an example for their successful use.

Well introduced in the market for shoe upper leather fats is PELLASTOL X. Its performance is excellent regarding grain tightness, fine grain and light fastness and it may be used alone or in combination. Developed for today's price/quality requirements, PELLASTOL XR may convince you with its outstanding properties. Leathers with elastic grain and round touch will be easily achieved. PROVOL 100 based on lanolin is well suited in combinations with the above PELLASTOL main fatliquoring agents. It will improve the softness of the grain and therefore reduces the risk of grain cracking.

### PELLASTOL X | Synthetic fatliquor for tight grained shoe upper leathers

- ▶ Very tight grain
- ▶ Good roundness
- ▶ Excellent heat yellowing and light fastness
- ▶ Level dyeing

### PELLASTOL XR | Natural and synthetic fatliquor

- ▶ Outstanding price-performance ratio
- ▶ Good light and heat stability
- ▶ Supple feeling

### PROVOL 100 | Lanolin based fatliquor

- ▶ Elastic grain
- ▶ Polishable
- ▶ Pleasant touch



Zschimmer & Schwarz offers a number of special tanning agents which are known under the NOVALTAN and DOLATAN trade names. It is common practice to use syntans in combination with vegetable tannins for the production of shoe uppers.

A product which combines both requirements is NOVALTAN VS. Due to its well balanced composition, NOVALTAN VS is very suitable for elegant shoe upper types, like ladies boots nappa. Among other, it is well suitable for the chrome free leather production and may be solely used as a main tanning agent. Furthermore, any combination with other vegetable or synthetic based anionic tanning agents is possible without problems.

### NOVALTAN VS | Mixture of vegetable and synthetic tanning agents with organic fillers

- ▶ Good filling properties
- ▶ Even distribution in the leather cross-section
- ▶ Good dyeing properties
- ▶ Fine grain

Fashion more and more influences the production of upper leathers. Clear, brilliant and even dyeing is a must. In order to achieve this goal, using SINCAL range is of great help. SINCAL MS is a common and widely accepted levelling and penetrating agent.

Finally, SINCAL DR helps to exhaust the dye bath and at the same time improves the fixation of the dye to the leather fibre and the rub fastness is greatly improved.

### SINCAL MS | Dye levelling agent

- ▶ Even dyeing
- ▶ Easy penetration of the dyestuff
- ▶ No change of the dye shade

### SINCAL DR | Cationic dye fixing agent

- ▶ High concentration
- ▶ Strong action
- ▶ Improvement of the dye fixation
- ▶ Improvement of the rub fastness
- ▶ No formation of free formaldehyde





**Chemistry tailor-made**

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