

# TRUPOSIST<sup>®</sup> A + C

## hydrophobing agent

|                   | TRUPOSIST A                                       | TRUPOSIST C  |
|-------------------|---|--|
| Basis:            | polymeric waterproofing and lubricating compounds | functional, polycondensation waterproofing compounds |
| Appearance:       | pale yellow oil                                   | pale yellow oil                                      |
| Charge:           | anionic   | --   |
| pH value(1 : 10): | 7.5   | --   |
| Light fastness:   | excellent   | excellent  |
| Heat yellowing:   | excellent   | excellent  |

### **Properties:**

The **TRUPOSIST A and C**-system has been designed to allow the production of leathers which require individual characteristics and performance standards to be achieved.

The **TRUPOSIST A and C**-system allows a wide spectrum of leather types to be produced.

**TRUPOSIST A** is a polymer based lubricating and waterproofing fatliquor whilst **TRUPOSIST C** is a water insoluble functional hydrophobing agent intended to be used in admixture with **TRUPOSIST A**.

The **TRUPOSIST A and C**-system allows leathers of excellent softness to be produced whilst exhibiting a high level of water resistance, low density, good washability and, of great importance for end user comfort, good water vapour permeability.

### **Application:**

**TRUPOSIST A and C** should be used in combination at a ratio of 9 : 1 respectively the products should firstly be well mixed before emulsifying in approx. five times their own volume of water at 50 °C with stirring. The prepared emulsion should be added directly to the drum.

Quantities to be used will depend upon the type of leathers required along with the desired softness but will normally vary between 8 - 12 %, based upon shaved weight.

Running times of between 90 - 120 minutes will normally suffice to obtain good fatliquor exhaustion before reducing the pH of the bath to 3.8 - 4.0 with formic acid.

Although acidification will allow leathers with a certain degree of "showerproofing" to be produced, maximisation of the waterproofing potential of the **TRUPOSIST A and C**-system is achieved by aftertreating the dyed fixed leather for 60 - 90 minutes in a fresh float with 3 - 4 % of a suitable mineral tanning salt such as basic chrome sulphate, aluminum or zirconium salts.

For further detailed information regarding the production of water resistant leathers, please refer to the section in this catalogue "HYDROPHOBIC FATLIQUORS AND AUXILIARIES".

### **Safety and storage:**

When handling **TRUPOSIST A and C**, normal safety precautions associated with the handling of chemicals should be observed. For more specific details please refer to our safety data sheets.

**TRUPOSIST A and C** can be stored for up to 18 months, if temperatures below 5 °C and above 40 °C can be avoided. At temperatures below 15 °C both **TRUPOSIST A and C** may exhibit a marked increase in viscosity. On prolonged storage **TRUPOSIST A and C** may show some degree of settlement which can be rectified by either warming and/or stirring the products thoroughly before use.