

TRUPOSIST[®] S-BO

silicone based booster for hydrophobic leathers

Basis:	water emulsifiable functional silicones
Appearance:	pale yellow liquid
Charge:	weakly anionic
pH value(1 : 10):	ca. 8
Acid stability:	low
Salt stability:	low
Light fastness:	excellent
Heat yellowing:	excellent

Properties:

TRUPOSIST S-BO is a custom-designed „booster“ ideally suited for use in combination with other **TRUPOSIST** hydrophobic fatliquors where it will greatly enhance their waterproofing properties.

Chrome-tanned leathers which require a high degree of retannage with anionic materials often prove difficult in achieving optimum hydrophobic results. The use of **TRUPOSIST S-BO** will markedly improve the hydrophobic nature of such leathers without detracting from aesthetic properties.

In addition, the use of **TRUPOSIST S-BO** will have no adverse effect on the dyeing or finishing properties of the leather.

As a result of the special functional compounds in **TRUPOSIST S-BO** outstanding substantivity and fixation in the leather is assured.

Application:

TRUPOSIST S-BO can be utilized at levels between 1 – 3 %, based on shaved weight, together with other **TRUPOSIST** hydrophobic fatliquors such as **TRUPOSIST S-DN** e.g.:

4 – 6 % **TRUPOSIST S-DN**

+

3 – 1 % **TRUPOSIST S-BO**

The two products should be mixed together prior to emulsification in water at ca. 50 °C. Process temperatures between 45 - 55 °C and running times of between 60 - 120 minutes. will normally suffice to afford even penetration and good exhaustion, acidification of the fatliquoring bath to pH 3.6 - 3.8 with additions of diluted formic acid will assist in fixation and preparation of the leather for after treatment with a suitable mineral tanning material such as 33 % basic chrome powder. In order to enhance water resistance properties and negate grain pebbling and the danger of reduced area yield it is recommended that **TRUPOFIX® WP.** be utilized together with the mineral capping material at a level of approximately 0.3 – 0.4 % together with 3.0 – 4.0 % chrome.

For further details concerning water resistant leather we suggest reference be made to the section ,**HYDROPHOBIC FATLIQUORS AND AUXILIARIES**' contained in our catalogue.

Safety and storage:

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

TRUPOSIST S-BO 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 **TRUPOSIST S-BO** may exhibit a marked increase in viscosity. On prolonged storage **TRUPOSIST S-BO** may show some degree of settlement which can be rectified by either warming and/or stirring the products thoroughly before use.