

QUICKFIN ABSC LIQUID

COMPOSITION Polysiloxane Emulsion, cationic

USES Silicone softening and smoothing agent for all fibre types, conferring very soft inner handle

PROPERTIES

- Confers a soft, full and smooth handle
- Confers permanent finishing effects
- Improves sewability
- Improves drape of fabric
- Compatible with resin finishing agents (Pre-trials necessary)
- Applicable in weakly acid medium
- Not compatible with alkalis
- Suitable for pad or exhaust processes

TECHNICAL DATA

- Clear, transparent liquid (micro emulsion)
- Compatible with nonionic and cationic softeners
- Readily dispersible in cold or warm water (30°C)

APPLICATION

QUICKFIN ABSC LIQUID is used for finishing woven or knitted fabrics, which require a soft surface and full handle.

In principle, when using silicone softeners, wash, rinse and acidify the fabric thoroughly after pretreatment to remove residual substances (anionic substances, size, etc.), which may cause liquor instabilities.

The necessary quantity is dispersed in cold or warm water (30°C) and then added to the application liquor.

Apply QUICKFIN ABSC LIQUID in a weakly acid medium. Adjust the pH value of the application liquor with monobasic acids (eg acetic acid - do not use formic acid) to 4.5 - 5.5. Avoid applications in alkaline medium. Residual alkali on the fabric or alkaline plant water may considerably destabilize the liquor and cause silicone precipitations.

Padding application

Soft handle finish for Cotton, Polyester and its blends

10 - 30 g/l QUICKFIN ABSC LIQUID
liquor pick-up 60 - 80 %
dry at 130 - 150°C

Exhaust method

1 - 3 % QUICKFIN ABSC LIQUID
related to the weight of fabric
pH value 5 - 6
Duration 20-30 min
Temperature 40 °C
dry at usual temperatures (< 180 °C)

This product is not suitable for applications in machines with high shear forces.

Before using the product with other finishing agents (combination recipes), compatibility tests should be carried out.

STORAGE

If stored below 0°C or above 40°C, the product may change its consistency. After heating or cooling to 20 - 25°C and thorough mixing, the product can be used again without any problems.

In the case of prolonged storage the product may more or less yellow, which is due to raw material fluctuations and cannot be influenced by production technique. However, neither the degree of whiteness nor other properties of the finished textile will be affected.

ATTENTION

The above recommendations are based on comprehensive studies and experience made in practical finishing. They are, however, without liability regarding property rights of third parties and foreign laws. The user should test for himself whether the product and the application are suited for his very special purposes.

We are, above all, not liable for fields and methods of application which have not been put down by us in writing.

Advice for marking regulations and protective measures can be taken from the respective safety data sheet.