

KAPPAPHOB BP 30

Fluorine-free water repellent

Chemical composition	aqueous emulsion of polymers
Appearance	off-white to pale yellow
pH-value 20 °C	3.0 – 5.0 (product)
Density 20 °C (g/ml)	approx. 1.0
Dry content (%)	approx. 30
Ionic character	cationic

Function

KAPPAPHOB BP 30 is an excellent, highly concentrated, fluorine-free hydrophobing agent for water-repellent finishing for all types of fibres. The product shows very good results on synthetic fibres as well as their blends and also especially on cotton.

KAPPAPHOB BP 30 has also a certain washing resistance, depending on the required quantity and fabric, even without a crosslinker. With the addition of a crosslinker, excellent washing and dry cleaning resistances can be achieved.

Application

The goods to be finished must be free of substances that reduce the effect (e.g. residual alkali, sizing agents, preparations, re-wetting surfactants etc.).

Recommended application level depending on requirement, liquor ratio and fabric:

Padding process

Standard recipe

- 20 – 100 g/l KAPPAPHOB BP 30

Standard recipe with a crosslinking agent

- 20 – 100 g/l KAPPAPHOB BP 30
- 10 – 40 g/l KAPPALINK CG

The pH of the impregnation liquor should be between 3 – 7 and can be adjusted with acetic acid 60 %.

Drying and fixing of native and synthetic fibres:

- Temperature: 160 – 180 °C
- Time: 60 – 120 sec.

Dilution instruction

KAPPAPHOB BP 30 can be mixed with water at any ratio.

Storage

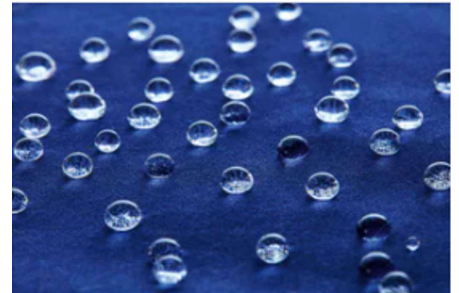
KAPPAPHOB BP 30 remains stable for at least 18 months if stored properly and at temperatures of 5 – 30 °C in a tightly closed original container.

Do not expose to frost!

When using the products, the precautionary measures applicable to the handling of chemicals must be observed. For storage and hazard information as well as safety advice, please refer to the relevant safety data sheets. Application solutions and product residues must be disposed of in accordance with official regulations. The listed instructions correspond to our previous experience. However, in view of the different operating conditions, only non-binding information and advice can be given. Therefore, we cannot accept any liability whatsoever, including liability for claims by third parties. Errors, changes and misprints excepted. Non-binding product information, print date Sep 13, 2023, not subject to systematic change.

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