

# KAPPAPHOB ADC 6

## Fluorocarbon polymer emulsion for air-dry applications

Chemical composition	fluorocarbon polymer in aqueous solution
Appearance	white emulsion
pH-value 20 °C	2 - 5 (product)
Density 20 °C (g/ml)	approx. 1.1
Solid content (%)	approx. 30
Ionic charge	nonionic

### Function

KAPPAPHOB ADC 6 is a nonionic fluorocarbon which does not contain any verifiable perfluoro octane acids, perfluoro octane sulfonic acids or other parts of a perfluorinate chain length over 6 C-atoms. It is an air-dry product, that means drying and fixing achieved at room temperature.

#### KAPPAPHOB ADC 6

- is suitable for different types of substrates.
- shows very good oil and water repellent effects.
- has no negative influence on the breathability and haptics.
- shows a very good emulsion stability of prepared liquors.
- is compatible with anionic and cationic auxiliaries.

### Application

KAPPAPHOB ADC 6 is suitable for all types of fibres and blends (natural as well as synthetic fibres). It can be used especially for the finishing of textiles, leather articles, carpet and upholstery fabrics at room temperature.

The emulsion can also be added to wall paint. It is applied in pre- and aftertreatment processes for example for walls, stones, wood and other porous substrates.

KAPPAPHOB ADC 6 can be applied by dip coating, coating, foaming, spraying or other methods depending on the fabric conditions. For the application in spraying processes suitable exhaust devices and corresponding spray devices are necessary and the security advices must be observed.

The fabric to be finished must be free of detrimental substances (e. g. sizing agents, preparations, rewetting surfactants, dirt, dust, etc.). The goods must be also slightly acidic (pH 4 – 5, adjust with acetic acid 60 %).

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

Padding process for textiles (e.g. foulard)

- 10 – 50 g/l KAPPAPHOB ADC 6

Additive for wall paint for preservation of structures

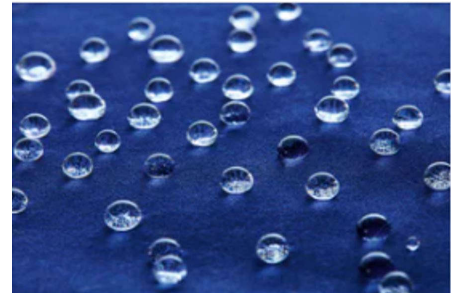
- 0.2 – 4.0 % KAPPAPHOB ADC 6

The water and oil repellent effect can be increased after application by the impact of heat.

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 Feb 14, 2022, not subject to systematic change.

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## Dilution instruction

KAPPAPHOB ADC 6 can be diluted with water at any ratio.

## Storage

KAPPAPHOB ADC 6 remains stable for at least 6 months if stored properly and cool in a tightly closed original container.

Do not expose to frost!