KAPPAPHOB ADC 6
Ecologically optimised fluorocarbon polymer emulsion for air-dry applications

CHEMICAL-PHYSICAL DATA
Chemical composition: fluorocarbon polymer in aqueous solution
Appearance: white emulsion
pH-value 20 °C (product): 2.0 – 5.0
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.

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 container.
Do not expose to frost!