



BETEK BUILDING CHEMICALS

BETEK FIBRIOUS AQUASET[®]

DESCRIPTION

Betek Fibrious Aquaset is a ready-to-use, polypropylene micro fiber-added, white, liquid membrane waterproofing material that is developed for regions named as risky in waterproofing.

APPLICATION AREAS

Can be used safely especially on the joints or sections with cracking risk at concrete, plaster, brick, porcelain, galvanized sheet metal and wood surfaces requiring waterproofing like roofs, foundation and basement walls, and on filter and chimney bottoms.

SPECIFICATIONS

- Enables applying waterproofing materials easily on top of cracks that occurred on old surfaces in time due to thermal reasons or settling.
- Removes the need for a new application by preventing the applied waterproofing system to be damaged due to the possible future macro-cracks.
- Provides more effective resistance against mechanical impacts with the additional strength that it gains thanks to the polypropylene micro fiber in its formula.
- Does not get affected from cold-hot differences. ($-20^{\circ}\text{C} \pm 80^{\circ}\text{C}$)
- Can be painted only using a water-based paint with the same elasticity.
- Prevents the growth of bacteria thanks to the biocides in its formula.
- Provides perfect adhesion to mineral-based surfaces, wood and non-anodized metal surfaces.

TECHNICAL SPECIFICATIONS

On mineral-based surfaces:

Adhesion strength: 12 kgf / cm² (after 24 hours)

Tensile strength: 50 kgf / cm² (after 24 hours)

Breaking elongation: 300 % (DIN 53455)

Water vapor permeability: 27.6 g / m² day (23°C and 65% HR)

Density: 1.3 gr / ml

APPLICATION

Apply on humid-free, dry and clean surfaces. Clean the application surface from all kinds of grease, dirt, dust and loose materials preventing adhesion of the product. Ensure the application surface has a slope that will prevent ponding. Fill the gaps, holes on the surface with Stako repair mortar. Prime with a coat of Aquaset thinned with 100% water and then apply two coats of Betek Fibrious Aquaset depending on the state of the surface. (Betek Fibrious Aquaset cannot be used without thinning. The application should be in minimum two coats.) Wait maximum 24 hours between each coat and apply the second coat over the first one in 90° (perpendicular) direction. Apply in stripes at joints. Apply in a temperature between +5°C and +35°C especially during dry air. Avoid applications in weather conditions like rain, snow and frost. Protect the surfaces of application from negative weather conditions for 48 hours. Protect all surfaces of application with screed, ceramic or similar coats to enable them to display the required performance and strength against external impacts. Clean the application tools with water.

WARNING:

Aquaset should be protected with screed, ceramic or similar coats to enable all surfaces to display the required performance and strength against external impacts. Application tools should be cleaned with water. Recommended to applied while wearing flat rubber shoes. Recommended to build a separate platform if satellite dish, solar panels and water tanks will be mounted on top.

Do not use Betek Fibrious Aquaset without thinning! Thin Betek Fibrious Aquaset with water by 100% for primer coat.

DRYING TIME (20 °C - 65% HR)

First Drying	12 hours.
Second Coat	24 hours.
Full Drying	48 hours.

CONSUMPTION

Depending on the structure, smoothness and porosity of the application structure, average consumption is 0.750-1 kg/m² in vertical and 1-1.5 kg/m² in horizontal per single coat.

The specified consumption values are approximate. Since there will be differences based on the number of pores and holes on the surface, the precise consumption can only be determined at the end of the application.

STORAGE May be stored for 1 year in its original packaging at a cool and dry place protected from moisture, freezing and direct sunlight.

PACKAGING

1kg, 3kg, 20kg PE pail

HAZARD DESCRIPTION

Xi Irritating.

Hazard statements

H317 May cause an allergic skin reaction

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P321 Specific treatment (see on this label).

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations



Produced by Betek A.Ş. with TS-EN ISO 9001 and TS-EN 14001 Certificates.