

CONSTRUCTION CHEMICALS PRODUCT GROUP

BETEK AQUASET ®

DESCRIPTION

An acrylic copolymer resin-based, water-based, single-component, ready-to-use, elastic, white (colorable) waterproofing spread material that can be applied on all types of surfaces easily.

APPLICATION AREAS

Can be used on indoor or outdoor horizontal and vertical surfaces like flat and inclined roofs, terraces, balconies, pools and water tanks, corners of gutters, eaves and chimneys, and concrete, plaster, brick, zinc, galvanized and briquette surfaces.

SPECIFICATIONS

- Ready to use.
- Easy-to-apply semi-fluid. Covers tough surfaces easily. Low labor cost.
- Elastic. Elongates 600% after 24 hours at 23°C in 1 to 1.5 mm thickness.
- Adheres perfectly to all types of building materials.
(Adhesion strength on mineral based surfaces: 7.15 kgf / cm²).
- Maintains its elasticity in temperature differences (476% at 70°C, 397% at -17°C).
- Resistant against weak chemicals.
- Enables the surfaces to breathe.
(Water vapor permeability: 27.6 g/m² day after 24 hours at 23°C and 65% relative humidity)
- Tensile strength: (23°C - 65% RH) 24.5 kgf / cm² after 24 hours, 55 kgf / cm² after 72 hours.
- Does not contain any solvents.
- Decorative. Can be colored with Betekmatic tubes even though it is produced white (only 4-5 shades) or painted using a water-based paint with the same elasticity.

TECHNICAL SPECIFICATIONS

Form: Semi-fluid liquid

Color: White

Density: 1.29 ± 0.05kg/L

Breaking elongation: min. 600 %

Adhesion strength: 12 kgf/cm²

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. Recommended to clean plaster and concrete surfaces with soapy warm water before application. Ensure the application surface has a slope that will prevent ponding (min. 5%). Fill the gaps, holes on the surface with Stako repair mortar. Apply a coat of primer by thinning Aquaset with 100% water based on the condition of the surface, and apply two coats of not-thinned coat over the primer (Ensure the application is minimum two coats.) Apply the second coat in the direction that is 90° perpendicular to the application direction of the first. Apply Fibrous Aquaset in stripes at horizontal and vertical joints. Apply Aquaset 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 surface from such weather conditions at least for 24 hours after the application. It is possible to add color to Aquaset with the colors in Betekmatic color chart (only with 34-5 shades).

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.

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

1 Kg, 3 Kg, 20 Kg

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.D with TS-EN ISO 9001 and TS-EN 14001 Certificates.