



## BUILDING CHEMICALS PRODUCT GROUP

# Fawori SY2K



### DESCRIPTION

Cement- and acrylic-based, two-component, elastic water insulation material

Used for the protection and water insulation of all types of building elements on interior or exterior, vertical or horizontal surfaces, foundations, curtain and sustaining walls, wet areas like WC, bathrooms and kitchens, balconies and terraces, and small-scale water tanks and swimming pools. Cannot be used in areas exposed to negative water pressure.

### SPECIFICATIONS

- Highly adherent.
- Semi-flexible.
- Water-tight. Chlorine-water-tight as well.
- Resistant against water pressure and impacts.
- Bridges cracks.
- Forms a permanent layer without any joints and attachments.
- Breathable.
- Applied with a brush or trowel.
- Easy and fast to mix. Does not require water.
- Safe to contact with drinking water.

### TECHNICAL SPECIFICATIONS

Pressurized Water Strength	≥ 1.5 bar (positive direction)
Adhesion Strength	≥ 1.0 N/mm <sup>2</sup> (28 days)
Water Absorption	≤ 0.1 kg/m <sup>2</sup> h <sup>1/2</sup>

### COLOR

Acrylic component	white liquid
Cement component	gray powder
Mixture	gray

### SURFACE PREPARATION

Clean the application surface from all kinds of dirt, dust etc. preventing adhesion of the product. Use pressurized water and soapy warm water if required. Apply to raw plaster or concrete surface. Remove all the materials on the surface such as coating, paint using mechanical methods until brute concrete is reached. Ensure that the application surface is damp-dry and clean. Ensure the application surface has a slope that will prevent ponding (min. 5%). Use **Fawori T1** repair mortar for surface smoothness before the application. Bevel the vertical and horizontal cold joints with **Fawori T1** repair mortar by opening joint gaps. Moisturize the surfaces after the surface preparation is complete.

### MIXING

20 kg of cement-based component is mixed with 5 kg of acrylic-based component. Acrylic-based component and cement-based component ratio is 1/4. No extra water is added.

### MORTAR PREPARATION

**Fawori SY2K** components are added slowly and mixed with a low speed mixer for about 10 minutes until the mixture is free of lumps. The prepared mixture should be used up within 1 hour depending on weather conditions. Do not reuse the hardened material by reconstituting. Reduce the acrylic-based component amount by 30-35% to obtain the paste form for trowel application.

This product is manufactured by Betek A.Ş., with certificate of conformity to the standards TS EN ISO 9001, TS EN ISO 14001, TS 18001, TS EN ISO 50001, TS ISO 10002, TS ISO/IEC 27001.

\* Please contact our technical support for details that are not provided above, since this technical sheet is based on general conditions. Otherwise, the manufacturer may not be held responsible for any missing information. Our company reserves the right to change the information provided. Where necessary, please refer to the Material Safety Data Sheets for more information on health, safety and handling risks, and precautions associated with the products.



## APPLICATION

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 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. Should be protected with screed, ceramic or similar coats to enable all surfaces to display the required performance and strength against external impacts. Clean the application tools with water.

## DRYING TIME

Drying period between coats is 4 to 5 hours. Full dry: minimum 1 day.

Since drying occurs physically with the evaporation of water, low temperatures and high relative humidity lengthens this period.

## CONSUMPTION

≈3 kg/m<sup>2</sup> (2-coat application)

Please note that specified consumption values may vary to the surface and application conditions.

Perform a controlled sample run to estimate the precise consumption.

## PACKAGE

Acrylic-based component	5 kg plastic pail
Cement-based component	20 kg craft bag
Set	25 kg

## STORAGE

It can be stored for 12 months in its unopened package, dry and protected from moisture.

## HAZARD STATEMENTS

H315 Causes skin irritation.

H317 May cause allergic skin reactions.

H318 Causes serious eye irritation.

H335 May cause irritation in respiratory tract.

## PRECAUTIONARY STATEMENTS

P101 If medical advice is needed, keep the product container or label.

P102 Keep out of the reach of children.

P103 Read label before use.

P261 Avoid breathing its dust/fume/gas/mist/vapor/spray.

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

P305 + P351 + P338 IN CASE OF EYE CONTACT: Carefully rinse with water for a couple of minutes. Remove contact lenses if worn and easy to do so. Continue rinsing.

P310 Immediately CALL NATIONAL POISON CONSULTING CENTER AT 114/Call a physician.

P321 Specific treatment required (see label).

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

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

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

## WARNING STATEMENTS Danger – Caution



GHS05



GHS07

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Conforms to  **TS EN 14891. Certified as safe to contact with drinking water.**

**RATE NO.:** 10.300.2173 **POSE NO :** 15.270.1005, 15.270.1006, 15.270.1007, 15.270.1008



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