

**BSY-404-5KG / FAST SETTING SHOCK WATER PLUG MORTAR****GENERAL INFORMATION:**

It is a cement-based, fast-setting, mineral-filled, water-impermeable, one-component water plug mortar containing special chemical additives.

**FEATURES / ADVANTAGES:**

As soon as it comes into contact with water, it reacts and hardens within 30-60 seconds and stops the water flow. It is easy and fast to prepare.

**PRODUCT INFORMATION:**

Chemical Base Cement-based Appearance / Color Powder / Gray

**PERFORMANCE**

(23°C, 50% RH)

Dry Mortar Density (powder component) 1350 ± 200 kg/m<sup>3</sup> TS EN 1015-10

Compressive strength (28 DAYS) ≥ 40 N/mm<sup>2</sup> TS EN 196-1

Coating on it: 3-5 min.

These values were obtained as a result of laboratory tests carried out in our company and are valid for the performance of the finished applications at the end of the full drying period. Since the temperature and humidity values in the construction site environment and the application surfaces and areas will vary, the values may change.

**AREAS OF USAGE:**

Stopping pressurized incoming water;

Stopping applications under water;

Stopping active water leaks,

Watering concrete surfaces It can be used in waterproofing of elevator shafts,

Waterproofing of horizontal and vertical surfaces,

Waterproofing from negative and positive sides,

Water tanks, Reinforced concrete pipes.

**APPLICATION RESISTANCE:****SURFACE PREPARATION:**

The surfaces to be applied must be damp, dry surfaces must be moistened before application. Surface; It should be cured and sound. It must be cleaned of residues such as oil, grease, dirt, paint, salt vomit that will prevent adhesion.

**PREPARATION OF THE MIXTURE:**

BESTKİM Water Plug Mortar is prepared by mixing with some drinking water and forming a conical shape. The temperature of the water used affects the reaction rate. For this reason, it is recommended to prepare the mortar with warm water; especially in winter.

**APPLICATION:**

The prepared mortar is pressed against the water incoming space. Pressure is applied until you are sure that the water has completely stopped. Expired mortar should be disposed of.

**LIMITATIONS:**

Please adhere to the application instructions to obtain optimum quality. Surface temperature during application It should be between 5 °C and 35 °C. It should not be applied on surfaces where there is a danger of frost. Since the product is rigid, additional measures should be taken in areas that will be exposed to vibration.

**PACKAGING:**

5 kg pp bucket

10 kg pp bucket

**CONSUMPTION**

2 kg per 1 liter

**SHELF LIFE:**

1 year from the date of production in its original packaging, in dry and non-humid conditions (between 5 °C and 25 °C). The mouth of the containers should be tightly closed when not in use. It should be kept away from moisture. STORAGE CONDITIONS: It should be stored in its unopened original package, in a moisture-free, dry and cool (between 5 C and 25 C temperature) environment. It should not be left under direct sunlight.

**SAFETY:**

Since it is cement based, do not breathe the dust, use a mask. Avoid contact with skin and eyes. Use protective gloves, goggles and clothing. In case of eye contact, rinse with plenty of water and seek medical advice immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. Detailed Please refer to the Safety Data Sheet for information and recommendations.

**QUALITY CERTIFICATE:**

BESTKİM Laboratory Analysis Form BESTKİM YAPI KİMYASALLARI is not responsible for any application errors that may occur if the product is used for purposes other than its intended purpose or if the above-mentioned application conditions and recommendations are not followed. BESTKİM reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product.

**CERTIFICATE OF CONFORMITY**