



## TK-101 Stopper Mortar

### Product Description

It is a cement based, fast setting stopper mortar used to stop water leaks.

### Areas of Use

- It is used on the inner and outer reinforced concrete wall of the water tanks and tanks,
- In reservoirs, drainage systems and tunnels,
- For waterproofing pipe and cable passages,
- In filling and sealing of tension iron spaces in the mold.

### Application Surfaces

- On the inner and outer surfaces.
- Please consult for other surfaces.

### Advantages

- It is easy to apply.
- It becomes water-impermeable stopper by taking a sudden setting.
- It doesn't shrink, it doesn't crack.
- It does not corrode reinforced concrete reinforcement.
- It adheres perfectly to the surface.
- Its mechanical strength is very high.
- All kinds of waterproofing materials can be applied on it.
- It is safely used in foundations, basements, elevator wells, underground garages and warehouses, internal and external reinforced concrete walls of water tanks and tanks, reservoirs, drainage systems and tunnels.

### Preparation of the Surface

- The surface to be applied must be clean and free from oil, mortar, dust and flowering residues.
- If the water leak is pressurized, water from the surface must be drained through a pipe before application.



- Loose parts on the surface, residues that will prevent adhesion such as soil, oil, paint, mud and pitch should be cleaned.
- Cracks and gaps should be scraped to a width and depth of 2 cm and loose parts should be cleaned.

### Preparation of Mortar

It should be applied to the mortar in the form of dough in conical form in 1 minute and applied to the area where there is water leakage by hand, with a single movement and with pressure.

### Application Details

- It can be applied in powder or mortar.
- For application as a mortar, mix the product with water and apply it to the area where there is a leak.
- For dry application, apply the powder product directly to the leaking area.
- Constant pressure should be applied for at least 2 minutes until the material hardens.
- Immediately after the application, the excess on the surface should be removed with tools such as chisels and spatulas and the surface should be smoothed.

### Application Limit

It is not applied on wood, hardboard, plywood and metal surfaces.

### Application Requirements

- The ambient temperature should be between +5 °C and +35 °C.
- Application in very humid and / or very hot weather should be avoided.
- It should not be applied on frozen surfaces.

### Application Tools

Nitrile Gloves


### Warnings & Suggestions

- Foreign materials must not be added.
- Because it is cement based, do not breathe its powder, do not make contact with the skin and eyes.
- Protective gloves must be worn during use.
- Please consult when using with water.
- Please refer to the Safety Data Sheet for further information.


### Technical Information

Technical Information is relative to 55% ( $\pm 5$  °C) relative humidity environment at 23 °C ( $\pm 2$  °C).

View	Grey Powder
Application Temperature	+5°C / +35°C
Pot Life	1 minute
Final Drying	2-3 minutes
Adhesion Strength (EN 1542)	>0,50 N/mm <sup>2</sup> (28 days)

 **Consumption**  
2-3 kg / m<sup>2</sup> for 2 mm  
thickness

 **Packaging**  
5 kg-25 kg PE  
Bucket

 **Shelf Life**  
1 year from the date of production  
in drought and dry environments

 **Color**  
Gray