

# Rapid Stop CB 501

Construction Chemicals > Waterproofing Products > Cement-Based



A cement-based waterproofing material modified with chemical additives, it rapidly sets and hardens, preventing active water leaks by slightly swelling and acting as a plug on the surface.

## ■ Fields of Application

- Repairing active water leaks
- Stopping water seepage in static cracks
- In conjunction with waterproofing products in areas with negative water risk
- Filling tie-rod holes
- Water insulation of cable voids

## ■ Advantages

- Provides resistance against pressure
- It is single-component, mixed with water
- Does not cause corrosion of steel reinforcements since it does not contain chlorine
- Expands to act as an impermeable and water-repellent plug
- Allows for further construction (waterproofing applications) 15 minutes after application
- Easy to use

## 1 Surface Preparation

The surface to be applied should be free of oil, dirt, rust, and all loose materials; if necessary, clean with a water jet. The surface to be applied must have adequate strength. The areas to be plugged should be opened to a depth of approximately 2-2.5 cm. The surface to be plugged must be solid.

## 2 Preparation of the Mortar

Take the amount to be used within 60 seconds from the container. Mix with sufficient preferably lukewarm water to achieve a paste-like consistency. Gloves must be worn during the process. The prepared mortar should be consumed within 30 seconds. (Hot water can be used in cold weather.)

## 3 Application

Shape the prepared mortar by hand and press it into the area to be plugged, allowing it to harden. During this process, do not rub the material. Areas with excessive leakage or deep holes can be blocked by applying multiple layers. After application, cool and cure the mortar application surface by moistening for 15 minutes.

## 4 Precautions

- It is a rigid material, not flexible
- Ensure the weather is dry and the temperature is between +5°C and +30°C during application
- Do not mix other products into the prepared mortar
- Always use rubber gloves during application
- Avoid contact with eyes and skin
- Do not use expired mortar

## 5 Consumption Rate

Variable

## 6 Packaging

5 and 20 kg plastic buckets.

## 7 Shelf Life

At least 12 months in unopened packaging and protected from freezing.



## TECHNICAL DATAS

|                         |                                                      |
|-------------------------|------------------------------------------------------|
| Material Composition    | Mineral Filler, Polymer Reinforced Special Cement    |
| Appearance              | Gray powder                                          |
| Compressive Strength    | $\geq 25 \text{ N/mm}^2$                             |
| Application Temperature | (+5°C) - (+30°C)                                     |
| Pot Life                | 30 seconds                                           |
| Shelf Life              | 12 months in unopened packaging in a dry environment |
| Packaging               | 5 kg bucket                                          |