



SUPER-STOP

ULTRA FAST SETTING CEMENTITIOUS WATER STOP

Stops leaks in 30 seconds!

Description

SUPER-STOP is an ultra fast setting, chloride free hydraulic cement which sets immediately when exposed to water. Can be applied to concrete, masonry or stone to plug and stop active water leaks – in less than 30 seconds. **SUPER-STOP** can be applied in dry form to active leaks and it will mix with the incoming water to stop the leak. Alternatively it can be mixed with a small amount of water and held in place over the leak until the material sets (10-30 seconds).

Features

- **Stops leaks in less than 30 seconds**
- **Safe and easy to use – no mixing required in most cases**
- **Can be applied to damp and wet surfaces**
- **Can be applied to positive or negative water pressure side**
- **No odor or fumes**
- **Commercial and residential applications**

Surface Preparation

Like all good building practices, preparation is very important to ensure that the product will work with 100% effectiveness.

- Area to be filled must be sound, clean and free of any loose surface contamination..
- Remove any soft, deteriorated, and unsound material leaving an opening for the **SUPER-STOP** to fill and penetrate.
- It is very important that cracks are chiseled out to a U-shape profile before applying **SUPER-STOP** so that the product can expand to fill the area and provide sufficient holding strength. If the crack is not chiseled out and the product is applied to a flat wall surface over the crack, it will not hold.
- Do not apply to dry concrete – surface must be pre-wetted with water before applying product.

MIXING

- **Note: In most cases SUPER-STOP can be applied as dry powder without mixing.**

- Where mixing is desired, mix with warm (not hot) water to obtain desired consistency.
- Mix up only the amount required for the area you are repairing as the working time is less than 30 seconds.

Application

Ensure that the area to be filled has been chiseled out and prepared as per instructions under 'Surface Preparation', prior to applying **SUPER-STOP**.

Dry Method: For most leaking areas, firmly press **SUPER-STOP** powder against the incoming water and rub with gloved hand (using the gloves provided) until the water stops. For large areas of moisture penetration, rub **SUPER-STOP** powder into the wet surface area, adding more powder until the leak stops.

Mixed/Wet Method: When desired, mix an appropriate amount of powder with warm water to desired consistency and place firmly into the crack or hole using gloved hand or a brick jointer. Hold firmly in place until material sets – approximately 10-30 seconds.

Curing

- Once **SUPER-STOP** has set, voids can be filled with a 3:1 sand/cement mortar, gauged with 1:1 SBR/water, prior to application of **AQUA-STOP** to the entire wall surface.

Packaging

- **SUPER-STOP** is supplied in a 10 kg bag.

Storage and Shelf Life

- **SUPER-STOP** must be stored in a dry enclosed area in the pail provided or off the ground.
- Shelf life of the un-opened product is 12 months from date of manufacture.

Safety

- This product contains Portland cement and silica and is highly alkaline.
- Avoid contact with skin and eyes. Wear the chemical resistant gloves provided and protective eye wear during mixing and application.
- If contact with skin or eyes occurs, wash with plenty of clean water and seek medical attention.
- **KEEP OUT OF REACH OF CHILDREN**

Limited Warranty

It is the responsibility of the customer to determine the suitability of the product for the intended purpose. Factors such as temperature, surface preparation and applicator's skill are beyond the control of the company. Therefore, the manufacturer's liability is limited to the replacement of the defective material only.

Technical Information

TEST	RESULTS	METHOD
Color	Gray	
Aggregate State	Powder	
Compressive Strength	1100 psi (8 MPa) @ 1 hour 4000 psi (32 MPa) @ 24 hours 10000 psi (70 MPa) @ 7 days 10800 psi (75 MPa) @ 28 days	ASTM C-109
Flexural Strength	250 psi (1.8 MPa) @ 1 hour 580 psi (4 MPa) @ 24 hours 870 psi (6 MPa) @ 7 days 940 psi (6.5 MPa) @ 28 days	ASTM C-348
pH Value	11 – 13.5	

All data are an average of several tests under laboratory conditions. In practice, climatic variations such as temperature, humidity and porosity of substrate may affect these values.

Made for and distributed in the UK by:
Abacus Construction Products Ltd
25 Long Beach View
Eastbourne
Sussex
BN23 5NA
01323 479578

Sales@abacusconstructionproducts.co.uk
www.abacusconstructionproducts.co.uk

