

Cemstop SW10 & SW20

High performance, hydrophilic swellable water stops
for in-situ concrete

PRODUCT DATA SHEET

CEMKRETE[®]

ISO 9001 & 14000 CERTIFIED

Description

Cemstop SW10 & SW20 is suitable for use in contact with potable water. The **Cemstop SW10 & SW20** is a swellable water stop which can be installed and positively linked into conventional **Cemstop PVC** water stop networks. **Cemstop SW10 & SW20** can provide simple solutions to detailing pipe entries, construction joints in the vertical plane and to kicker joints. It can be linked to **Cemstop PVC** water stops to give an effective combination of water stops which maintain network continuity.

Uses

Cemstop SW10 & SW20 is used Integral sealing for construction joints in concrete cast in-situ. The swellable property will give pressure inside the joint. It is used where conventional water stops such as PVC or Rubber water stop are impractical to use because of limited access. It is very convenient and problem solving in situations where a conventional water stop would require complex shuttering. Typical uses include secant piled and diaphragm walled basements, pile caps and casting against old concrete.

Advantages

Multi-Ribbed sections provide a tortuous and impenetrable water barrier to the structures. The Rubber material and its types of cross-sections allow extremely easy on-sites welding process and its application.

Properties

Product Properties

Appearance	Rectangular elastomeric strips
Color	Orange / Red / Black
Solid content	100%

Technical Properties

Hardness shore A (ASTM D 2240)	45
Expansion volume rate	>300%
Service temperature	-30 °C to 50 °C
Hydrostatic head resistance	70 meters
Nominal Size	Cemstop SW10 5mm (t) X 20mm (w)
	Cemstop SW20 10mm (t) X 20mm (w)

Instruction for Applications

Cemstop SW10 & SW20 may be positioned by bonding an appropriate adhesive. The water stop may be installed either into a groove cast in the concrete or directly onto the concrete surface. Nailing may also be used.

Installation

The center of the water stop should be at the concrete joint and at the center of the concrete thickness. Steel wires and clips and be used to secure water stop in place before pouring the new concrete.

Estimating Supply

Cemstop SW10 : 20 m / roll

Cemstop SW20 : 6 m / roll

Storage

When stored in cool dry conditions, away from sunlight.

Precautions

Health and safety

There are no known health hazards associated with **Cemstop SW10 & SW20** in normal use.

Additional Information

Cemcrete manufactures a wide range of those complementary products which include:

- Waterproofing membranes & water stops
- Joint sealants & filler boards
- Cementitious & epoxy grouts
- Specialized flooring materials
- Fireproof coating and systems
- Concrete admixture
- Repairing material

For further information on any of the above, please consult your local **Cemcrete** office - as below.

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