

ConFix S 300

High Performance Swellable
Waterstop for Concrete Joints

DESCRIPTION

ConFix S 300 is made from high performance synthetic elastomer strips. The high swelling action is the result of contact between water and hydrophilic groups which are part of the ConFix S 300, molecular structure.

It provides efficient waterproofing of the construction joints of basements, retaining walls and water retaining structures.

ConFix S 300 can be applied against existing concrete and around the pipes in water retaining structures. It is simply installed by using a hydrophilic adhesive or PU Sealant. In contact with water, it react and swell by up to 250-300% of their original dimensions to form a compression seal. It can also be used in low movement construction joints.

USES

- **ConFix S 300** is used for integral waterproofing of the construction joints in concrete.
- It is mainly used for joints in retaining walls, pile caps and casting against concrete.

FEATURES & BENEFITS

- Easy to install.
- Provides solutions to detailing pipe entries, construction joints in the vertical plane and to kicker joints.
- Sustains effective seal in wet conditions.
- Solves detailing problems in conjunction with PVC Water Stops

TECHNICAL DATA:

Appearance	Polymer Rubber Strips
Color	Blue/ Red
Size	20 mm x 10 mm
Packing	10 Meters Roll
Store Conditions	Store in Dry, Frost free and out of Direct Sunlight
Solid Contents	100%

APPLICATIONS:

Surface Preparations:

Long term durability and function can only be achieved with good surface preparation to ensure that water could not by pass the swell bar. It is recommended that concrete substrate should have a minimum compressive strength of 20 N/mm, and at least 75 mm of concrete cover in all directions of the swell bar.

Placing:

ConFix S 300 is always placed in the middle of the joint. Apply Epoxy Bedding Mortar or PU Sealant on the surface where it is to be placed. Press tightly so it sticks to the concrete substrate properly, otherwise the full waterproofing effect will not be achieved.

After placing the **ConFix S 300** Waterbar the joint area should be kept clean and free of loose dirt and stones before concreting. The minimum concrete cover of **ConFix S 300** waterbar is 80 mm.

PACKAGING:

ConFix S 300 is available in 10 Linear Meter Rolls.

HANDLING & STORAGE:

ConFix S 300 has a shelf life of 12 months if kept in a dry cool place in the original packing.

HEALTH & SAFETY PRECAUTIONS:

Where temperatures is less than 5⁰ C or greater than 40⁰ C are encountered, Care should be taken while handling, storing and fixing **ConFix S 300**. Avoid contact with eyes, mouth, skin and foodstuffs. If accidentally swallowed, seek immediate medical attention.

Important Note:

RADIANT Construction Technologies manufactures wide range of construction chemicals, including admixtures, concrete repairing mortars, curing compounds, adhesives, concrete protection coatings, waterproof coatings, grouts & Tile Bond.

Separate Technical Data Sheets are available for these products.

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