



Supercast SW10 / SW20



Swellable waterstops for in-situ concrete

Supercast SW swellable waterstops are made from high performance synthetic elastomeric strips. The swelling action of the Supercast SW range is the result of contact between water and hydrophilic groups which are an intimate part of the Supercast polymeric structure. These hydrophilic properties are not subject to extraction and loss of swelling performance by prolonged or repeated wetting



Integral sealing for construction joints in concrete cast in-situ. Convenient and problem solving in situations where a conventional waterstop would require complex shuttering. Typical uses include secant piled and diaphragm walled basements, pile caps and casting against old concrete. The Supercast SW range can provide simple solutions to detailing pipe entries, construction joints in the vertical plane and to kicker joints.

They can be linked to Supercast PVC waterstops to give an appropriate effective combination of waterstops which maintain network continuity.

Technical Data

Product	Size
Supercast SW10	5mm x 20mm x 15m
Supercast SW20	10mm x 20mm x 5m
Supercast SWX	310ml Cartridge
Supercast SW Adhesive	380ml Cartridge

Applications

- Easy Installation - no site welding, complete watertight seal using Supercast SWX adhesive
- Excellent durability - can accommodate repeated wet / dry cycles
- Tolerant of salts in concrete and groundwater
- Wrc approved - for use in potable water applications
- Available in 2 grades SW10 & SW20



Supercast PVC Waterstops

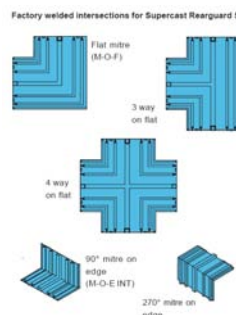


Centrally and externally placed PVC waterstops

The Supercast range of PVC waterstops is designed to provide an integral sealing system for movement and construction joints in concrete cast in-situ.

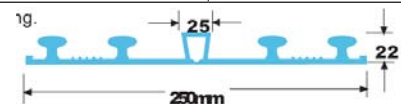
Supercast Rearguard

When used on ground slabs where the waterstop is supported on blinding, Supercast Rearguard profiles usually require no fixing. Lay the waterstop centrally over the line of the joint to be formed. Fixing to vertical shuttering is done by nailing through the outer nailing flanges leaving the head of the nail proud so that it is held in the cured concrete. This prevents the waterstop being displaced when the shuttering is struck.



Technical Data

Product	Size
Rearguard S200	200mm x 12m
Rearguard S250	250mm x 12m



Supercast Hydrofoil

Centre bulb sections are used in expansion, contraction and construction joints. The centre bulb allows for movements in a structure to be accommodated whilst its hexagonal design provides a flat surface.

This allows shuttering and joint fillers to fit snugly. All centrally placed Supercast waterstops incorporate an eyeletted, reinforced edge flange. This enables them to be easily positioned by wiring to surrounding reinforcement.

Technical Data

Product	Size
Hydrofoil H200	200mm x 15m
Hydrofoil H250	250mm x 12m

Hydrofoil sections



Supercast Twinstop

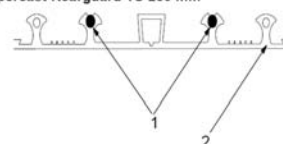
SUPERCAS TWINSTOP has been specially designed to provide significant advantages over co-extruded hydrophilic waterstops.

This enables the PVC waterstop to be fixed on site in the usual way, and provides the additional benefit of exposing two hydrophilic elements, by removing the Twinstop Security Seal tape just before the concrete is poured, thus avoiding the common problem of hydrophilic pre-swell on site.

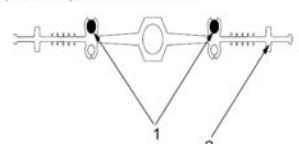
Technical Data

Product	Size
Rearguard TS 250	250mm x 12m
Hydrofoil TS 250	250mm x 12m

Supercast Rearguard TS 250 mm



Supercast Hydrofoil TS 250 mm



1 Supercast SW TS hydrophilic elements
2 Supercast PVC waterstop

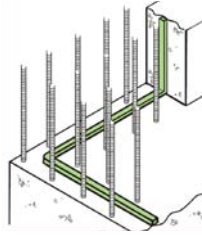
1 Supercast SW TS hydrophilic elements
2 Supercast PVC waterstop

GRACE Waterstops

Construction Products

Adcor® 500S

A conformable, swellable polymer/butyl rubber waterstop strip that expands in contact with water. When fully encapsulated by poured concrete, the expansive forces form a seal against concrete faces. The seal resists hydrostatic pressure, stopping water from entering sub-structures.

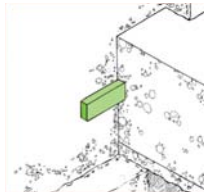


Technical Data

Products	Packaging
Adcor 500s	20mm x 25mm x 5m
Adcor Mastic	310ml Cartridge
Adcor Adhesive	310ml Cartridge
Adcor Mesh	1m Strips
Secura Clips	Each

Servistrip® AH 205

Servistrip AH 205 is a solid swellable rubber hydrophilic strip that exceeds the performance of thinly coated or hollow swellable strips. It can be cast into insitu concrete or used between insitu and existing concrete sections to provide a highly effective watertight seal. The rate of swelling is up to 400% from the original volume and is controlled to allow installation and exposure to rain.



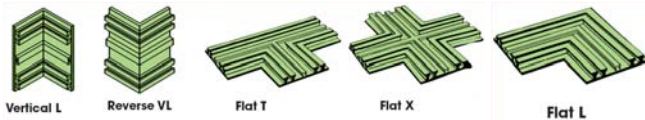
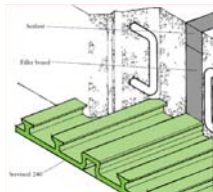
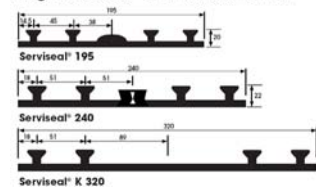
Technical Data

Products	Packaging
Servistrip AH205	20mm x 5mm x 10m
Pak Adhesive	310ml Cartridge

Serviseal®

Serviseal is an externally cast passive PVC waterstop system manufactured in a range of sizes for the protection of expansion, construction and contraction joints in reinforced concrete basements and sub-structures.

Range of Sections - all dimensions nominal

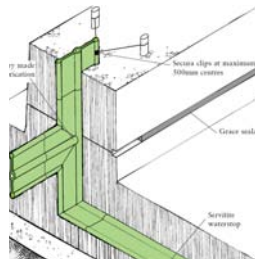


Technical Data

Products	Packaging
Serviseal 195	195mm x 10m
Serviseal 240	240mm x 7.5m
Serviseal K320	32mm x 7.5m
Serviseal PC	7.5m Coil

Servitite®

Servitite is a specially formulated PVC, internally cast, heavy duty waterstop system manufactured in a range of sizes and grades for use in reinforced concrete structures. Servitite is cast into the centre of the concrete member where it provides resistance against high hydrostatic pressure from both faces.



Technical Data

Products	Packaging
Servitite 150	150mm x 7.5m
Servitite 230	230mm x 5m
Servitite 305	305mm x 5m

PVC Edgetie™

PVC Edgetie is an internally cast passive waterstop system manufactured in a range of sizes for sealing joints in concrete structures subject to water pressure.

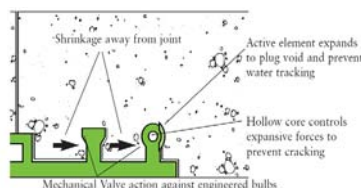
Technical Data

Products	Packaging
Edgetie 210	210mm x 10m
Edgetie 260	26mm x 7.5m

AT System

AT System waterstops have been specially developed for water excluding and retaining structures such as basements, reservoirs or sewage treatment works.

The AT System is an important advance in concrete joint protection that combines 'active technology' with the conventional mechanical properties of internally or externally placed PVC waterstops.



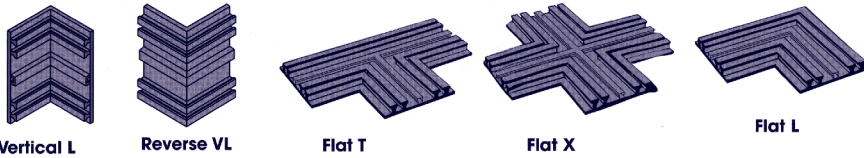
Technical Data

Products	Packaging
AT System 200	200mm x 7.5m
AT System 240	240mm x 7.5m

Bluebay PVC Waterstops

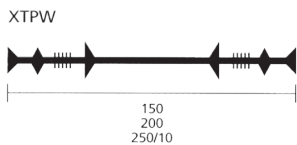
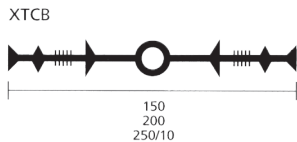
Bluebay high performance PVC waterstops for secure sealing of concrete structures. These high integrity multi-finned waterstops incorporate fines control barriers which improve density and provide superior sealing

Bluebay waterstops are interconnectable using preformed transitions and joints to allow a continuous seal in reinforced concrete structures.

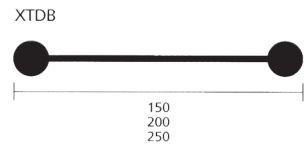
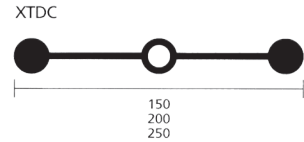
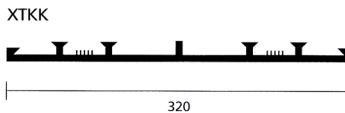
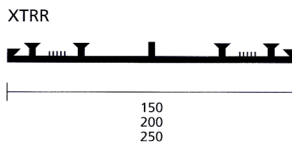
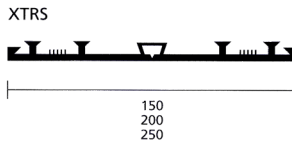


XTCB waterstops can be used in vertical and horizontal expansion joints giving two-way hydrostatic pressure resistance when cast centrally.

The XTCB / XTPW profiles are available with eyelets if required. The range is complete with the XTRS, XTRR and XTKK profiles.



All 250mm wide waterstops are available with a 10mm heavy duty



Technical Data

Product Accessories

- Jointing Jig
- 110v Hot Knife
- Gas Heated Knife

Applications

- Wide range of profiles
- Specific design for unique applications
- Eyelets
- Strength combines with flexibility
- Wrc approved for potable water
- For use with: construction & expansion joints, Contraction joints, internal / external joints.

Product Range	Product Size
XTCB 150	10 m Coil
XTCB 200	10 m Coil
XTCB 250/10	10 m Coil
XTPW 150	10 m Coil
XTPW 200	10 m Coil
XTPW 250/10	10 m Coil
Flat L T X Rev VL Vert L	

Product Range	Product Size
XTRS 150	10 m Coil
XTRS 200	10 m Coil
XTRS 250	10 m Coil
XTRR 150	10 m Coil
XTRR 200	10 m Coil
XTRR 250	10 m Coil
XTKK 320	10 m Coil
Flat L T X Rev VL Vert L	

Product Range	Product Size
XTDC 150	10 m Coil
XTDC 200	10 m Coil
XTDC 250	10 m Coil
XTDB 150	10 m Coil
XTDB 200	10 m Coil
XTDB 250	10 m Coil
Flat L T X Rev VL Vert L	



THOROPLUG

Ultra Rapid Setting Mortar to Plug Active Water Leaks

THORO WATERPLUG, when mixed with clean water, provides a ready to use ultra rapid setting durable plugging mortar for active water leaks in concrete and masonry. The material expands as it cures to form a watertight seal with similar characteristics to concrete.

THORO WATERPLUG is used to stop active water or seepage under pressure through joints, cracks and holes in concrete or masonry, where a normal mortar would be washed away and resin mortars would not bond

Technical Data

Product	Size
Thoro Waterplug	5 & 25 kg

Features & Benefits

- Ultra-rapid set, instant plugging of leaks
- Requires the addition of water only
- Expands as it sets, giving a permanent watertight seal
- Does not promote corrosion of the reinforcement
- Similar characteristics and compatible with concrete
- Chloride-free
- Does not promote corrosion of the reinforcement



Synkoflex



Synkoflex

Synkoflex is a unique non-swelling, pre-formed plastic adhesive waterstop that bonds fast to cured concrete surfaces and fuses with fresh concrete.



It provides watertight integrity for construction joints in concrete structures in places where swellable waterstops are not best suited, such as bund walls and thin section walls and slabs.

Technical Data

Product	Size
Synkoflex	5mm x 20mm x 15m

Applications

- Can be applied onto freshly poured concrete
- Can be applied onto existing concrete which is primed with Synkoflex Primer
- Easily joined to Supercast PVC waterstops
- Highly adaptable to complex joint shapes
- Resistant to chemicals



Dualseal Waterstop



Dualseal Waterstop

Dual Seal Waterstop is a Bentonite based waterstop which reacts in contact with water by swelling to form a watertight seal in concrete structures.

Dual Seal Waterstop has been independently tested up to 30 metre head of water, it has full WRAS approval for use with potable water.

Uses:

Dual Seal Waterstop has been specifically designed to seal construction joints against the ingress or outgress of liquids in water retaining or excluding structures. Dual Seal Waterstop can be applied to green concrete and in damp conditions.

Technical Data

Products	Size
Thickness	7mm
Roll Width	25mm
Roll Length	8m



Dualseal Swelltite

Dualseal Swelltite

Swelltite Hydrophilic Waterstop is manufactured from a neoprene polymer based hydrophilic compound and high water absorbent resins. Swelltite has been specifically designed for use in sealing construction joints between pre-cast concrete units, steel and in-situ concrete.

Unlike traditional waterstops Swelltite is centrally placed and bonded flat in the joint prior to making the second pour. Activated by water Swelltite will swell up to 5 times it's volume and seal the passage of water by exerting pressure across the joint.

Technical Data

Products	Size
Thickness	5mm
Roll Width	20mm
Roll Length	15m

Applications

Swelltite was primarily developed for use to provide a watertight seal between pre-cast concrete units such as concrete pipes and tunnel segments, however it can be installed into a previously formed rebate for use in in-situ concrete.



Hydrotite

Hydrotite is the original expanding rubber seal used in a variety of applications for sealing joints against water penetration.

Initially developed for sealing segmental concrete tunnel linings, Hydrotite is a compound of polychloroprene (Neoprene) and hydrophilic resin. When in contact with water and allowed to expand freely (depending on the grade and water conditions), Hydrotite will swell up to 7 times its original volume.



In practice, Hydrotite should be confined in a joint and will expand to fill the gap and create a pressure between the joint faces. By careful selection of the section to suit the application, pressures significantly in excess of 10 bar can be sealed.

Technical Data

Products	Size
Hydrotite	7mm x 25mm x 10m
Hydrotite Primer	5 Litres

Applications

- Concrete /cast iron segmental tunnels / shafts
- Construction joints in in-situ concrete
- Box culverts
- Flexible jointed concrete pipes and steel banded jacking pipes
- Swimming pools and tanks
- Fixings to existing concrete or brickwork for penstock valves etc