



10.02 FAST WATERSTOPS (PVC)

Flexible PVC Water Stops for Construction Joints

PRODUCT DESCRIPTION

FAST Water Stops are high grade PVC extrusion formulated to meet the highest performance specifications. Fast Water Stops are supplied as straight lengths along with factory fabricated junction pieces to simply layouts and site jointing.

USES

Embedded in concrete, across and/or along the joint, FAST Water Stops form a watertight diaphragm that prevents the passage of fluid through the joint.

- **Water Retaining**
Tanks, reservoirs and sewerage plants, swimming pools, Elevated water towers, Oil storage tank bond walls, Culverts, Canals and dams.
- **Water Excluding**
Basements, Underground car parks, Buried storage tanks, Retaining walls, Tunnels and subways.

ADVANTAGES

- Unique design
- Full range of profiles
- Full range of factory fabricated junctions
- Continuous 4 valve network
- Reinforced edge flange with brass eyelets on internal sections for secure fixing
- Easy jointing system
- Approved for use in contact with potable water.

STANDARDS COMPLIANCE

Complies with US Corps of Engineers specification CRD-C-572 and BS 2571 test method BS 2782:320A ASTM D0412 & ASTM D-638

PROPERTIES

Density: 1.45 ± 0.15 kg/l
Chemical Base: Polyvinyl Chloride
Service Temperatures: -35⁰C to +55⁰C
Tensile Strength: > 10 N/mm² (DIN 53455)
> 12.17 N/mm² (CRD-C573, ASTM D412)
> 11 N/mm² (BS2782 M320A)
Tear Strength: > 12 N/mm² (DIN 53507A)
Shore A Hardness: 90±5 (DIN 53505)
Elongation at Break: >300% (DIN 53455)
>300% (CRD-C 573, ASTM D412)
>300% (BS 2782 M320A)
Chemical Resistance: Water, seawater, sewage, road salt solution.
Temporarily: Diluted inorganic alkalis, Mineral acids and mineral oils
Alkali Resistance: Passed. CRD-C 572-65

PAKAGING

100 Rft Roll

STOARGE

Store in dry and cool place below 35⁰C.
Protect from direct sunlight.

INSTRUCTION FOR USE

Welding temperature: Approx. 200⁰C



SELECTION

The selection of a suitable FAST Water Stops is governed by the type of joint, concrete thickness, grade of concrete, reinforcement position, expected movement (expansion/shear) as well as water head to which it is to be exposed.

GENERAL GUIDE LINES

Experience has shown that application of a few simple rules will ensure a good result.

INSTALLATION/FIXATION

Centrally placed FAST Water Stops:

Installation in the center of the concrete Structures. Easy anchoring of FAST Water Stops to reinforcement with special clips (5 pieces per m). Surface Fast Water Stops installation on the surface of the formwork or on the surface of the base/dry lean concrete.

PRECAUTIONS & LIMITATIONS

Welding should take place in ventilated area or while wearing and oxygen mask.

WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to FastChem Construction Chemicals ("FastChem") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond FastChem's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product. FastChem shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. FastChem's sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.

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