

PVC WaterStop

Super Quality PVC Waterstop

Product Description

PVC WaterStop is extruded from an elastomeric polyvinyl chloride rubber. PVC WaterStop are designed in precision engineered profiles to stop any possible leakage from construction, contraction and expansion joints in cast-in place concrete elements.



PVC WaterStop are produced in two profile ranges; one used for internal fixing and the other for external fixing.

Both profiles can be used in combination as an integrated system suitable for use in water retaining and water excluding structures. Internal fixing profiles have brass eyelets at 300 mm spacing enabling the water stop to be tied to the reinforcement for support during concreting.

External fixing profiles can be fixed by using nails onto the form work or onto the blinding concrete.

Areas of Application

PVC WaterStop is suitable for use in construction, contraction and expansion concrete joints in the following structures:

- Water reservoirs.
- Waste water treatment plants.
- Storage tanks.
- Retaining walls, foundations, basements and suspended slabs.
- Swimming pools.
- Subways, tunnels and culverts.
- Canals, pumping stations and underground chambers.

Advantages

- Unique profile design with multiple ribs.
- Has no effect on the quality of potable water.
- Brass eyelets at 30 cm spacing for more rigidity while concreting.
- Hollow center bulb for expansion joints to accommodate movement.

Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.

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- Prefabricated junction pieces.
- Easy to join on site.
- Resistant to wide diluted chemicals including hydrocarbons.

Standards

PVC WaterStop complies with BS 2782, and U. S. Corps of Engineers CRD- C 572-74 for the following properties:

Technical Data

Property	
Color	Yellow
Tensile Strength	>13.0 MPa
Elongation at Break	>310 %

Method of Installation

PVC WaterStop fixed inside the shutter should be tied by wire to the reinforcement through the eyelets in the edge flanges. PVC WaterStop fixed external should be fixed before concreting with nails to the concrete blinding and vertical shutters through the edge flanges.

Site Welding

The key to a leak free water stop network is correct onsite joining. PVC WaterStop is made of thermoplastic PVC, and can be easily welded using suitable heating processes, such as welding knife. Cut the edges to be welded in a sharp and straight line then secure the ends in a welding jig. Use the welding knife between the ends, until an even, molten bead appears. Remove the welding knife and press the ends firmly together.

Packaging

Internal fixing profiles are supplied in 25 meter rolls.
External fixing profiles are supplied in 25 meter rolls.

Storage

PVC WaterStop should be stored away from direct sunlight.

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