

Waterstops

✓ P.V.C Waterstops



Strubar®

Flexible PVC Waterstop

Uses

- Water/Waste Water Treatment Plants
- Lock and Dam Systems
- Reservoirs and Aqueducts
- Flood Walls • Retaining Walls
- Foundations
- Tunnels and Culverts
- Bridge Abutments
- Containment Structures and Tanks
- Slabs-on-Ground

Advantages

- Embedded in concrete, across and/or along the joint, waterstops form a watertight diaphragm that prevents the passage of liquid through the joint.
- Suitable for potable water contact, meets NSF/ANSI Standard 61.
- Meets the physical property requirements of Army Corp. of Engineers PVC Waterstop Specification CRD-C 572-74

Description

Strubar are extruded from a high grade PVC compound which has been formulated to give excellent flexibility and longevity characteristics. They are available as straight lengths and factory produced intersections or as a factory prefabricated segment of a network to minimize site jointing.

Properties

Shore A Hardness	80 +/- 5
Tensile Strength	Minimum 14 N/mm ²
Elongation	≥300%
Tear Strength	300 lb/in min
Ambient Air Temperature	Low Temperature Brittleness Passes at -35°F (-37°C)

Application

Strubar PVC Waterstop must be installed prior to concrete placement to ensure proper positioning and concrete consolidation around the waterstop. All transitions, intersections, and splices should be heat welded to maintain continuity. Factory Made Fabrications are recommended for all intersections and changes of direction. Specific installation requirements will vary depending on the style of profile, please refer to Strumix's PVC Waterstop Installation Guide and Splicing PVC Waterstop Installation Guide available at Strumix.com. All transitions, intersections, and splices must be heat welded using a Strumix Strubar Splicing Iron in compliance with the instructions shown in Strumix's Splicing PVC Waterstop Installation Guidelines found at Strumix.com.

Packaging

Strubar PVC Waterstop is available in 25 meter rolls.

Storage

Strubar PVC Waterstop has a minimum shelf life of 24 months at 20°C if kept in a dry store in the original, unopened packs. Material must be protected from direct sunlight. The shelf life will be reduced at higher ambient temperatures.

Precautions

Health and safety:

Hot weld site jointing of PVC waterstops results in the liberation of hydrogen chloride mist and vapour. The OEL (operational exposure limit) of 5 ppm can be exceeded in still air confined spaces, therefore forced ventilation must be provided or a suitable respirator used.

Fire:

Strubar is unflammable.

