

REC PVC WATER STOPS

CENTRALLY AND EXTERNALLY PLACED PVC WATERSTOPS

DESCRIPTION

REC PVC WATER STOPS are high-quality extruded PVC water stops manufactured in accordance with major international standards to provide reliable sealing and superior physical performance. They are specially designed for use in the construction industry in water-retaining and water-excluding concrete structures where protection against water penetration is required at expansion, construction, and contraction joints. When properly embedded in concrete, **REC PVC WATER STOPS** form a continuous and effective barrier that helps prevent water ingress and provides reliable water tightness in a wide range of concrete structures.

PRIMARY APPLICATIONS

The REC PVC WATER STOPS range of economical PVC Water stops is designed to provide an integral sealing system for movement and construction joints in concrete cast in-situ.

WATER-RETAINING STRUCTURES

- Sewage Treatment Plants
- Water Treatment Plants
- Swimming Pools
- Reservoirs
- Dams and Spillways
- Bund Walls

WATER-EXCLUDING STRUCTURES

- Basement Areas
- Underground Car Parks
- Tunnels
- Retaining Walls
- Suspended Slabs
- Pits
- Roof Slabs

FEATURES AND BENEFITS

- A range of profiles and sizes to suit all construction requirements.
- Factory-made intersections to simplify and minimize on-site fabrication.
- Conforms to relevant international standards.
- On-site welding equipment available.
- Eyelets punched in outer flanges for easy wire tying to reinforcing bars.
- Long roll lengths to reduce the amount of welding and joining required on site.

TECHNICAL INFORMATION

Tensile Strength	18 MPa minimum
Elongation at Break (ASTM D638)	470% minimum

Shore A Hardness (ASTM D2240)	70–90
Hydrostatic Head	30 m
Joint Movement	Up to 10 mm
Water Absorption (ASTM D570)	0.15% maximum
Stiffness in Flexure	700 psi

COMPLIANCE

BS 2571 Specification for Flexible PVC Compounds, Class 3, Type E3.

PACKAGING

REC PVC WATER STOPS can be supplied in various packaging sizes.

DOSAGE / SELECTION

The correct width of the Water stop depends on the thickness of the concrete and the positioning of the reinforcement. The thickness of the concrete should be greater than or equal to the width of the Water stop profile.

IMPORTANT NOTE

The efficiency of any REC PVC WATER STOPS is highly dependent on good workmanship and full compaction of the encasing concrete. Without due consideration of both factors, optimum performance will not be achieved.

DIRECTIONS FOR USE

REC WATER STOPS should be installed securely and continuously along the designated concrete joint, with the profile positioned correctly according to the joint design. Ensure that the Water stop is firmly supported and protected from displacement during concrete placement. All joints and connections should be properly joined to maintain a continuous watertight barrier. Concrete should be placed and thoroughly compacted around the Water stop to eliminate voids, air pockets, and honeycombing and to ensure complete contact between the concrete and Water stop. Care should be taken to prevent damage, folding, or movement of the Water stop during installation and concreting. Where joining is required, use suitable heat-welding or approved joining methods to achieve a secure and watertight connection. The finished installation should be inspected before and during concrete placement to ensure that the Water stop remains correctly positioned and free from damage.

QUALITY STATEMENT

All our products are manufactured to comply with our internal quality management system to ensure consistency and quality.

DISCLAIMER

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