

ContecSeal WS109

PVC Waterstops

Description

ContecSeal WS109 is made by high-grade polyvinyl chloride (PVC) resin extrusion compound that is plasticized and stabilized to offer long life performance.

Properties

Color	Blue
Tensile strength	9.0 N/mm ²
Elongation at break	>220%
Liner expansion*	± 8 mm
Shear movement*	± 12 mm
Max. water head**	10 mm

* For 200 & 250mm width expansion joints profiles.

** for 200 & 250mm over all width profiles.

Advantages

- Unique profile design with multiple ribs.
- Easy to join on site
- Has no effect on the quality of potables water.
- Brass eyelets at 50 cm spacing for more rigidity while concreting
- For valve sealing system on all profile

Application

ContecSeal WS109 is designed to provide a complete sealing network for expansion and contraction /construction joints in water retaining and water excluding in-situ concrete structures.

ContecSeal WS109 prevents the passage of water through expansion /contraction/construction joints in the following typical structures:

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

Packaging

Internal fixing profiles are supplied in 20-meter rolls. External fixing profiles are supplied in 12 or 20 meter rolls.

Shelf Life/ Storage

ContecSeal WS109 should be stored away from direct sunlight.

Method of installation

ContecSeal WS109 fixed inside the shutter should be tied to the reinforcement through the eyelets in the edge flanges. ContecSeal WS109 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 on-site jointing. ContecSeal WS109 is made of thermoplastic PVC and can be easily welded. 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.

Profiles and dimensions

EC200-EC250 External Fix construction joints



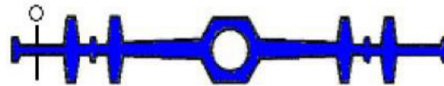
EE200-EE250 External Fix expansion & construction joints



IC 150 - IC200- IC250 Internal Fix construction joints



IE 150 - IE200- IE250 Internal Fix expansion & construction joints



08/2022-CTC