

Estopper CJ/EJ320

Centrally Placed PVC Waterstop

Description

Estopper CJ/EJ320 waterstop is extruded from a high quality Polyvinylchloride compound, which has been formulated to provide excellent flexibility and longevity characteristic.

They are available as straight lengths and factory produced intersections.

Estopper CJ/EJ320 centrally placed Polyvinylchloride waterstops are suitable for use in contact with potable water.

Uses

They are used typically in the following type of structures:-

- Dams/Canals/Spillways
- Tunnels and subways
- Basements and underground structures

Advantages

- Simple on site jointing
- 4 bulbs profile for excellent performance
- Reinforced eyeleted for positive fixing
- Factory fabricated intersections available
- Suitable for potable water usage

Standards Compliance

- **BS2782:Part 3:1976 (Method 320A – 320F)**
- **BS2782:Part 3:1981 (Method 365B)**

Selection of Waterstop Size

The appropriate waterstop width depends upon the concrete thickness. The width of waterstop should not be greater than the thickness of the concrete.

Estopper PVC Waterstop Sections

Centrally Placed Waterstops:

Plain Web sections are used in contraction and construction joints

Estopper CJ320 Profile



Centre bulb section is used in expansion, contraction and construction joints

Estopper EJ320 Profile



Above profiles are in 320mm width. Please contact ESTOP technical department for complete dimension drawing.

Estopper CJ/EJ320 is a centrally placed PVC waterstop. The waterstop should be positioned inside the joint so that one half of the waterstop width is embedded into each concrete pour.

Physical Properties

Compound	
Standard Conform	BS 2782 at 25°C
Tensile Strength	> 13.5 N/mm ²
Elongation at Break	> 300 %
Hardness	> 80
Service Temperature	-10 to 55 °C
Profiles	
Form	Extruded thermoplastic sections
Colour	Black

Heat Jointing Equipment (220 V)

Heat welding equipment is available from Estop Sdn Bhd. Ensure the heat welding equipments are earthed by the green wire.

Installation Instructions

Waterstops must be installed so that they are securely held in their position while the concrete is being placed. Concrete must be fully compacted around the waterstops to ensure that no voids or porous area remain.

Site Jointing Instructions

Jointing of **Estopper CJ/EJ320** waterstop is carried out using Estop Heat Welding Equipment. The ends to be joined are cut square and held in alignment. The ends are then pressed to both side of a special heated blade, until an even, molten bead of PVC appears around the section.

The heated blade is then removed and the molten ends pressed fully together. The PVC cools to form a strong fusion welded joint.

An experienced technician would perform the jointing of the waterstops to satisfaction, subject to prior training and approval by Estop Technical Department.

Packing & Size

Estopper CJ/EJ320	320mm x 10m roll
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Technical Support

Estop offers a technical support package to specifiers, end-users and contractors, as well as on site technical assistance.

Storage

Estopper CJ/EJ320 waterstops should be store under covered condition. The product has a shelf life of thirty six months.

Precaution

Hot weld 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 space, therefore ventilation must be provided.

Additional Information

Estop manufactures and offers a wide range of complementary products which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.

Important Note

Estop products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which may be obtained on request. Whilst Estop endeavors to ensure that any advice, recommendation, specification or information in may give is accurate and correct, it shall not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.