Estopper EJ75

Centrally Placed PVC Waterstop

Description

Estopper EJ75 is a specially designed profile for use in expansion or isolation joints in concrete where traditional PVC waterstop profiles cannot be placed due to the interference of reinforcement bars.

Uses

- Expansion or isolation joints in concrete where reinforcement does not allow the use of traditional, wider type, PVC waterstop profiles.
- Double beam expansion joints.
- Podium slab to building expansion or isolation joints.
- Slab to column expansion joints.
- Slabs & suspended slabs with double beams & columns.

Advantages

- Ability to waterstop the joint where traditional PVC waterstop profiles cannot be placed due to their inappropriate design and width.
- Able to accommodate large movements in expansion/isolation joints due to its innovative design.
- Able to accommodate longitudinal, lateral and differential movements in expansion/isolation joints.
- A high performance material produced from virgin PVC compound giving long term integrity and durability overtime. No scrap or recycled PVC's are used.
- Waterstop the joint and allows it to expand and contract freely from movements caused by thermal fluctuations and serviceability loads from within the structure.
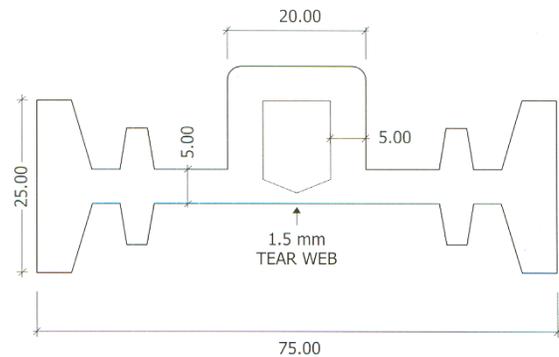- Easy to install.

Standard Compliance

- **BS 2782:130A**
- **BS 2782:320A**
- **BS 2782:630A to 620D**
- **ISO 868-2003 (E)**
- **BS EN 60811-3-2:1995**
- **BS EN ISO 62:1999**

Physical Properties

Tensile Strength, MPa BS 2782:320A	14.3
Elongation % at break BS 2782:320A	370
Loss of Mass, mg/cm^2 BS EN 60811-3-2:1995	1.9
Water Absorption,% BS EN ISO 62:1999	0.04
Specific Gravity BS 2782:630A to 620D	1.40 max
Hardness, Shore A ISO 868-2003 (E)	75
Thermal Stability, min BS 2782:130A	258

Product Dimension

Application Instructions

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

Waterstop 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 waterstop to ensure that no voids or porous area remain.

Site Jointing Instructions

Jointing of **Estopper EJ75** Range 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 waterstop to satisfaction, subject to prior training and approval by Estop Technical Department.

Packing & Size

Estopper EJ75	75 mm × 10 mr roll

Technical Support

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

Storage

Estopper EJ75 waterstop should be store under covered condition. The product has a shelf life of thirty six months.

Additional Information

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