

Estop Rubber Waterstops

Waterstop For High Movement Joints

Description

The **Estop Rubber Waterstop** is an integral sealing system for high movement joints in water retaining and water excluding structures. It is suitable for joints and structures subject to high water pressure, subsidence and seismic movements.

Uses

The **Estop Rubber Waterstop** is suitable for structures where the joints are subjected to high water pressure or pronounce repeated movements.

- Dams, culverts, canals, spillways
- Water towers, reservoirs
- Sewage tanks
- Tunnels and subways
- Basement substructures

Advantages

- High elasticity accommodates pronounced cyclic movement
- High elongation to cater for subsidence and seismic movement
- Withstands high water pressures

Physical Properties

Compound	
Tensile Strength	> 11 N/mm ² @ 25°C
Elongation at Break	> 300 % @ 25°C
Shore 'A' Hardness	60 ± 5
Profiles	
Form	Elastic solid sections
Colour	Black
Section Profile	Plain Web Dumbbell & Centre Bulb

Applications

Waterstop selection

Dumbbell and Centre Bulb **Estop Rubber Waterstop** are centrally placed type of sealing system. **Estop Rubber Waterstop** is particularly suited to high movement joints and joints in structures liable to subsidence.

Plain Web: Suitable for construction joints, contraction joints and joints where no shear movement is possible.

Centre Bulb: Suitable for expansion joints and joints with high movement.

Installation

Estop Rubber Waterstop is to be installed securely held in their correct position whilst the concrete is placed. The concrete must be fully and properly compacted around the **Estop Rubber Waterstop** to ensure that no voids or porous areas remain.

No holes are to be made through any waterstop.

Estop Rubber Waterstop can be jointed with Hot or Cold Vulcanizing Method.

Packing & Size

Plain Web Dumbbell	150mm x 15m roll 230mm x 15m roll
Centre Bulb	150mm x 15m roll 230mm x 15m roll 305mm x 15m roll 500mm x 15m roll

Technical Support

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

Storage

Estop Rubber 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 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.