

Estopper TPR

Thermoplastic Rubber Waterstop For High Movement Joints

Description

The **Estopper TPR** 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 **Estopper TPR** is suitable for structures where the joints are subjected to high water pressure or pronounced repeated movements.

- Dams, culverts, canals, spillways
- Water towers, reservoirs, treatment plant
- Sewage tanks
- Tunnels and subways
- Basement substructures
- Power plant water intake

Advantages

- Ease of jointing at site, using Estop Heater Blade
- Time and cost saving in jointing straight length and intersection
- 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
Profiles	
Form	Extruded Thermoplastic Section
Colour	Black
Section Profile	Plain Web Dumbbell & Centre Bulb

Applications

Estopper TPR selection

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

Estopper TPR Dumbbell: Suitable for construction joints, contraction joints and joints where no shear movement is possible.



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



Installation

Estopper TPR 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 **Estopper TPR** to ensure that no voids or porous areas remain.

No holes are to be made through any waterstop.

Estopper TPR can be jointed with **Estop Heater Blade**.

Packing & Size

Estopper TPR 150 Dumbbell	150mm x 15m roll
Estopper TPR 230 Dumbbell	230mm x 15m roll

Estopper TPR 150 Centre Bulb	150mm x 15m roll
Estopper TPR 230 Centre Bulb	230mm 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

Estopper TPR 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.

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.