

SUPERSTOP – PVC WATERSTOPS

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

SUPERSTOP PVC Water stops (**Heavy Duty Water Stops**) are manufactured from a high-quality virgin PVC compound which has been formulated to give excellent flexibility and durability to offer long life performance in concrete structures against water leakages.

They are extruded in a range of profiles.

SUPERSTOP is designed to stop any possible leakage from construction, Contraction and Expansion joints in concrete elements. **SUPERSTOP** is used for internal fixing and external fixing. Internal fixing profiles have brass eyelets at about 300mm spacing enabling the water stop to be tied to the reinforcement for support during concreting. External fixing profiles can be fixed by using nails. **SUPERSTOP** water stops are manufactured to meet the most stringent specifications and are resistant to abrasion and chemicals.

ADVANTAGES

Proven design with multiple ribs.

4 diamond bulbs act in compression and extrusion

Deep rib tortuous path provides better bond to concrete and water tightness

Wide expansion bulb enables joint fillers to be fully supported.

Flexible to accommodate movement

Reinforced eyelet edge flanges for positive fixing

Simple job site splicing

Full range of intersection pieces

Suitable for use in potable water structures and has no effect on the quality of potable water.

USES

Reservoirs, Water towers and sewage tanks

Swimming pools

Dams, Culverts, Canals and spillways

Bunded areas surrounding liquid retaining tanks

Basements and underground car parks

Tunnels and subways

Abutments and retaining walls

Roof decks and podium areas

STANDARDS

BS 2782

TECHNICAL SPECIFICATION

PROPERTY	TYPICAL RESULTS
Tensile Strength	14 (Min.)
Elongation at break	300% (Min.)
Shore Hardness ‘A’	80
Hydrostatic head	Up to 10m

PROFILES

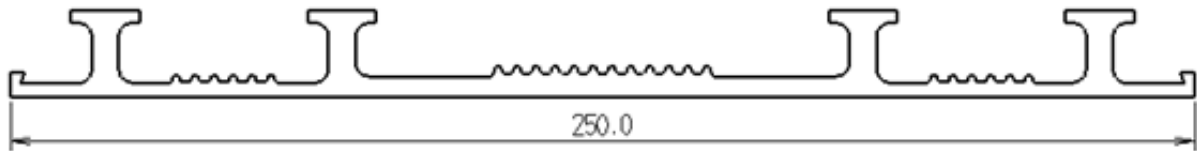
The profiles listed can also be supplied in 150, 200, 250 and 300 mm widths. Heavy duty 10 mm thick profiles are available for situations where hydrostatic head will exceed 50 Mtr.

Other profiles at different widths can be extruded upon request.

EXTERNAL CONSTRUCTION JOINT - ECJ

Thickness 3 to 4 mm, Construction joint, Rear fix, 250mm wide.

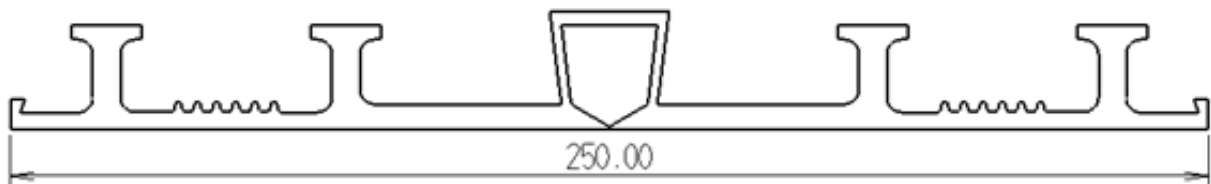
For use in construction and contraction joints at the rear of the section such as slabs and walls



EXTERNAL EXPANSION JOINT - EEJ

Thickness 3 to 4 mm, Construction joint, Rear fix, 250mm wide.

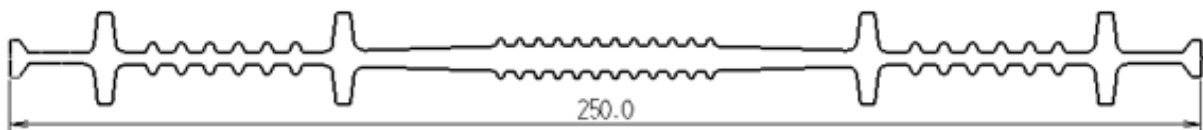
For use in expansion joints at the rear of the section such as slabs and walls.



INTERNAL CONSTRUCTION JOINT - ICJ

Thickness 3 to 4 mm. Construction joint, Center fix, 250mm wide.

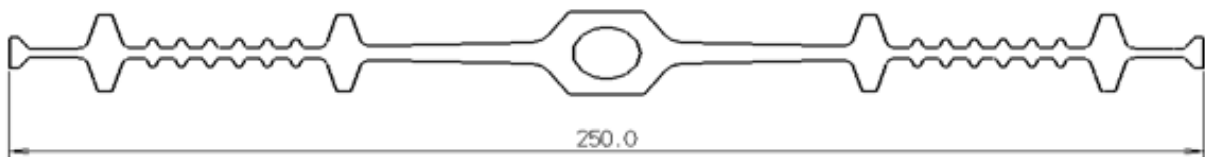
For use in construction and contraction joints at the center rear of the section such as kickers and day work joints



INTERNAL EXPANSION JOINT - IEJ

Thickness 3 to 4 mm. Expansion joint, Center fix, 250mm wide.

For use in expansion joints at the center of the section such as slabs and walls.



COLOUR

Standard color's: Blue, Green or as per customer requirement.

PACKING

10 / 15 Mtr rolls. Pallatised and Shrink wrapped.

STORAGE

SUPERSTOP should be stored away from direct sunlight.

CAUTION

Hot welding of PVC will generate hydrogen chloride fumes; therefore, the working area should be properly ventilated. Jointing should be taken in a well-ventilated area. It is recommended to wear oxygen mask during welding. Avoid breathing fumes.

Manufactured For,