DUSTOP

PVC WATER STOP

DESCRIPTION

DUSTOP PVC 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.

DUSTOP is designed to stop any possible leakage from construction, Contraction and Expansion joints in concrete elements. **DUSTOP** is used for internal 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. **DUSTOP** water stops are manufactured to meet the most stringent specifications and are resistant to abrasion and chemicals.

FEATURES AND BENEFITS

- 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

SPECIFICATION AND COMPLIANCE

DUSTOP water stops are tested in accordance with CRD-C572-74 and can be tested as per BS 6920 and other relevant international standards.

MAIN USES

DUSTOP water stops can be used in:

- Swimming pools
- Reservoirs, Water towers and sewage tanks
- 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

QUALITY ASSURANCE AND WARRANTY

Duproof is an ISO 9001 Quality Assured company and DUSTOP carry a material warranty against any manufacturing defects.

CTRT by Duproof

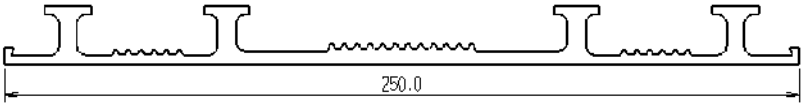
DUSTOP (PVC WATER STOP)

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.

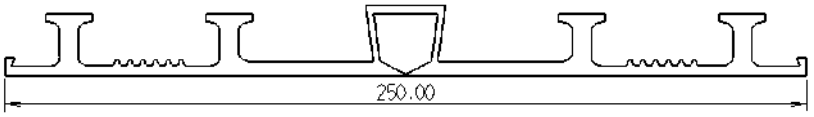
EXTERNAL CONSTRUCTION JOINT - ECJ

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.



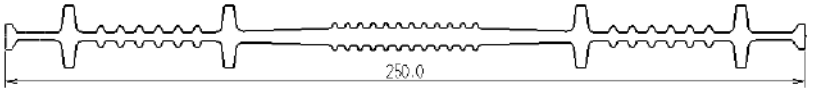
EXTERNAL EXPANSION JOINT - EEJ

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.



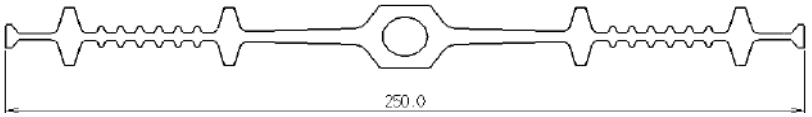
INTERNAL CONSTRUCTION JOINT - ICJ

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.



PACKING AND STORAGE

DUSTOP water stops are supplied in rolls of 10m / 15m and shrink wrapped on pallets. Rolls must be kept upright on pallets under shade. **DUSTOP** pallets should not be stacked one over the other.

HEALTH AND SAFETY

There are no direct health hazards associated with **DUSTOP** water stops. 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 and avoid breathing fumes. Refer to our MSDS sheets for advice.

TYPE AND FINISH

Color	-	Blue
Thickness	mm	150, 200, 250, 300

TECHNICAL DATA

PROPERTY	UNIT	TEST METHOD	VALUE
MECHANICAL PROPERTIES			
Tensile strength (L)	N/mm²	ASTM D 638	≥ 14
Elongation at break (L)	[%]	ASTM D 638	≥ 300
Shore Hardness 'A'	-	ASTM D 2240	80
Hydrostatic head	m	ASTM D 5385	Up to 10m

In accordance with the standard up to 20% variation is expected

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