



Various Profiles & Sizes



High Elongation At Break



Highly Flexible & Durable



Ideal for Structural Joints

MVX PVC Waterstop is made of specially compounded PVC Resin that is suitable for construction and expansion joint areas as well as water retaining structures.

The profiles that are available for internal and external for both construction and expansion joints are capable of providing a watertight seal. They are available in rolls with separate intersections supplied to simplify and minimise on-site fabrication.

The special joint pieces for certain area where casting is done in a way that special designed shape of waterstop is required can be supplied by Movex.

AREA OF USE

- Suitable for all concrete joints
- Foundation works, basements, reservoirs, tunnels, swimming pools and retaining walls

➤ Selecting The Correct Width

The thickness of the concrete as well as the position of the reinforcement will determine the width of the waterstop. The width of the waterstop is typically smaller or equals to the thickness of the concrete.

➤ Site Jointing

The jointing of the MVX PVC Waterstop is typically done by a welding sword or welding blade together with an adjustable jig. The ends of the waterstop that will be jointed are aligned to each other place into the jig. The welding sword / blade is then used to heat up the ends of MVX PVC Waterstop till the ends become a semi-molten state. The welding sword / blade is then removed, and the two ends are brought together till it fuses with each other.

TECHNICAL DATA

Properties	Test Method	Typical Value
Tensile Strength	ASTM D-412-97	2020 PSI
Ultimate Elongation	ASTM D-412-97	320%
Low Temperature Brittleness @ -35°C	ASTM D-746-95	Passed
Stiffness in Flex	ASTM D-747-93	1440 PSI
Initial Hardness Shore A	CRD-C-572	80 +/- 5
Tear Strength	ASTM D624	327 N/mm
Deformation under Heat	BS2782	0.8%
Water Absorption	ASTM D570	0.03
Specific Gravity	ASTM D792	1.38



Internal PVC Waterstop



Separate Casting of PVC Waterstop



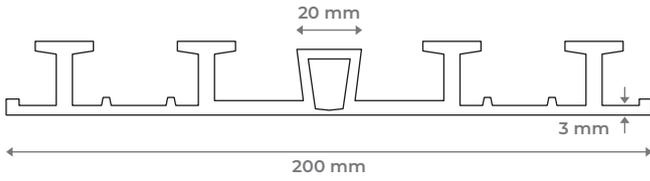
Flat X Joint



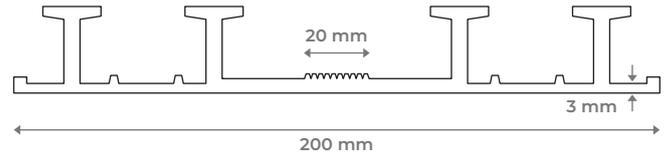
Vertical T Joint

External Joints

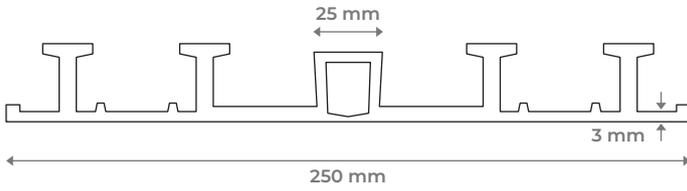
EX 200 (200 mm - Expansion)



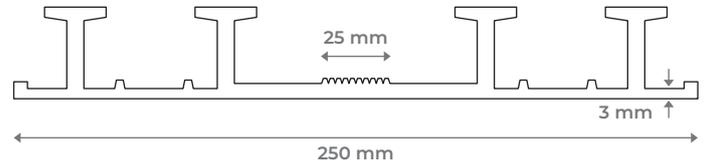
EC 200 (200 mm - Construction)



EX 250 (250 mm - Expansion)

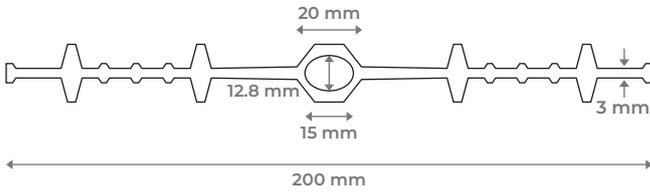


EC 250 (250 mm - Construction)

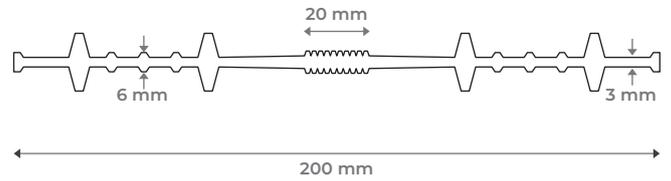


Internal Joints

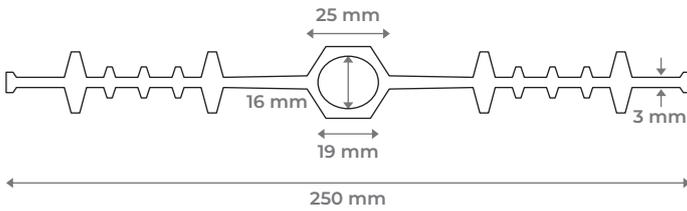
IX 200 (200 mm - Expansion)



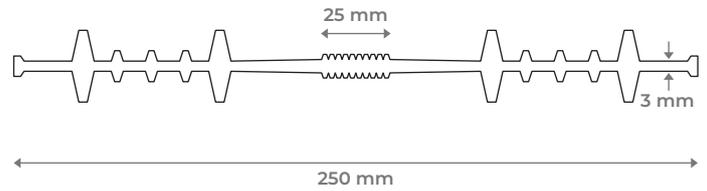
IC 200 (200 mm - Construction)



IX 250 (250 mm - Expansion)

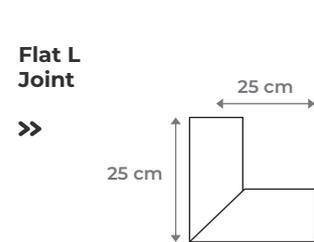
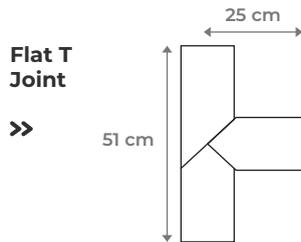
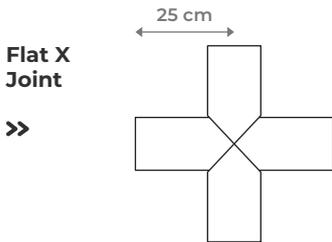


IC 250 (250 mm - Construction)

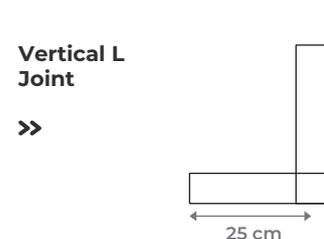
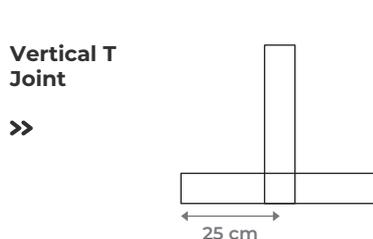
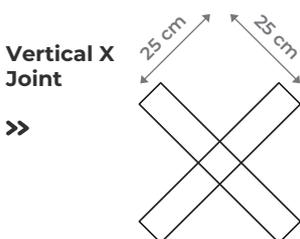


Intersections Available

(Flat Type)



(Vertical Type)



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