

# Hydrostop WB

PVC Waterstop



## DESCRIPTION

Hydrostop WB is extruded from an elastomeric polyvinyl chloride rubber. Hydrostop WB is designed in precision to stop any possible leakage from construction joints in cast-in-place concrete elements.

## APPLICATIONS

Hydrostop WB is suitable for use in construction concrete joints in the following structures:

- » Water reservoirs.
- » Waste water treatment plants.
- » Storage tanks.
- » Retaining walls, foundations, basements and suspended slabs.
- » Swimming pools.
- » Subways, tunnels and culverts.
- » Canals, pumping stations and underground chambers.

## ADVANTAGES

- » Unique profile design with multiple ribs.
- » Has no effect on the quality of potable water.
- » Brass eyelets at 30cm spacing for more rigidity while concreting.
- » Prefabricated junction pieces.
- » Easy to join on site.
- » Resistant to wide diluted chemicals including hydrocarbons.

## METHOD OF INSTALLATION

Hydrostop WB fixed inside the shutter should be tied by wire to the reinforcement through the eyelets in the edge flanges.

## SITE WELDING

The key to a leak free waterstop network is correct on-site jointing. Hydrostop WB is made of thermoplastic PVC, and can be easily welded using a suitable heating processes, such as welding knife.

Cut the edges to be welded in a sharp and straight line then secure the ends in a welding jig. Use the welding knife between the ends, until an even, molten bead appears.

## TECHNICAL PROPERTIES:

Colour:	Black
Tensile strength:	≥ 8 MPa
Elongation at break:	≥ 200 %

Remove the welding knife and press the ends firmly together. Consult DCP technical departments for further details.

## JUNCTION PIECES

Full range of factory made junction pieces are available for all profiles, for the following:

- » Flat and vertical cross.
- » Flat and vertical T.
- » Corner pieces.
- » Flat L.

Other non-standard pieces can be made as may be required by project shop drawings.

## PACKAGING

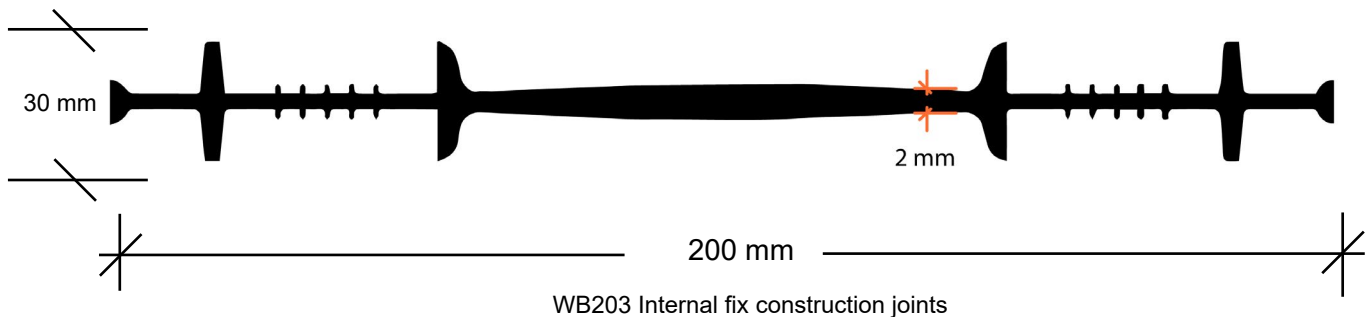
Hydrostop WB is supplied in 15 or 20 meter rolls.

## STORAGE

Hydrostop WB should be stored away from direct sunlight.

## CAUTIONS

Hot welding of PVC will generate acidic hydrogen chloride fumes, jointing should take place in a well ventilated area, or while wearing oxygen mask. Avoid breathing fumes. Wear a proper mask.



Profile code	Overall width* (mm)	Web thickness (mm)	Center bulb width (mm)	Roll length (m)
WB203	200	2	-	15, 20

\* Variation of  $\pm 4\%$  may occur in the above numbers.

\* Other profiles at different widths can be extruded upon request.

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