

# Hydrostop SK

PVC Waterstop



## DESCRIPTION

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

## APPLICATIONS

Hydrostop SK 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 30 cm 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 SK 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 SK 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.

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

## TECHNICAL PROPERTIES:

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

*Results may vary by ± 5%.*

## 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

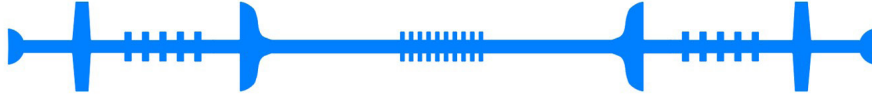
Hydrostop SK is supplied in 15 meter rolls.

## STORAGE

Hydrostop SK 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.



SK203/253 Internal fix for construction joints

Profile code	Overall width* (mm)	Web thickness** (mm)	Center bulb width (mm)	Roll length (m)
SK203	200	3	-	15
SK253	250	3	-	15

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

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

\*\* Variation of 10% may occur in the above numbers.

## MORE FROM DON CONSTRUCTION PRODUCTS

A wide range of construction chemical products are manufactured by DCP which include:

- » Concrete admixtures.
- » Surface treatments
- » Grouts and anchors.
- » Concrete repair.
- » Flooring systems.
- » Protective coatings.
- » Sealants.
- » Waterproofing.
- » Adhesives.
- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

**Note:**

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.