



# RUBBER WATERSTOP

## HYDROPHILIC WATERSTOP

### DESCRIPTION

Davco Rubber Waterstop is a hydrophilic rubber waterstop designed for waterproofing all types of concrete construction joints for civil engineering and building constructions.

Davco Rubber Waterstop is capable of sealing heads of water up to 50 metres and is widely used to seal horizontal and vertical construction joints for poured in-situ concrete. It treated with a delay coating thus preventing it from premature expansion.

### USES

- Poured in-situ construction joints
- Box culverts
- Cut & cover tunnel construction
- Underground structures
- New to old concrete
- Pipe penetrations

### ADVANTAGES

- Environmentally safe and no toxic
- Expansion rate up to 200%
- Easy to apply
- Works even in saline conditions

### TECHNICAL DATA

Appearance	Black
Density	1.45
Volumetric expansion in Fresh Water (ASTM D471: 98e1)	> 200%
Durometer hardness (ASTM 2240)	50
Tensile strength (DIN 53405)	1.10MPa
Elongation (ASTM D412)	> 500%

Davco Rubber Waterstop swells upon contact with water. The expanded product covers surface irregularities and renders them waterproof.

Davco Rubber Waterstop swelling strips exhibit all the properties of a high performance elastomer, and has the ability to recover their shape upon drying.

The mechanical properties are excellent in both the dry and swollen conditions.

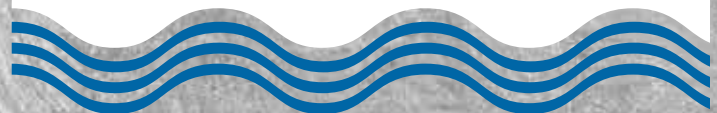
The product is environmentally neutral, contains no harmful or poisonous materials and can therefore be used without danger and can be recycled.

Davco Rubber Waterstop has no effect on groundwater.

Davco Rubber Waterstop has high chemical resistance. It is not influenced by the typical concrete raw materials, petrol, mineral oils and many acids and alkalis.

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

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## APPLICATION

Davco Rubber Waterstop is installed by nailing into position with concrete nails.

Joints in the strips should overlapped at least 75mm side by side.

## PACKAGING

Davco Rubber Waterstop is supplied in: -

20 x 10 mm - 50 metres l box (2 rolls of 25 metres)

## SHELF LIFE

Davco Rubber Waterstop should be stored at room temperature (min. 10°C and max. 38°C), kept dry and off the ground. Shelf life of 1 year can be expected.

## HEALTH & SAFETY

Davco Rubber Waterstop should only be used as directed. We always recommend that the Safety Data Sheet is carefully read prior to application of the material.

## Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website [www.parexgroup.com.sg](http://www.parexgroup.com.sg)

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