

PVC WATER STOPS

DESCRIPTION:

Flexible PVC (Thermoplastic) Water Stops to seal construction and expansion joints in concrete structures. Various types of Water Stops are available in different sizes depending on their intended use.

PRIMARY APPLICATIONS:

Water Stops are used to seal construction and expansion joints in water retaining structures such as reservoirs, water towers, dams, spillways, canals, swimming pools, sewage tanks etc. as well as to keep water out of concrete structures such as basements, underground car parks, tunnels, subways retaining walls etc.

PROPERTIES:

Type

Poly vinyl Chloride

Color

Blue/Black

Service temperature

-20 ° C to 55 ° C

Tensile strength

14.00 N/m

Density

1.35 KG / Ltr

Full stretch break out

12.92 Mpa

Elongation at break >

300mm

Hardness (shore A)

75 at 25 ° C

Chemical resistance

can resist attack of alkali, acid, kerosene oil and ethanol

Welding temperature

200 ° C

Size:

150mm,200mm,225mm, 250mm

Packing

100 meters.

Available Profiles

To suit construction joints and Expansion Joints, Centrally Placed, and Externally Placed, Plain Web, Centre Bulb, Rear Guard with or without bulb.

STANDARD COMPLIANCE:

Water Stops comply with.
BS-2571-1963 ASTM D 2440

TECHNICAL SUPPORT:

Water Stops offers a technical support service to end-users and contractors, as well as on-site technical assistance.

APPLICATION INSTRUCTIONS:

METHOD OF FIXING/JOINTING:

Water Stops are made from thermoplastic PVC and therefore can be welded at the joints. They are welded by using heating blades while holding in proper clamping jigs. They are installed with the help of steel binding wires to the reinforcement by means of eyelet to be made at site in the edge flanges.

Water stops can be placed on concrete surface or on shuttering through the nails/adhesives. Water Stops are easy to cut or connect and can be applied to all points including horizontal joint, vertical joints etc.

CUTTING:

Water Stops are quite long and can be cut easily as per requirement with an ordinary sharp knife, Saw or other sharp tools.

MELTING METHOD:

This method is applied to the connection of straight lines. The time required for the connections is three to four minutes. First sections of two water stops intended to be connected are pressed against heated iron sheet and when they are melted, the two are combined. After joining, they must be cooled.

STORAGE:

Shelf life is 2 years while packs stored in a shaded environment. If stored at high temperature/ exposed to direct sun light the shelf life will be reduced.

PRECAUTIONS HEALTH & SAFETY:

A Water Stop contains PVC material. It has a possible risk of flame.

