

**ABA WATERSTOP
P.V.C WATERSTOP****DESCRIPTION**

ABA WATERSTOP is high grade P.V.C water-stop used to seal construction and expansion joints in concrete structures. It is available in different sizes and types, depending on their use (such as fluid pressure and type of joint).

ADVANTAGES

- High flexibility
- High tensile strength
- Available in many different sizes and types
- High quality for long durability (Chemical resistance)
- Freeze and thaw cycles resistant
- Easy to weld and join on site
- Suitable for high water pressure

APPLICATION

- Sealing construction and expansion joints
- Hydraulic structures
- Underground structures

WATERSTOP SELECTION

The selection of a appropriate water-stop is governed by the type of joint, location of water-stop, concrete thickness, type of concrete, reinforcement position, expected movement (expansion/shear) as well as water-head/pressure to which it is to be exposed to. It is supplied in four types of D, A, DA & AA.

- Sunken sealing strip for expansion joints (Type D)
- Sunken sealing strip for construction joints (Type A)
- Surfaces sealing strip for expansion joints (Type DA)
- Surfaces sealing strip for construction joints (Type AA)

INSTALLATION

ABA WATERSTOP must be installed so that they are securely held in their correct position while the concrete is being poured. The concrete must be fully compacted around the ABA WATERSTOP to ensure that no air holes or porous areas remain. Where reinforcement is present, an adequate clearance must be left to permit correct compaction.

Welding and installation of ABA WATERSTOP shall always be coordinated with mould setting and laying of reinforcing bars for the best results.

PLACING OF WATERSTOP

1. ABA WATERSTOP is spliced by cutting the two ends to be joined so that they will butt smoothly together. Use a miter box, or overlap and cut through both pieces at once.



- Heat both ends to be joined, using an electric splicing iron, until the material melts. For best results, there should be about 4 mm of melted material at the end of each piece, but do not overheat to the point that the water-stop becomes a dark color.
- Press the melted edges firmly together and hold for 15 to 30 seconds until the material cools. Stress should not be put on the spliced joint until the water-stop has completely cooled.

PHYSICAL PROPERTIES

Color: Yellow

Tensile Strength (CRD-C 572): 12.5 MPa min.

Ultimate elongation (CRD-C 572): 370% min.

STORAGE

Storage condition: should be protected from direct sunlight.

Packing: 20 & 25 meter rolls

HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (available on request) containing physical, ecological, toxicological and other safety-related data.

TECHNICAL SERVICE

The ABADGARAN INTERNATIONAL GROUP Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

All data presented in this technical datasheet are based on our last researches in ABADGARAN CONSTRUCTION CHEMICALS laboratories and are just as a guide for choosing appropriate material. Therefore users should conduct a sufficient investigation to establish the suitability and conformity of any product for intended uses.



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