ORIENTAL YUHONG

OYH-AQUASTOP

PVC waterstop system for passive protection of movement joints and construction joints in reinforced concrete structures

DESCRIPTION

OYH-AQUASTOP is PVC water stops are mainly used in the foundation projects where concrete is placed in construction joints and deformation joints and concrete is formed as a whole. Such as tunnels, culverts, aqueducts, dams, reservoir structures, underground facilities, etc. The PVC water stop makes full use of the elastic deformation characteristics of the polyvinyl chloride resin to play a role of leakproof and anti-seepage in the joints of the building structure and has the characteristics of corrosion resistance and durability.

ADVANTAGES

Water-stops are manufactured from customized antiaging plastic combined with PVC as a base polymer, then adding plasticizer, stabilizer, through extrusion processing.

- High elasticity and tensile strength.
- Lower water absorption.
- Corrosion resistance and weather resistance.
- Unaffected by acids, alkali, metals salts and other chemicals.
- Withstand high hydrostatic pressure.
- Withstand shocks of heavy turbines, earthquakes, floods, etc.

TECHNICAL DATA

OYH-AQUASTOP	Typical values
Ultimate elongation (BS 2782 Part 3-1976 Method 320 A)	300% ± 10%
Tensile strength (BS 2782 Part 3-1976 Method 320 A)	14 Mpa
shore A, Hardness (ASTM D2240)	80 ± 2

USAGES

- Dams, locks, canals, water reservoirs and aqueducts
- Water and wastewater treatment facilities
- Primary and secondary containment structures
- Storage tanks
- Bridge and deck abutments
- Slabs-on-grade
- Retaining walls
- Foundation
- Parking garages

USAGE INSTRUCTIONS

- The center bulb will absorb the shear Movements whether in lateral or transverse direction. Normally, the bigger the center bulbs are , the greater movements the water-stops will accommodate. Meanwhile, the ribs not only make the concrete and water-stop bonding together, but also provide a long fluid flow path for water-proofing. And this type water-stop is ideal for expansion, construction, control joints and other joints with shear movements.

PVC waterstop system for passive protection of movement joints and construction joints in reinforced concrete structures

OYH-AQUASTOP

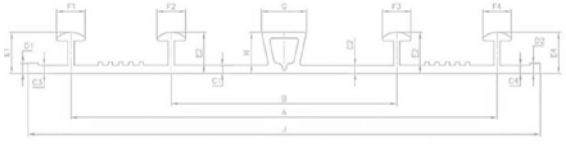
· Base seal water-stop is easiest to install, as well as can be heated welded by standard splicing iron. And this type water-stop is ideal for construction, contraction, control and expansion joints flat pavement jobs. For example, they are suitable for runways, large containment slabs, concrete walls, backfilled retaining walls, etc.

PACKAGING

Colors: blue
General length:15m

OYH-AQUASTOP External Profile Dimensions

Total Width (J) = 250 ± 5 mm
A = 208 ± 4 mm
B = 110 ± 4 mm
C (C1, C2, C3, C4) = 4 ± 1 mm
H = 20 ± 2 mm
D (D1, D2) = 5 ± 1 mm
E (E1, E2, E3,E4) = 20 ± 2 mm
F(F1, F2,F3, F4) = 14 ± 2 mm
G = 22 ± 2 mm

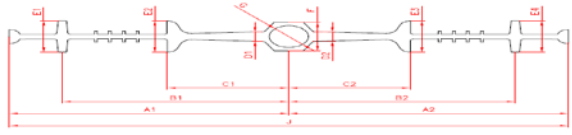


Wall Joints

The internal waterstop must be supported in split-end formwork as described for slab joints, with great care taken to ensure that the waterstop does not fold over under the weight of poured concrete. The waterstop should be securely wired to the reinforcing steel.

OYH-AQUASTOP Internal Profile Dimensions

Total Width J = 200 ± 5 mm
A (A1, A2) = 100 ± 5 mm
B (B1, B2) = 81 ± 3 mm
C (C1, C2) = 43.5 ± 3
D (D1,D2) = 6 ± 1 mm
E(E1, E2,E3, E4) = 20 ± 2 mm
F = 18 ± 2 mm
G = 14 ± 2 mm



HEALTH & SAFETY

For more Safety information you can check Product Material Safety Data Sheet.

STORAGE & SHELF LIFE

During transport and storage, the packing should not be impacted and damaged. It should be placed in ventilated and dry indoors. Kept away from direct sunlight. Prohibit contacting acid, alkali, oil, organic solvent, etc. Insulated from heat resource.