

FLEXSTOP

DESCRIPTION

FLEXSTOP PVC waterstops are designed as positive seals for poured insitu concrete, construction and expansion joints in water-retaining and water-excluding structures.

FLEXSTOP have a wide range of profiles for centrally and externally placed applications. They provide a continuous barrier when embedded into concrete to prevent water penetration.

USES

Typical applications of FLEXSTOP in water-retaining and water-excluding structures:

- Sewage Treatment Plants
- Water Treatment Plants
- Swimming Pools
- Reservoirs
- Dams and Spillways
- Basement Areas
- Underground Car Parks
- Tunnels
- Retaining Walls
- Suspended Slabs
- Pits
- Roof of Slabs

ADVANTAGES

- Wide range of profiles and sizes.
- Eyelets are punched into outer flanges of internal profiles for easy wire tying to reinforcement.
- Conform to BS 2571 for flexible PVC compounds.

METHOD OF USE

Correct Width Selection

The width of waterstop will depend on the thickness of concrete section and its reinforcement position. In general, the width of the waterstop profile should be smaller than or equal to the thickness of the concrete section.

Fixing FLEXSTOP

ALL FLEXSTOPs will have to be securely fastened and held in place during concrete pouring. For the internal profile, a series of eyelets are pre-punched onto the outer flanges to allow easy wire-tying of the waterstops to the surrounding steel reinforcements.

As for the joining of PVC waterstops on site, it can be easily carried out with a heat welding equipment.

During the placing of concrete, it is important to ensure proper compaction of concrete surrounding the waterstops so as to remove voids and porous areas.

Good workmanship in fastening the waterstops in-place as well as full compaction of concrete are necessary to ensure the optimal performance of the waterstops as positive seals.

SPECIFICATIONS	
Tensile Strength	14.3 N/mm ² (BS 2782:320A)
Elongation % At Break	370% (BS 2782:320A)
Water Absorption at 32°C	0.04 (BS EN ISO 62)
Specific Gravity	1.335 (BS 2782:620)
Hardness, Shore A	75 ± 5 (ISO 868)
Thermal Stability	258 (BS 2782)
Loss of Mass	1.9 (BS EN 60811)

FLEXSTOP WATERSTOP RANGE

- Internal Construction Profile
- FLEXSTOP IC – 150 / 200 / 250 mm
- Internal Expansion Profile
- FLEXSTOP IX – 150 / 200/ 250mm
- External Construction Profile
- FLEXSTOP XC – 200 / 250mm
- External Expansion Profile
- FLEXSTOP XX – 200 / 250mm

(Larger widths can also be fabricated upon request.)

PACKING

For Internal Profile, FLEXSTOP comes in 20m roll (150/200mm width) and 15m roll (250mm width).

For External Profile, FLEXSTOP comes in 20m roll (200mm width) and 15m roll (250mm width).

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