

Tri – WATER STOP

PVC joint sealing Waterbars

Description

Tri - Water Stop Flexible PVC waterbars to seal Construction and expansion joints In concrete structures.

Tri – Water Stop is available in different sizes and types depending on Their use.

The product is certified by National Research Center.

Tri – Water Stop is complying with ASTM D-412, ASTM D-624



Uses

Tri – Water Stop: is used to seal construction and expansion joints in water retaining structures such as :-

- Reservoirs
- Water tanks
- Sewage tanks
- Dams
- Spillways
- Swimming pools

Advantages

- High quality PVC for long durability.
- Resistant to high water pressure.
- Available in different types and dimensions .
- Suitable for high water pressure.
- Easy to install (clip fastening), easy to weld on site.
- Many different sizes and types available, depending on their use.

Technical Data @°25c

DESCRIPTION	VALUE
Type	P.V.C.
Color	Dark Grey
Specific gravity	1.3 - 1.6
Elongation at break ASTM D412	300%
Service temp.	-35° C – +55° C
Tensile Strength	14.96 N/mm ²
Tear Resistance	6.3 N/mm ²
Shore A Hardness	75-85
Welding Temperature	~ 200°C.

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Factory & Head Office:



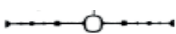
6 October City - 4th Industrial Zone - Al Oula Industrial Zone Plot No.: 14
 Tel.: (002) 011 195 48267 - Sales: (002) 010 007 88817 - (002) 011 184 87597
 Technical Support Call : (002) 011 184 87880 - Email: sales@tichem-eg.com

www.trichem-eg.com

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Types & Dimensions Of Tri -WaterStop

	Type	Width (cm)	Roll Length (m)	Thickness (mm)	Max. Water head (m)
Construction Joint					
	V-20	20	30	(From 2-4 mm) available in 6 mm	(from 15 m-to 30 m)
	V-24	24	30		
	V-32	32	20		
Expansion Joint					
	O-20	20	20	(from 4- to 7mm)	(from 15 m-to 30 m)
	O-24	24	20		
Surface Waterstop: Installation on the surface of concrete structures					

Directions for use

The selection of a suitable Water stop type is governed by the type of joint concrete thickness, grade of concrete, reinforcement position, expected movement (expansion/ shear) as well as water head to which it is to be Exposed to.

General Guide lines

The overall width of the Water stop type should be at little less or equal to the thickness of the concrete slab into which it is placed.
The overall width of the Water stop type should be at least six times the size of the largest aggregate used.

Installation/Fixation

Centrally Placed Water stop type:
Installation in the centre of the concrete structures. Easy anchoring of To reinforcement with special fixing clips (5 pieces per m).

Surface Waterbars

Installation on the surface of the formwork or on the surface of the base/drylean concrete.

Joint Finishing Types

Installation by pushing onto the form work or onto the joint lining.
Proper fixing of the **Tri – Water Stop** to the reinforcement (or form work) is essential Are the careful pouring and compaction of the concrete. Fixing clips for internally Placed **Tri – Water Stop** are available.

Welding

Tri - Water Stop are made from thermoplastic PVC and can therefore be welded. The ends are heated with a welding equipment until the PVC gets plastic and then immediately pressed together.

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Package

Rolls at 30 Lm

Shelf Life

The shelf life of the product is up to 12 months if stored as per recommendations.

Storage

Store in shade under normal warehouse conditions.

Health and Safety

As with all construction chemicals products caution should always be exercised. Protective clothing such as gloves and goggles shall be worn. Treat any splashes to the skin or eyes immediately with fresh water. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.



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