

Dr. Fixit PVC WaterStop

PVC WATERSTOP FOR JOINTS IN CONCRETE STRUCTURES

Description

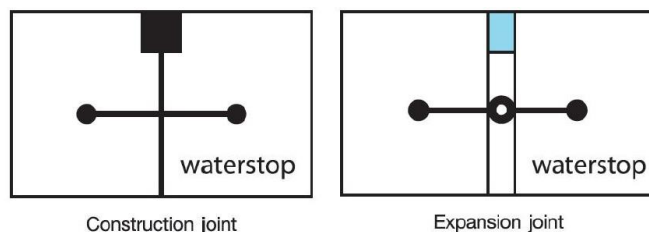
Dr. Fixit PVC WaterStop is high performance PVC WaterStop strip which is manufactured from premium quality thermoplastic resin resulting in high strength and durable end product. It is designed for use to prevent water passage in concrete joint. Especially the joints where expansion, contraction and transverse movements are occurred, water stop is designed to effectively accommodate itself to movement. Dumbbell or flat profile is suitable for construction joints while center bulb is used in expansion joints where shear movement is expected. The hollow part in center bulb allows deformation when absorb shear movement.

Area of Application

Dr. Fixit PVC WaterStop is used by embedding it in concrete structures prior to pouring of concrete. Typical areas of use include:

- Swimming pool, water tank
- Waste water tank, chemical treated water tank
- Basement
- Deck
- Dam, water reservoir
- Watergate

Method of Application



1. In the first pour of concrete, PVC waterstop is held in place along the length of the concrete structure.
2. To ensure waterstop secured centrally in the concrete section, steels wires and clips can be used and tied with reinforced bars.
3. The upper part of waterstop should be carefully protected from bending down during the second pour of concrete
4. Ensure that concrete is poured equally to the both sides of waterstop.
5. To join waterstop together, using a sharp knife to cut both ends straight and square to allow easy welding.
6. Joining waterstop by melting the ends at $200\text{ }^{\circ}\text{C} \pm 10\text{ }^{\circ}\text{C}$ temperature generating from indirect heat source.
7. When plastic begins to melt, place the ends together in direct alignment and hold firmly in position until the plastic cool down. Do not pull or insert stress before material properly set.

Dr. Fixit PVC WaterStop

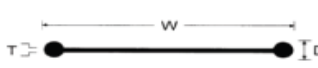
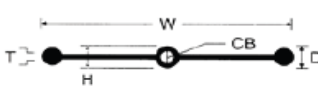
PVC WATERSTOP FOR JOINTS IN CONCRETE STRUCTURES

Technical Information

Properties	Standard / Test Method	Test result
1.Color		Black
2.Specific gravity	ASTM D793	1.365
3. Durometer Hardness ,Shore A	ASTM D2240	85 $\pm$ 5
4. Tensile Strength	ASTM D412	13 MPa
5. Elongation @ Break, %	ASTM D412	At least 300%
6. Tear Resistance N/mm	ASTM D624	38.6
7. Water absorption at 50°C for 48 hrs - change in weight.	ASTM D570	Less than 0.5 %

Properties are typical under laboratory conditions and do not constitute specification.

Model Cross Section

Model	Dimension (mm.)					
	W	D	T	H	CB	
Dumbell						
	6"	152	13	5	-	-
	8"	203	13	5	-	-
	9"	230	17	5	-	-
	10"	255	19	5	-	-
	12"	305	19	5	-	-
Dumbell CB						
	6"	152	13	5	18	8
	8"	203	13	5	18	8
	9"	230	17	5	21	11
	10"	255	19	5	23	13
	12"	305	19	5	19	9
R-Foil						
	8"	203	13	5	-	-
	9"	230	13	5	-	-
	10"	250	13	5	-	-
	12"	305	13	5	-	-
R-Foil CB						
	8"	205	13	5	25	15
	9"	230	13	5	30	20
	12"	305	13	5	30	20

Dr. Fixit PVC WaterStop

PVC WATERSTOP FOR JOINTS IN CONCRETE STRUCTURES

Packaging

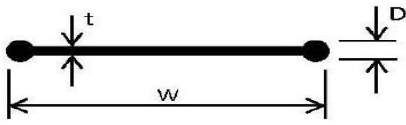
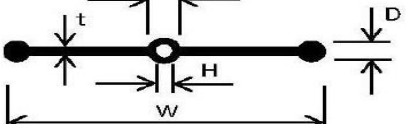
- 25 meters per roll.

Storage

- Product must be stored at room temperature. Keep dry and out of direct sunlight.

Health & Safety Precautions

- There are no known hazards associated with Dr. Fixit PVC Water Stop during normal use.

PROFILE	MODEL	DIMENSION (mm)				
		W	t	D	CB	H
	DB-6	152	5	14	-	-
	DB-8	203	5	14	-	-
	DB-10	255	5	19	-	-
	DB-12	305	5	19	-	-
	SDB-6	152	9.5	19	-	-
	SDB-8	203	9.5	19	-	-
	SDB-10	255	9.5	25	-	-
	SDB-12	305	9.5	25	-	-
	CB-6	152	5	14	17	7
	CB-8	203	5	14	17	7
	CB-10	255	5	19	23	13
	CB-12	305	5	19	23	13
	SCB-6	152	9.5	19	30	15
	SCB-8	203	9.5	19	30	15
	SCB-10	255	9.5	25	34	16
	SCB-12	305	9.5	25	34	16

Disclaimer

The product information and the recommendations relating to the application and end-use of Dr.Fixit products, are based on Dr.Fixit's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Dr.Fixit's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Dr.Fixit reserves the right to change the properties of its products without notice, so the company does not assume liability of any legal from this product information.



Bamco Supply & Services Limited (A group company of Pidilite Industries Ltd.)
699 Modernform Tower 15,17 FL., Srinakarin Rd., Pattanakarn, Suan Luang, Bangkok 10250, THAILAND.
T. +662 722-8535 F. +662 722-8381
Website: www.dr-fixit.co.th
E-mail: sales@pidilitebamco.com
Helpline Call +662 722 8535 #101