

Cemstop PVC

CEMKRETE

High performance polyvinyl chloride (PVC) waterstops

Innovative products for your success

Description:

Cemstop PVC is a waterstop to seal construction and expansion joints in concrete structures. The waterstops are available in different sizes and profiles, depending on their uses and demands.

Usage:

The waterstops are used in concrete structure for the sealing of construction and expansion joints are differs to actual sealants, that they are installed at the time of concrete placing and taking up their function as soon as the concrete has hardened. Depending on the type of the waterstops it can be used for constructions on very small expansion joints or, for joints of medium to large expansions.

Advantages:

Multi-Ribbed sections provide a tortuous and impenetrable water barrier to the structures. The PVC thermoplastic material and its types of cross-sections allow extremely easy on-sites welding process and its application.

Application Detail:

According to common practice on sites, the waterstops are placed to suit the concrete's movements either at expansion or construction joints. The joints are welded by process of heated-blade welding technique for bud-joining and factory prefabricated junctions' profiles in various sizes are available on request. Please ask for technical assistance in selecting the right type for the construction.

The waterstops are made from thermoplastic PVC and can therefore be welded for joining. The cut sections subject to welding are heated up by means of the heat welding blade until the joint cut section gets molten, and then pressed together both end of the PVC. The welding temperature has to be in the range of 200-250°C.

Properties:

Type :	Polyvinyl Chloride (PVC)
Color :	Black
Shelf Life & Storage:	Unlimited shelf life, stored in cool Facilities

Description	Dimension	Size	Testing Method
Specific Gravity		1.37	ASTMD 792
Hardness Shore A 54		75 ± 5	ASTMD 2240
Tensile Strength	Kgf/cm ²	>140	ASTMD 412
Elongation At Brake	%	>300	ASTMD 412
Tear Resistance	Kgf/cm ²	50	ASTMD 624
Heat Test:	70°C, 28 Days		DIN 53508
Allowable Reduction In:			
- Tensile Strength	%	20	
- Elongation at Brake	%	20	

Cemstop PVC



High performance polyvinyl chloride (PVC) waterstops

Innovative products for your success

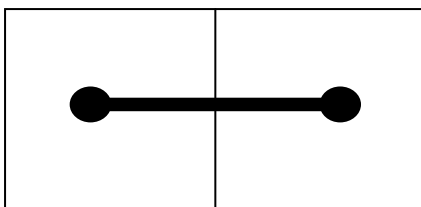
Technical Data:

Type	Code	Dimension (mm.)				
		A	B	C	D	CB
Dumbbell Flat 	SM0652	152	12	5	-	-
	SM0852	203	13	5	-	-
	SM0952	229	15	5	-	-
Dumbbell Center Bulb 	SM0653	152	12	5	16	11
	SM0853	203	12	5	7	17
	SM0953	229	15	5	7	17
	SM1053	257	16	5	15	23
	SM1253	305	16	5	7	16
Ribbed Center Bulb CB 	SM0654	152	8	5	23	15
	SM0849	205	8	4	30	24
Rear guard type 	SM0840	203	7	4.5	16	-

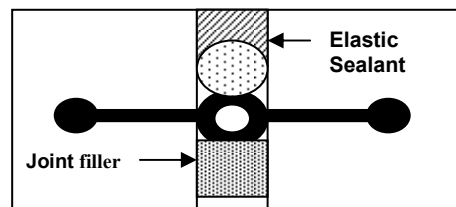
Installation:

The center of the waterstop should be at the concrete joint and at the center of the concrete thickness. Steel wires and clips and be used to secure waterstop in place before pouring the new concrete.

Construction Joint



Expansion Joint



Important Note: Cemcrete warrants its materials free of manufacturing defects and produced as per standard specifications and sold under the terms and conditions of usages, whilst Cemcrete endeavors to ensure that any advice, recommendation, or information, given through its products literatures are reflects of the R&D in-house lab test and practical sites experience and knowledge based feed backs, however, the products are being used under various conditions and applied beyond its control where or how either directly or indirectly at various locations and places at a different stages that of an intended purposes and uses. Therefore, Cemcrete cannot hold warranty or responsible for resultant consequences, such as damages to the property or assets but the product itself.