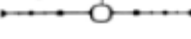
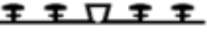


Waterstop

Flexible PVC Water Stop for Construction and Expansion Joints

Description	Flexible PVC (Thermoplastic) Water Stop to seal construction and expansion joints in concrete structures. Water Stop are available in different sizes and area selections, depending on their use. Water Stop is complying with ASTM D-412, D-624, D-746, D2240, D543, and CRD - C572
Where to use	Water Stop is used in concrete for sealing of contraction, construction and expansion joints, the material can be placed based on the existing water bar in water structures such as: - Dams - Reservoirs - Artificial canals - Swimming pools - Retaining walls - Basements - Underground garages - Tunnels
Advantages	• Excellent type of PVC • Easy to apply and weld on the site • Resistant to high water pressure • Available in different types and dimensions
Properties	
Type	PVC
Color	Blue
Specific gravity	1.3
% Elongation at break	360 - 390%
Service temperature	-35 °C – +65 °C
Tensile Strength	13 - 15 N/mm ²
Hardness Shore A	70 – 80
Water Absorption	0.1 - 0.15 %
Water Pressure	Up to 25 m
Application	• Water Stop are made from thermoplastic PVC and can therefore be welded • The ends are heated with welding equipment until the PVC gets plastic and then immediately pressed together • Pro-Water Stops are allowing easy on-site welding, including the prefabrication of cross, T, L, and corner pieces • A wide range of standardized junction pieces are available • All have a 30 cm free leg, allowing easy site welding to Prokem water bars • In case non-standardized junction pieces are required, a drawing must be provided, giving exact details of angles
Packaging	Rolls at 15 and 30 Lm

		Types & Dimensions of Waterstop					
	Illustration	Description	Type	Width cm	Roll Length m	Nominal thickness mm $\pm 10\%$	Maximum Water-head m
For Construction Joints		- Centrally placed Waterstop - Installed in the center of concrete structure	V20	20	30	3 mm 4 mm 5 mm 6 mm	10
			V24	24	30	3 mm 4 mm 5 mm 6 mm & 6/4 mm 8 mm 10 mm & 10/8 mm	15
			V30	30	20	3 mm 4 mm 5 mm 6 mm 7 mm 10 mm & 10/6 mm	22
		Designed for easy anchoring to reinforcement with special fixing clips	V32	32	20	4 mm 5 mm 10 mm	25
For Expansion Joints		Maximum 20 mm expansion and 10 mm Shear movement	O20	20	15	3 mm 4 mm 5 mm 6 mm	10
			O24	24	15	3 mm 4 mm 5 mm 6 mm 7 mm 10 mm	15
			O32	32	15	4 mm 5 mm 6 mm 7 mm 10 mm	25
Surface Waterstop		Installation on the surface of concrete structures	AR26	26	15	5 mm 10 mm	10
			DR26	26	15	4 mm 5 mm 10 mm	10
			DR32	32	15	4 mm 10 mm	15

- It can be manufactured in thickness from 3mm – 10mm
- Ask about the Light (L) version
- Both DR & AR can be produced in customized sizes
- Junction pieces' shade (T & TL) all produced in 24 cm upon request

Shelf life & Storage	Open shelf life as long as it is stored away from heat and fires sources
Health and Safety	• Use gloves when handling dry powder • Do not breathe dust • Use a particle mask • Eye contamination must be washed immediately with clean water
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction PROKEM reserves the right to change the properties of its products All orders are accepted subject to our current term of sale & delivery Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products