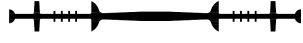
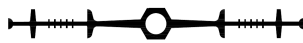




PVC Joint Sealing Profiles

Product Description	EMPRO®PVC WS – Flexible Waterstop profiles extruded from high grade of Polyvinyl Chloride (PVC) serve to isolate from dampness, moisture and water under pressure and without deformation and technological joints of concreting, in reinforced concrete structures, underground and buried structures under the influence of surface groundwater or sewage.																								
Uses	EMPRO®PVC WS are used to seal construction and expansion joints in water retaining structures which subjected to hydrostatic pressure such as reservoirs, water towers, dams, canals, swimming pools sewage tanks etc. in addition to keep water out of concrete structures such as basements, underground car parks, tunnels, subways, retaining walls etc.																								
Advantages	<ul style="list-style-type: none"> • Environmentally friendly - lead-free formulation. • High quality compounded PVC for long durability and integrity. • Ability to withstand high hydrostatic head pressure • Full Range of factory made intersection pieces. • Easy to weld on site. • Reinforced eyeleted edge flanges for positive fixing. • Good chemical resistance. • Can be used in hot and cold climates. • Suitable for use in contact with potable water. • Many different sizes, types, color, and fabricated intersections are available on request. 																								
Tests Standards/Approvals	EMPRO®PVC WS Complies with US Corps of Engineers Specification CRD-C-572 and have been tested in accordance with: BS 2782, ASTM D638, D2240 and GOCT 11262-80.																								
Product Data	Form and color: Blue extruded PVC preformed profiles. Packaging: 12,15 LM rolls.																								
Technical Properties	<p>All EMPRO PVC Waterstops are specially formulated and manufactured to meet or exceed the industry's standard specifications,</p> <table border="1" data-bbox="542 1415 1403 1856"> <thead> <tr> <th>Designation</th> <th>Procedure</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Tensile Strength</td> <td>BS 2782:320 A, ISO 527, DIN 53455, ASTM D638</td> <td>>14*N/mm²</td> </tr> <tr> <td>Elongation at Break</td> <td>BS 2782:320 A, ISO 527, DIN 53455, ASTM D638</td> <td>>300%</td> </tr> <tr> <td>Shore A Hardness</td> <td>BS 2782:365B, ISO 868, ASTM D2240</td> <td>80±2</td> </tr> <tr> <td>Stabilization</td> <td>*</td> <td>Lead Free</td> </tr> <tr> <td>Water Absorption</td> <td>ISO 62, ASTM 570</td> <td>0.06%</td> </tr> <tr> <td>Specific Gravity</td> <td>BS 2782:620B, ISO 1183, ASTM D 792</td> <td>1.35 ± 0.02</td> </tr> <tr> <td>Fire Resistance</td> <td>DIN 4102-1</td> <td>B2</td> </tr> </tbody> </table> <p>All values given are subject to 5 -10% tolerance.</p>	Designation	Procedure	Value	Tensile Strength	BS 2782:320 A, ISO 527, DIN 53455, ASTM D638	>14*N/mm ²	Elongation at Break	BS 2782:320 A, ISO 527, DIN 53455, ASTM D638	>300%	Shore A Hardness	BS 2782:365B, ISO 868, ASTM D2240	80±2	Stabilization	*	Lead Free	Water Absorption	ISO 62, ASTM 570	0.06%	Specific Gravity	BS 2782:620B, ISO 1183, ASTM D 792	1.35 ± 0.02	Fire Resistance	DIN 4102-1	B2
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Types	Uses		Type	Width cm	Roll length LM	Nominal Thickness mm (±10%)
	Types	Construction Joints	Centrally Placed Waterstop 	IC-150	15	15
IC-200 S				20	15	5.0
IC-200				20	15	6.0
IC-250 S				25	12	6.0
IC-250				25	12	7.0
IC-330				33	12	7.0
Expansion Joints			IE-150	15	15	6.0
			IE-200	20	15	6.0
			IE-250	25	12	6.0
Construction Joints		Externally Placed Waterstop 	EC-150	15	15	4.0
			EC-200	20	15	4.0
			EC-250	25	12	4.0
			EC-330	33	12	4.0
Expansion Joints			EE-150	15	15	4.0
			EE-200	20	15	4.0
	EE-250		25	12	4.0	
	EE-330		33	12	4.0	
		<p>- Heavy Duty 10 mm waterstop profiles available in product range.</p> <p>- 300, 320, 350, 400 mm waterstop profiles available in product range.</p>				
Storage	<p>Storage Conditions store the material in a cool and shaded area, protect from UV and high temperatures. Prolonged exposure to sunlight and harsh environment will result in deterioration of the product. Keep away from sharp edges to prevent damage.</p> <p>Shelf Life 36 months from date of production if stored properly in undamaged and unopened original sealed packaging.</p>					
Health and safety	<p>Hot weld site jointing of PVC Waterstops results in the liberation of hydrogen chloride mist and vapor. The OEL (operational exposure limit) of 5 ppm can be exceeded in still air confined spaces, therefore forced ventilation must be provided or a suitable respirator used.</p>					

Disclaimer: This information's are based on our current knowledge, experience and are intended to provide general notes on our products and their use. It should not therefore be construed as guaranteeing specific properties of the products described on their suitability for a particular application.

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. Any existing industrial property rights must be observed. The quality of the products is guaranteed under our general conditions of sale. All orders are accepted subject to our current terms of sale and delivery. This technical data sheet supersedes all previous editions relevant to this product.

