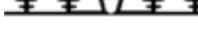


# Waterstop HE

## High Elongation Flexible PVC Water Stop for Construction and Expansion Joints

<b>Description</b>	Flexible PVC (Thermoplastic) <b>Water Stop HE</b> with high elongation capabilities to seal construction and expansion joints in concrete structures. <b>Water Stop HE</b> are available in different sizes and area selections, depending on their use <b>Water Stop HE</b> is complying with ASTM D-412, D-746, and B.S.2571
<b>Where to use</b>	<p><b>Water Stop HE</b> 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:</p> <ul style="list-style-type: none"> <li>• Dams</li> <li>• Reservoirs</li> <li>• Artificial canals</li> <li>• Swimming pools</li> <li>• Retaining walls</li> <li>• Basements</li> <li>• Underground garages</li> <li>• Tunnels</li> </ul>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Excellent fine type of PVC</li> <li>• Easy to apply and weld on the site</li> <li>• Resistant to high water pressure</li> <li>• Available in different types and dimensions</li> </ul>
<b>Properties</b>	
Type	PVC
Color	Blue
Specific gravity	1.3
% elongation at break	410 - 445%
Service temp.	-35 °C – +65 °C
Tensile Strength	13 – 14.5 N/mm <sup>2</sup>
Hardness Shore A	70 – 80
Water Absorption	0.1 - 0.15 %
Water Pressure	Up to 50 m
Application	<ul style="list-style-type: none"> <li>• <b>Water Stop HE</b> are made from fine thermoplastic PVC and can therefore be welded</li> <li>• The ends are heated with welding equipment until the PVC gets plastic and then immediately pressed together</li> <li>• Pro-Water Stops HE are allowing easy on-site welding, including the prefabrication of cross, T, L, and corner pieces</li> <li>• A wide range of standardized junction pieces are available</li> <li>• All have a 30 cm free leg, allowing easy site welding to <b>Prokem</b> water bars</li> <li>• In case non-standardized junction pieces are required, a drawing must be provided, giving exact details of angles</li> </ul>
Packaging	Rolls at 15 and 30 Lm

Types & Dimensions of Waterstop						
	Illustration	Description	Type	Width cm	Roll Length m	Nominal thickness mm ±10%
<b>For Construction Joints</b>		<ul style="list-style-type: none"> <li>Centrally placed Waterstop.</li> <li>Installed in the center of concrete structure.</li> <li>Designed for easy anchoring to reinforcement with special fixing clips</li> </ul>	V20	20	30	3 mm 4 mm 5 mm 6 mm
			V24	24	30	3 mm 4 mm 5 mm 6 mm & 6/4 mm 8 mm 10 mm & 10/8 mm
			V30	30	20	3 mm 4 mm 5 mm 6 mm 7 mm 10 mm & 10/6 mm
			V32	32	20	4 mm 5 mm 10 mm
<b>For Expansion Joints</b>		<ul style="list-style-type: none"> <li>Maximum 20 mm expansion and 10 mm Shear movement</li> </ul>	O20	20	15	3 mm 4 mm 5 mm 6 mm
			O24	24	15	3 mm 4 mm 5 mm 6 mm 7 mm 10 mm
			O32	32	15	4 mm 5 mm 6 mm 7 mm 10 mm
<b>Surface Waterstop</b>		<ul style="list-style-type: none"> <li>Installation on the surface of concrete structures</li> </ul>	AR	26	15	4 mm 5 mm 10 mm
			DR	26	15	4 mm 5 mm 10 mm

- It can be manufactured in thickness from 3mm – 10mm
- Ask about the Light (L) version
- 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	<ul style="list-style-type: none"> <li>• Use gloves when handling dry powder</li> <li>• Do not breathe dust</li> <li>• Use a particle mask</li> <li>• Eye contamination must be washed immediately with clean water</li> </ul>
Additional Information	<p><b>PROKEM</b> 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</p> <p><b>PROKEM</b> designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction</p> <p><b>PROKEM</b> reserves the right to change the properties of its products</p> <p>All orders are accepted subject to our current term of sale &amp; delivery</p> <p>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</p> <p><b>PROKEM</b> extends technical services to include after-sales support to assist users in the proper handling of our products</p>