

# HYDROSTOP

HYDROSTOP is a hydrophilic, 100% expansive rubber waterstop for the sealing of concrete construction , concrete-steel joints and underground precast elements. Hydrostop is standard delivered with a swell retardant coating. Free swelling: 250%



<p>▪ <b>How does HYDROSTOP work?</b></p> <p><b>Benefits</b></p>	<p>Concrete construction joints can show fine cracks or cavities during the natural curing process. This could cause water to infiltrate into the concrete.</p> <p>In contact with water, HYDROSTOP swell joints will swell up to 250% of its initial volume and make the construction waterproof. Also cavities and fine cracks are efficiently sealed. HYDROSTOP is glued with PURSTOP ADHESIVE polyurethane glue for leveling and gluing purposes.</p> <ul style="list-style-type: none"> <li>➤ Reversible expansive properties in contact with fresh and salt water</li> <li>➤ Safe and easy installation with nails ( 25 cm interval) or PURSTOP adhesive glue</li> <li>➤ High flexibility and swelling capacity ensure absorption of movement in the construction.</li> <li>➤ Good chemical resistance also to hydrocarbures</li> </ul>
<p>▪ <b>Operational data</b></p>	<p>The HYDROSTOP system functions efficaciously when the application instructions are observed.</p> <p>Make sure the concrete is dry, smooth and free of dust or any other contaminants. Glue HYDROSTOP with PURSTOP ADHESIVE polyurethane glue in the middle of the construction joint observing a free space of about 6 cm at both sides of the inner and outer rebars to absorb pressure during swelling. Or alternatively nail HYDROSTOP with 25 cm intervals Do not install in overlap but by simply butting together the rollends</p>

	<p>Though HYDROSTOP is supplied with a water retardant coatings, it is recommended not to install the system during heavy rainfall to avoid premature swelling before pouring the vertical concrete walls.</p>
<p>▪ <b>Technical data</b></p>	<ul style="list-style-type: none"> <li>▪ Density: 1,4 kg/dm<sup>3</sup> (ASTM D 792)</li> <li>▪ Swelling: 250% of the initial volume ( ASTM D 471)</li> <li>▪ Tensile strength : 1,2 MPa ( ASTM D 412)</li> <li>▪ Elongation : 525 % ( ASTM D 412)</li> <li>▪ Hardness : 50 HAD ( ASTM D 2240)</li> <li>▪ Expansion in salt water with 5 % NaCL in room Temperature 210 % after 15 days , 225 % after 30 days</li> <li>▪ Installation: between temperatures of -15 °C to 50 °C</li> <li>▪ Install with polyurethane glue PURSTOP ADHESIVE for leveling and gluing purposes</li> </ul>
<p>▪ <b>Consumption</b></p>	<p>Calculate the quantity necessary in function of the lengths of the construction joints. Make sure the two ends of a roll meet nicely.</p>
<p>▪ <b>Packaging</b></p>	<p>HYDROSTOP is supplied standard as follows:</p> <ul style="list-style-type: none"> <li>▪ Colour: black colour with a water retardant coating.</li> <li>▪ Dimensions: 20 x 10 mm; 20 x 5 mm</li> <li>▪ Rolls: 25 meter ( 20 x 10 mm) Rolls: 50 meter ( 20 x 5 mm)</li> <li>▪ Boxes: <ul style="list-style-type: none"> <li>20 x 10 mm : 50 lm /box / 4000 lm /pallet</li> <li>20 x 5 mm : 100 lm/box / 8000 lm/pallet</li> </ul> </li> </ul> <p>PURSTOP ADHESIVE: cartridges of 310 ml</p> <p>HYDROSTOP can be supplied under private label.</p>
<p>▪ <b>Conservation</b></p>	<p>Store in a cool and dry place, on pallets in the original packing. Conservation time is 1 year.</p>

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