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## ATYS-JSW-802

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<b>Description</b>	Flexible PVC ATYS-JSW-802 to seal construction and expansion joints in concrete structures. ATYS-JSW-802 is available in different sizes and types, depending on their use.
<b>Uses</b>	ATYS-JSW-802 is used to seal construction and expansion joints in water retaining structures such as reservoirs, water towers, dams, spillways, canals, swimming pools sewage tanks etc. as well as to keep water out of concrete structures such as basements, underground car parks, tunnels, subways retaining walls etc...
<b>Advantages</b>	<ul style="list-style-type: none"><li>▪ High quality PVC for long durability</li><li>▪ Suitable for high water pressure</li><li>▪ Easy to weld on site</li><li>▪ Many different sizes and types available, depending on their use</li></ul>
<b>Technical Data</b>	<p><b>Type :</b> Polyvinyl Chloride <b>Density:</b> ~ 1.39-1.46 kg/l <b>Shore 'A' hardness:</b> 71-79 <b>Service temperature:</b> -25°C to +60°C <b>Tensile strength (DIN 18541 Part 2):</b> &gt; 10 N/mm<sup>2</sup> <b>Elongation at break (DIN 18541 Part 2):</b> &gt;350% (Type Forte: &gt; 200 %) <b>Chemical resistance:</b> Permanent: Water, seawater and sewage. Temporarily: Diluted inorganic alkalis, mineral acids and mineral oils. <b>Alkali resistance:</b> Passed CRD-C 572-65, US Corps of Engineers) <b>Welding temperature:</b> ~ +200°C <b>Shelf life:</b> 5 years from date of production if stored in cool conditions protected from UV light.</p>

	Uses	Type	Width cm	Roll length m	Nom. thickness mm (± 10%)	Max. waterhead in m
For construction joints	<b>Centrally placed Waterbars</b> Installation in the centre of concrete structures. Easy anchoring of waterstops to reinforcement with special fixing clips. 	V-15	15	30	2.5 - 5.0	5
		V-20	20	30	3.0 - 7.0	15
		V-20 L	20	30	2.0 - 4.0	15
		V-24	24	30	2.5 - 4.0	15
		V-32	32	30	2.5 - 5.5	25
		AK-19	19	30	2.5 - 3.5	5
		AK-24	24	30	3.0 - 4.0	15
		AK-32	32	30	3.0 - 4.0	25
		Forte 19	19	30	3.0	5
		Forte 24	24	30	3.0	15
		Forte 32	32	30	3.5	25
	For expansion joints		DK-19	19	30	3.0
DK-24			24	15	3.0	15
DK-32			32	15	3.0	25
 Max. 20 mm expansion and 10 mm shear movement		O-15	15	15	2.5	5
		O-20	20	15	3.0	10
		O-20 L	20	15	2.0 - 3.5	10
		O-22	22	15	3.5	10
		O-22 L	22	15	2.5 - 4.0	10
		O-25	25	15	3.5 - 5.0	15
		O-25 L	25	15	2.0	15
		O-30	30	15	4.0 - 8.0	25
 Max. 40 mm expansion and 30 mm shear movement		O-32	32	15	3.5 - 5.0	25
		O-32 L	32	15	2.5	25
		M-22	22	15	5.0	10
		M-25	25	15	2.5 - 5.0	10
<b>Surface Waterbars</b> Installation on the surface of concrete structures 	M-35	35	15	4.0 - 7.0	25	
	AR-18*	20	15	3.5	5	
	AR-24*	25	15	3.5	10	
	AR-26	28	15	3.5	15	
Construction joints		AR-31	31	15	4.0	15
Expansion joints	Max. 10 mm expansion and 5 mm shear movement (19,25)  Max. 10 mm expansion and 10 mm shear movement (27,32)	DR-19*	21	15	3.5	5
		DR-25*	26	15	3.5	10
		DR-27	29	15	3.5	15
		DR-32	32	15	4.0	15

\*Only with four pins

## Safety Instructions

**Safety precautions:** Welding should only take place at well ventilated areas or while wearing an oxygen-mask.

**Ecology:** Can be disposed of according to local regulations.