

# ADVASTOP PVC WS JN

PVC Joint Sealing Profiles



## DESCRIPTION

ADVASTOP PVC WS JN is a 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

- ▶ It 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.
- ▶ To keep water out of concrete structures such as basements, underground car parks, tunnels, subways, retaining walls etc.

## ADVANTAGES

- ▶ 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.

## TEST STANDARDS/APPROVALS

ADVASTOP PVC WS JN have been tested in accordance with: BS 2782, ASTM D2240, DIN18541, ISO527 and GOST 11262-80.

## PRODUCT DATA

Form and Color: Extruded PVC preformed profiles, in Blue, Yellow, and Black Color  
Packaging: 15, 20, 25 LM Rolls

## TECHNICAL PROPERTIES


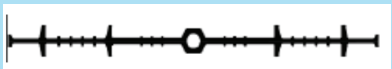


All ADVASTOP PVC Waterstops are specially formulated and manufactured to meet or exceed the industry's standard specifications.

DESIGNATION	PROCEDURE	VALUE
Tensile Strength	DIN 53455, BS 2782 Part 3 – 1976 Method 320 A	>10*N/mm <sup>2</sup>
Elongation at Break	DIN 53455, BS 2782 Part 3 – 1976 Method 320 A	>250%
Shore A Hardness	DIN 53505, ASTM D2240	80 ± 2
Stabilization	*	Lead Free
Water Absorption	ASTM 570	0.06%
Specific Gravity	ASTM D 792	1.54 ± 0.02

\* All values given are subject to 5-10% tolerance.



## TYPES

	USES	TYPE	WIDTH CM	ROLL LENGTH LM	NORMAL THICKNESS mm (±10%)
Construction Joints	Centrally Placed Waterstop 	ICJ – 150 N	15	15,20,25	4
		ICJ – 200 N	20	15,20,25	4
		ICJ – 250 N	25	15,20,25	4
		ICJ – 330 N	33	15,20,25	6
Expansion Joints		IEJ – 150 N	15	15,20,25	4
		IEJ – 200 N	20	15,20,25	4
		IEJ – 250 N	25	15,20,25	4
		IEJ – 330 N	33	15,20,25	6
Construction Joints	Externally Placed Waterstop 	ECJ – 150 N	15	15,20,25	4
		ECJ – 200 N	20	15,20,25	4
		ECJ – 250 N	25	15,20,25	4
		ECJ – 330 N	33	15,20,25	4
Expansion Joints		EEJ – 150 N	15	15,20,25	4
		EEJ – 200 N	20	15,20,25	4
		EEJ – 250 N	25	15,20,25	4
		EEJ – 330 N	33	15,20,25	4

## STORAGE

**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.

**Shelf Life:** 36 months from date of production if stored properly in undamaged and unopened original sealed packaging.

## HEALTH & SAFETY

Hot weld site joining of PVC Waterstops results in the liberation of hydrogen chloride mist and vapor. The OEL (Operational Exposure Limit) of 5ppm can be exceeded in still air conditioned spaces, therefore forced ventilation must be provided or a suitable respirator used.

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.



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