

## PVC Waterstop for Waterproofing

### DESCRIPTION

**TIKIPLAN CWS** is manufactured from high grade PVC formulation to meet the highest performance standards and are designed for sealing Compartment System of PVC waterproofing membrane **TIKIPLAN SL 2017, TIKIPLAN SL 3017**.

**TIKIPLAN CWS** is available in different types, shapes and sizes to suit different uses, service requirement and exposure conditions.

**TIKIPLAN CWS** complies with US Corps. Of Engineers specification CRD-C-572 and BS:2571 (test method BS: 2782:320A), ASTM Standards and IS 15058: 2002.

### APPLICATION DATA

Property	Test	Value
Tensile strength	ASTM D638	≥ 12 N/mm <sup>2</sup>
Ultimate elongation	ASTM D638	≥300%
Specific gravity	ASTM D792	≤ 1.45
Hardness Shore A	ASTM D2240	75 to 85
Water absorption	ASTM D570	≤ 0.15%
Tear resistance	ASTM D624	≥ 50 kN/m
Low temperature brittleness	ASTM D746	No failure at -25°C

### ADVANTAGES

- Suitable for thermal welding in shop and outside.
- Flaps on end side for welding and/or fixing as appropriate.
- Controls and retains leakage at specific locations.
- Compatible with all PVC waterproofing membrane.
- Sustains effective seal in wet conditions.
- Acts as a stop-end for injection grout when used at location of construction joints.
- Simple on-site welding.
- Good resistance to chemicals normally found in the groundwater.
- Excellent flexibility even at low temperatures.

### USES

**TIKIPLAN CWS** is use as external waterstop for sealing of construction joints and compartmentalization of waterproofing based on PVC membranes.

### APPLICATION INSTRUCTIONS

**TIKIPLAN CWS** PVC waterstop must be installed prior to concrete placement to ensure proper positioning and concrete consolidation around the waterstop. All transitions, intersections, and splices should be heat welded to maintain continuity. Specific installation requirements will vary depending on the style of profile.

For compartmentalization of PVC waterproofing membrane, the **TIKIPLAN CWS** PVC waterstops shall be placed at all strategic locations as per site requirement to prevent the spread of water leakage, limiting remedial work after construction.

**TIKIPLAN CWS** shall be spot hot welded to the PVC waterproofing membrane, thus ensuring that it becomes an integral part of the waterproofing system.

### SUPPLY

**TIKIPLAN CWS** strips is supplied in 15m length.

- External Total Width: 250 mm ± 5mm
- Base Plate Thickness: 3 mm minimum
- No. of Anchoring Ribs: 4
- Height of anchoring ribs 25mm minimum, (excluding base plate).
- Color: Blue or as per customer requirements.

### STORAGE

**TIKIPLAN CWS** must be stored above 5°C. Store under the shed & protect from extremes of temperature, heat, and direct sunlight.

**VERSION: R2, 202203**

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