



# SUPERSTOP PVC

## Flexible PVC Waterstop

### DESCRIPTION

SUPERSTOP PVC is extruded from specially compounded PVC and is designed for use in water retaining and water excluding structures where a positive seal is required for poured in-situ concrete expansion, construction and contraction joints. SUPERSTOP PVC is available in different sizes and types, depending on the requirements.

### BASIC USES

Water retaining structures:

- Water tanks
- Bund walls
- Sewage treatment plant
- Reservoirs
- Dams and spillways
- Water treatment plant
- Swimming pools

Water excluding structures:

- Basement areas
- Underground car parks
- Tunnels
- Retaining walls
- Suspended slabs
- Below ground slabs
- Roof slabs

### PACKAGING

Supplied in 15m - 20m rolls.

### DIRECTIONS FOR USE

**Placing of SUPERSTOP PVC:** Placing is executed in accordance with the engineer's drawing on which SUPERSTOP PVC profile and the position are required. Level differences, bends, junctions, etc. should be carefully considered before placing.

**Centrally Placed Superstop:** These superstops are positioned within the thickness of the concrete components and as a result are supported by concrete on both sides. They are therefore able to withstand water pressure from either side. This

make them suitable for use in water retaining structures.

**Externally Placed Superstops:** These superstops are designed for use in basement, foundation and floor slab construction in vertical and horizontal joints in both water retaining and water excluding structures. When used in walls, externally placed superstops will only resist water pressure from the face to which they are fixed. When used below floor slabs, where the superstop is supported by the binding concrete or when placed in vertical situation against permanent concrete shuttering, externally placed superstops will resist water pressure from either face.

**Installation Instruction:** SUPERSTOP PVC must be installed so that it is securely held in its correct position while the concrete is being placed. Concrete must be fully compacted around the superstop to ensure that no voids or porous area remain. Where reinforcement is present, an adequate clearance must be left to permit proper compaction.

**Site Jointing Instruction:** Jointing of SUPERSTOP PVC is carried out using special heat welding equipment. The ends to be joined are cut square and held in alignment in a special jig. The ends are then pressed against either side of a special heated blade, until an even, molten bead of PVC appears around the section. The heated blade is then removed and the molten ends pressed fully together. The PVC cools to form a strong fusion welded joint.

### CLEAN UP

Clean all the tools and application equipment with water immediately after use. Hardened and/or cured material can only be mechanically removed.

### SAFETY PRECAUTIONS

The Technical and Safety Data Sheets must be read and understood before use.

## WARRANTY

Tremco warrants its Products to be free of defects in materials but makes no warranty as to appearance or colour. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase of the quantity or Tremco product proved to be defective and Tremco shall not be liable for any loss or damage.

PROPERTY	DESCRIPTION
Appearance	Green
Material Type	Polyvinyl Chloride
Welding Temperatures	Approximately 180°C – 200°C
Tensile strength (MPa)	13.00
Elongation at Break (%)	> 300
Water absorption at 32°C (%)	0.21
Specific Gravity (g/cm <sup>3</sup> )	1.4
Thermal stability (minute)	106
Loss of mass (g/cm <sup>3</sup> )	0.004
Shelf Life	5 years from the date of production if stored properly in original, unopened and undamaged sealed packaging.

To find your local office address and contact details, visit

[www.tremcocpg-asiapacific.com](http://www.tremcocpg-asiapacific.com)

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