Supercast® PVC Waterstop

**PVC Waterstop**

**1.00 Waterstop**

Where so designated on the drawings, the waterstop shall be an extruded PVC profile incorporating both valve and tortuous path design to minimise passage of liquids in construction and expansion joints in in-situ placed concrete. The PVC waterstop must comply to BS 2571-1990, Class 3, Type E3 and be available in both centrally placed and externally placed profiles with factory made intersection pieces.

**1.10 Installation**

Waterstops must be installed so they are securely held in correct position while concrete is being placed. Concrete must be fully compacted around waterstops to ensure no voids or porous

areas remain. Where reinforcement is present, and adequate clearance must be left to permit proper compaction.

**1.20 PVC Waterstop**

When used in contact with drinking water, the waterstop will be tested to and comply with AS4020:2018 at an exposure level of 15,000mm2 / litre.

The PVC waterstop shall exhibit the following properties:

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| --- | --- |
| **Hydrostatic head resistance:** | Up to 60m |
| **Joint movement capability:** | Up to 10mm |
| **Tensile strength (compound):** | 16MPa |
| **Elongation at Break:** | Min 265% |
| **Shore ‘A’ Hardness:** | 70 - 90 |

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1.21 The waterstop shall be installed in accordance with the manufacturer’s product data sheet.

**1.30** **Fosroc Supercast PVC Waterstop** meets the performance criteria and is approved.

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