

X-Stop PVC CF150C

Centrally placed PVC 150mm waterstop

60690113

Product Description

X-Stop PVC CF150C is manufactured from a high quality virgin PVC compound which has been formulated to give excellent flexibility and durability. This profile is available in recycled PVC (200% elongation) and high elongation grades (500% elongation).



Advantages

- Proven design
- 'Diamond' bulbs act in compression and extension
- Flexible to accommodate movement
- Reinforced eyelet edge flanges for positive fixing
- Simple job site splicing
- Full range of intersection pieces
- Suitable for use in potable water structures

Uses

- Water tanks and sewage tanks
- Canals and spillways
- Bunded areas surrounding liquid retaining tanks
- Abutments and retaining walls
- Roof decks and podium areas

Specification Compliance

Meets the US Corps of Engineers specification CRD-C572-74.

Meets the requirements of BS6920 for use in contact with potable water.

Laboratory Test Data

| Property | Typical Results |
|---------------------|-----------------|
| Tensile strength | >15MPa |
| Elongation at break | >300% |
| Hydrostatic head | Up to 20m |

Color

Blue

Packaging

X-Stop PVC CF150C are supplied in 12 or 15m rolls.

Installation Guidelines

X-Stop PVC CF150C should be installed by experienced operatives. X-Calibur provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting work. The information below is a summary intended for guidance only.

Secure the waterstop in place using split forms or other suitable method which will ensure correct positioning and proper embedment of the waterstop into the concrete. Vibrate the concrete around the waterstop to ensure adequate compaction. On wall joints, secure the waterstop to reinforcing steel using tie wire. Provide sufficient number of ties to maintain the waterstop's position during subsequent pours.

A fully continuous waterstop network must be formed using only factory made junctions, with site joints limited to simple butt welds of similar section.

Splicing can be accomplished by softening the ends of the PVC waterstop to melting point $200\text{C} \pm 10\text{C}$ ($392\text{F} \pm 50\text{F}$) over an indirect heat source. Thermostatically controlled Teflon coated welding irons are recommended. When the plastic begins to melt, place ends together in direct alignment and hold firmly in position until the plastic cools (about 20 seconds).

Limitations

Do not inhale fumes when splicing.

Do not expose to sunlight for extended periods.

Health and Safety

This product is for industrial use only by trained operatives. It is hazardous if not used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product. The MSDS can be obtained via our website www.x-calibur.us.

Authorized Technical Specialist

Please note that only X-Calibur Authorized Technical Specialists ('ATs') are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product. Visit www.x-calibur.us for a full list of X-Calibur ATs.

Datasheet Validity

X-Calibur makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on www.x-calibur.us to ensure you have the latest version.

Warranties

X-Calibur supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. X-Calibur does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to X-Calibur in writing within five working days of being detected. X-Calibur Construction Systems Inc. **makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied.** X-Calibur Construction Systems Inc. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.



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