

X-Stop SwellSeal

One part hydrophilic adhesive and sealant

Product Description

X-Stop SwellSeal is a high performance hydrophilic polymer adhesive and sealant that is used on its own or in conjunction with X-Stop HWS waterstops to provide a permanent watertight seal in the presence of water in a variety of applications.

Uses

- Bonding of hydrophilic waterstops
- Construction joints
- Watertight pipe penetrations
- Sealing of reinforcing bars in pile caps
- Sheet pile connecting joints
- Diaphragm walls joints

Advantages

- Single component, no mixing required
- Easy to use
- High swell capacity
- Suitable for a wide variety of substrates
- Good chemical & saline resistance

Physical Properties

| | |
|------------------|--------------|
| Color | Grey |
| Tack-free time | 1 to 2 hours |
| Volume Expansion | 100% |

Volatile Organic Content

VOC = 40 g/L

Packaging

320ml cartridges

Shelf Life

12 months when stored under 35C in dry conditions.

Installation Guidelines

Application

Ensure the surface to be sealed is clean and free from contaminants. Use a standard caulking gun and apply in layers or beads 5 to 10mm thick to suit the particular application the product is being used for. Let the product cure for a minimum of 24 hours before casting concrete against it. Protect from rain to prevent premature swelling before casting concrete.

Limitations

Concrete cover over the product should be a minimum of 50mm
Do not apply at temperatures below 5C or above 40C
Do not apply to frozen substrates
Do not use in expansion joints

Health and Safety

This product is for industrial use only by trained operatives. It is potentially 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.ncc.com.eg.

Authorized Technical Specialist

Please note that only NCC X-Calibur Authorized Technical Specialists ('ATSS') 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.ncc.com.eg for a full list of NCC X-Calibur ATSS.

Datasheet Validity

NCC X-Calibur makes modifications to its product datasheets on a continuous basis. Check the datasheet update section on www.ncc.com.eg to ensure you have the latest version.

Warranties

NCC 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 NCC X-Calibur in writing within five working days of being detected. NCC X-Calibur Construction Chemistry 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.** NCC X-Calibur Construction Chemistry Inc. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.

Quality Statement

All Products manufactured by NCC X-CALIBUR or imported from X-CALIBUR companies world-wide are manufactured to procedures certified to conform the quality, environment, systems described in the ISO 14001:2004 , ISO 9001:2000.

