

X-Tite InjectaHose

Injection hoses for protection against potential and active leaks

Product Description

X-Tite InjectaHose MU is re-injectable water stop hose and is composed of a spiral core made of PE coated with a flexible layer of cellular rubber and reinforced with rayon fibres.

X-Tite InjectaHose SU is a single injection water stop hose and is manufactured from PVC in a double hose configuration that offers many of the advantages of the MU version at lower cost. However this system can only be injected once.

Advantages

- Maximum resin distribution
- Uniform resin distribution
- Two grades available
- Economic
- Active
- Non destructive
- Easy to use

Typical Uses

X-Tite InjectaHose system has been specially developed to provide increased water tight integrity for:

- Construction joints
- Water excluding structures
- Water retaining structures

Installation Guidelines

Before installing the injection hose, check that you have the right type of injection hose suitable for the project and all the required parts and equipment.

Parts needed for the installation:

X-Tite InjectaHose
Feeder hose
Attachment clips
Pressure connectors
Injection boxes for feeder hoses

Equipment needed for the installation:

A sharp knife or a cutter
A nail gun or a drilling machine
1" to 1.5" steel nails or nail plugs
Hot air blower

It is easier and faster to install the hose before the reinforcing steel is placed.

Make sure that the surface to receive the hose is clean and free from all loose aggregate.

Measure the required length of injection hose and cut the ends with a sharp knife so they are even. The length of injection hose should not be more than 12 meters.

Measure and cut the feeder hoses. Normally 500mm is sufficient, but they can be longer and directed inside concrete. Cut the ends of feeder hoses so they are even. Pull the ends of the feeder and injection hoses inside pressure connector so they are in contact and centered with each other in the middle point of the connector. Warm the connector up with a hot air blower so it shrinks and adheres around the hoses.

Place X-Tite InjectaHose in the middle of the joint with at least 75mm distance from the edge of the wall. Start fixing the hose surround the connection piece and go forward to other end of the hose.

Fix the injection hose to the surface with fixing clips at 200mm centers. For the correct operation of the hose it is essential that it does not float in the fresh concrete during casting.

At the connections overlap injection hoses by at least 50mm. Injection hoses must not be in direct contact with each other to prevent cross flow during injection.

Place the connection pieces of feeder and injection hoses at least 75mm from the edge of the wall to prevent pressure loss during injection.

When you fix an injection hose to a corner where beddings are perpendicular to each other, turn the hose adjacent to the corner before continuing to the second bedding. That way the hose is in continuous contact with substrate.

Place the feeder hoses in to an injection box and attach it to the concrete form. Ensure the injection box is securely located and sealed to ensure no cement past enter the box.

Individually number the injection hoses and record the hose runs to drawings. To ease the locating and injection of the hoses use two different colors of feeder hose (green and clear) to identify the entry and exit points for

the injection process. Mark the number of the injection hose also to the feeder hoses.

Limitations

The concrete should be minimum 28 days old prior to commencing injection.

Use only approved feeder hoses.

Do not place the injection hoses in direct contact with each other.

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 only NCC 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.ncc.com.eg for a full list of NCC X-Calibur ATSS.

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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.



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