

# X-Tite InjectaHose PU Resin

## Polyurethane injection resin

### Product Description

X-Tite InjectaHose PU Resin is a low viscosity polyurethane grout designed for use with X-Tite InjectaHose.

### Composition

X-Tite InjectaHose PU Resin is a two component system.

### Advantages

- Elastic seal
- Resistant to a wide range of chemicals
- Solvent and filler free

### Uses

- Sealing of cracks

### Laboratory Test Data

Property	Typical Results
Relative density	1.1 to 1.15
Tensile strength (ASTM D638)	2 N/mm <sup>2</sup>
Elongation (ASTM D638)	60 to 80%
Shrinkage (In-House test)	Zero
Pot life	45 to 60 mins

### Packaging

5 liters packs.

### Shelf Life

12 months when stored at 68F (20C) or less in a frost-free, dry and shaded area. Open containers of material should be used immediately to avoid moisture contamination.

### Installation Guidelines

The installation of this type of product must be carried out by experienced contractors. The information below relates only to preparation of the grout mix.

### Application Instructions

X-Tite InjectaHose PU Resin can be injected as a one or two component system.

#### Resin as a one component system

Add the required amount of catalyst to resin. Mix it thoroughly until a homogeneous mixture has been obtained, which will be the case in about 2 minutes. The mix can now be pumped by means of a single component injection pump. Keep in mind that the pot life is 45 to 60 minutes at 20C.

After the injection the pump should be cleaned with methylene chloride or 1,1,1-trichloroethane.

#### Resin as a two component system

X-Tite injectaHose PU Resin can be applied by means of a metering/mixing machine. As a result of the low viscosity of both components a usual simple static mixer can be used.

Mix Ratio by volume 2 resin: 1 catalyst.

If resin is applied as a two component system, the possibility is open to speed up the curing time of the resin.

### Clean Up

Tools should be cleaned immediately after use, before the resin sets, using methylene chloride or 1,1,1-trichloroethane.

### 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](http://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](http://www.ncc.com.eg) for a full list of NCC X-Calibur ATSS.

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## Datasheet Validity

NCC X-Calibur makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on [www.ncc.com.eg](http://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. NCC 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 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.** NCC X-Calibur Construction Systems 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.

