

X-Tite InjectionGrout PU100

Hydrophobic polyurethane grout

Product Description

X-Tite InjectionGrout PU100 is a low viscosity polyurethane grout designed to react with water to form polyurethane foam for sealing water leaks and stabilizing soil.

Composition

X-Tite InjectionGrout PU100 is a two component system comprising a solvent free MDI based urethane pre-polymer and an amine based catalyst.

Advantages

- High expansion
- Solvent free
- Resistant to a wide range of chemicals
- Resistant to biodegradation
- Can be used in contact with potable water

Uses

- Sealing of water leaks
- Void filling
- Soil stabilization

Laboratory Test Data

Property	Typical Results
Tensile strength (ASTM D638)	80 ± 20psi
Elongation (ASTM D638)	50% ± 10
Pot life	3 to 4 hrs

Volatile Organic Content

VOC = 0g/L

Packaging

1 & 5 liters packs.

Shelf Life

6 months when stored at 26C or less in a frost-free, dry and shaded area. Open containers of material should be used quickly to avoid moisture contamination.

Installation Guidelines

The installation of this type of product must be carried out by experienced contractors. X-Tite InjectionGrout PU100 can be applied using either injection packers fixed into holes directly into the crack or drilled diagonally from concrete adjacent to the crack or by fixing surface mounted injection nipples. On a wide cracks or where a large flow of water is seen, X-Roc Waterplug should be considered for initial control of water.

Mixing

Thoroughly mix the accelerator with the base resin manually. Exclude moisture during mixing and application. Apply with standard injection equipment. When flowing water has stopped re-inject with X-Tite InjectionGrout PU200 to give a permanent seal.

Cleaning

Tools should be cleaned immediately after use, before the resin sets, using proprietary cleaner. Once the resin has set, it can only be removed by mechanical means.

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 X-Calibur ATSS.

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 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 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.

