



# TufBond UR 10

## Solvent Free Polyurethane Injection Resin for Water Cut-Off

### Uses

- Solvent free, non-flammable.
- Outstanding resistance to water
- Physiologically harmless
- Resistant against biological attack.
- Reacts even with sea water and mineral water.

### Typical Applications & Advantages

- Complete system for water cut off in concrete, masonry structures and sandy soils, even when strong leaks are encountered.
- Adaptable reaction time is possible by varying the catalyst from 2% to 10%.
- Reaction with the water results in the formation of a firm polyurethane foam, hydrophobic and chemically resistant.

### Product Description

**TufBond UR 10** is single-shot hydrophobic polyurethane based on MDI in combination with polyether polyols and an amine based catalyst. The system only reacts when it comes into contact with water, providing a rigid polyurethane foam.

### Typical Properties

Appearance	: Brown liquid
Specific Gravity	: 1.14 @25±2°C

### Technical Support

GIC provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance

### Instructions for Use

The reaction time can be from 10 minutes to 30 seconds. Dependant on the velocity of the running water or the amount of water expected in a crack, the gel time should be fixed before injection.

The pre-mixed resin can be pumped by means of a single component injection pump that is equipped for high pressure.

### Packaging & Storage

**TufBond UR 10** is supplied in 1 litre units and it has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.

### Health & Safety Precautions

**TufBond UR 10** does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

For further information refer to the Material Safety Data Sheet available for this product.

### Important note

GIC endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied, as GIC has no control over the conditions of use and the competence of any labor involved in the application are beyond our control.

**As all GIC technical data sheets are updated on a regular basis it is the customer's responsibility to check that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended.**

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