

CRACK FLUSHING AGENT

Cleaning Solution for Concrete Cracks and Joints Before Injection

Product Overview

CRACK FLUSHING AGENT is a concentrated, solvent-free, non-toxic cleaning solution designed to prepare cracks and construction joints in concrete structures before injecting polyurethane resins. This versatile agent is diluted on-site to a 5% concentration, ensuring thorough cleaning and preparation of wet, damp, or dry cracks and joints.



Key Features

- **Concentrated and Solvent-Free:** Non-toxic and solvent-free, providing a safe and effective cleaning solution.
- **Non-Flammable:** Ensures safe handling and application in various environments.
- **Long Shelf Life:** Offers a shelf life of up to 5 years, ensuring prolonged usability.
- **Effective Cleaning:** Provides efficient cleaning of cracks and construction joints, enhancing the adhesion and performance of subsequent polyurethane resin injections.

Physical Properties

Colour	Clear
Physical State	Liquid
Shelf Life	Up to 5 years
Packaging	Available in 1.65 kg bottles

Applications

CRACK FLUSHING AGENT is ideal for cleaning and preparing cracks in concrete structures such as potable water tanks, hydro dams, tunnel linings, and storage tanks. It is particularly effective in preparing wet, damp, or dry cracks for polyurethane injection, even in areas with seepages or flowing leaks.

Application Guidelines

Preparation: Drill injection holes and set packers for polyurethane injection. Dilute **CRACK FLUSHING AGENT** to a 5% concentration by mixing 1.65 kg of concentrate into approximately 15 L of clean water, stirring for 1 to 2 minutes.

Application: Using a single component injection pump, inject the diluted **CRACK FLUSHING AGENT** until all visible contamination is flushed from the cracks and a steady flow rate is achieved. Ensure thorough cleaning before proceeding with polyurethane injection. Flush cracks with copious quantities of clean water within 10 minutes of application. Proceed with polyurethane injection using separate resin injection equipment.



Cracks and construction joints in concrete structures are cleaned with **CRACK FLUSHING AGENT** before resin injection.

Clean Up: Immediately clean the pump and equipment with clean water after the flushing operation.

Recommended Equipment

Use with chemical grout injection pumps such as the Impact 410 and Lever Gun.

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Limitations

- Must be used in well-ventilated areas. Mechanical ventilation is required in confined spaces.
- Cannot be used with the same equipment unit for polyurethane resin injection.

Safety & Handling

This product is corrosive. Follow all current regulations and standards. Wear suitable protective equipment to prevent skin or eye contamination. Ensure adequate ventilation and avoid freezing conditions. This material is intended for use by trained professionals with the proper equipment. Refer to the Safety Data Sheet (SDS) for detailed first aid information.

Customer Service & Orders

For additional information, please call us at 1-800-663-6633 or email info@multiurethanes.com.

Company Overview

Multiurethanes is a leading international supplier of materials, equipment, and technical support services for all types of grouting operations, including water cut-off, soil stabilization, concrete repair, sewer rehabilitation and waterproofing.