

RIGID GROUT

Two-Component Water-Reactive Polyurethane



RIGID GROUT is used to fill voids in culverts beneath an airport runway. Repairs were required to prevent settlement.

Description

RIGID GROUT is a low-viscosity two-component polyurethane grout.

RIGID A and RIGID B are combined to produce a strong, hard foam that expands to approximately 10 times its original volume. RIGID GROUT is used to stabilize water-bearing soils and fill open voids.

Advantages

- Expansive, rigid foam provides structural support
- Develops adhesive bond that adheres to loose substrates
- Fast foaming and curing permits efficient installation
- Solvent-free and non-toxic

Where to Use

Application – RIGID GROUT is used to efficiently fill open voids adjacent to existing concrete structures, and to fill voids associated with foundations and roadways where settlement has occurred.

Substrate – soils, concrete, rock

How to Use

Preparation – Drill injection holes at an appropriate spacing depending upon site conditions.

Application – Wipe resin containers to avoid contamination by moisture. Apply RIGID GROUT with equal parts of component A and B using a two-component injection pump with static mixer at the point of injection.

Clean Up – Flush pump, hoses and injection accessories with PUMP CLEANER.

Technical Data

Component -	RIGID A	RIGID B
Density (20°C) -	1.05	1.24
Viscosity -	200-250 cps	175-225 cps
Mixing Ratio -	1 part	1 part
Colour -	Clear	Brown
Physical State -	Liquid	Liquid
Shelf Life -	12 mos.	12 mos.
Packaging -	17 kg pails	20 kg pails

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Limitations

- Reaction times affected by ambient temperature
- Recommended for dry areas

Caution

Wipe resin containers to avoid contamination by moisture. Keep containers closed when not pouring. Beware of pressure build-up in closed container. Use only in adequate ventilation. Prevent contact with eyes, skin and clothing. Contains reactive materials which result in an exothermic reaction and have the potential to burn skin. Avoid breathing vapours. Do not ingest. Wear appropriate PPE including impermeable gloves and safety glasses.

First Aid

For eye contact: flush with water; if irritation occurs: seek medical attention. For skin contact: wash with soap and water; if irritation occurs: seek medical attention. For inhalation: move to fresh air; if difficult breathing occurs: seek medical attention. For ingestion: seek medical attention; drink water; do not induce vomiting. Refer to MSDS for more information.

Related Products

Pump Cleaner, Injection Pumps

Related Literature

Polyurethane Injection Products, MSDS

Company Overview

Multiurethanes offers technical grouting services for soil stabilization and void filling applications for the same industries that you service; municipal, heavy civil, utilities and urban infrastructure. Our services include: engineering, technical support, materials, and equipment.

Technical Service

For additional information, please contact us: 1-800-663-6633 / info@multiurethanes.com



RIGID GROUT is a cost effective solution to fill voids beneath concrete slabs.