

REC GROUT 721

LOW VISCOSITY, FLEXIBLE ACRYLIC RESIN WITH ADJUSTABLE SET TIMES AND ADJUSTABLE WATER TO RESIN LEVELS SPECIALLY FORMULATED FOR REPAIRS OF DAMS, SEWER AND STORM PIPE SYSTEMS, AND FOR PRE-EXCAVATION GROUTING, STRATA CONTROL AND SOIL PERMEATION GROUTING

DESCRIPTION

REC GROUT 721 product is a versatile, low viscosity resin that facilitates adjustable set times with adjustable water to resin contents. **REC GROUT 721** product forms a flexible cross-linked gel with excellent adhesive properties. **REC GROUT 721** product retains its excellent swelling property in the presence of water, even after dry periods.

PRIMARY APPLICATIONS

- Sealing and consolidation in damp or wet areas
- Concrete repair
- Box culvert joint repair
- Storm and sewer pipe sealing
- Permanent water sealing of tunnels, shafts, concrete linings and masonry
- Pre-excavation injection

FEATURES/BENEFITS

- Acrylamide-free
- Re-swells upon exposure to moisture after dry periods
- Cured material is a highly flexible gel
- Excellent adhesive properties, even on damp or wet surfaces
- Resistant to acidic and alkaline solutions, as well as many other solvents
- Very low viscosity (close to that of water)
- Controllable gel time (between 10 seconds and 30 minutes at 68 °F (20 °C))
- Can be used with colored dye for better detection
- Swelling-fitted filling of cracks and fissures
- Can accommodate structural and ground movements
- Self-heals even after dry periods
- Very low viscosity helps in deep penetration of the product into very fine cracks or fissures and long flow paths, even at low pressure
- Harmless when in contact with groundwater, with no emission of dangerous substances

TECHNICAL INFORMATION

REC GROUT 721 RESIN (Part A)

| | |
|-------------|------------------------|
| Appearance: | Reddish |
| Density*: | 10.0 lb/gal (1.2 kg/L) |

REC GROUT 721 HARDENER (Part B)

| | |
|-------------|-------------------------|
| Appearance: | Clear |
| Density*: | 9.0 lb/gal (1.075 kg/L) |

MIXED MATERIAL (Part A and (Part B)

| | |
|-------------|-----------------------|
| Appearance: | reddish |
| Density*: | 8.3 lb/gal (1.0 kg/L) |

*@ 68°F (20°C)

DIRECTIONS FOR USE

Dosage and Application Procedure: Part A (resin) and Part B (hardener) are injected in the ratio of 2:1 by volume, using a two-component injection pump, equipped with a static in-line mixer.

Cleaning: Injection equipment and hoses can be cleaned of uncured material using xylene or thinner.

PACKING

REC GROUT 721 resin is packaged in 20 Kg pail and **REC GROUT 721** hardener 10 kg pail.

SHELF LIFE

Shelf life is at least 12 months. If protected from frost or prolonged exposure to elevated temperatures.

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