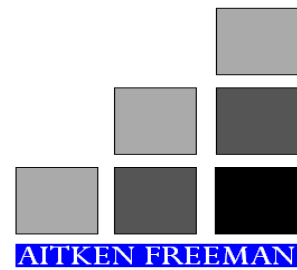


# ResigROUT I



## Low Viscosity Epoxy Injection Resin

### USES

ResigROUT I is designed for Injecting cracks in Concrete and masonry, especially where there is a requirement to keep water and air out of the structure preventing deterioration of the reinforcement.

### BENEFITS

- Excellent adhesion
- High strength
- Moisture tolerant - cures under damp conditions
- Ease of application and convenient mix ratio
- Economical cost of material
- Can be Injected into surface cracks .02mm tapering down to .01mm

### TECHNICAL SUPPORT

Aitken Freeman offers a comprehensive range of high quality, high performance construction products. In addition, Aitken Freeman offers technical support to users and specifiers, and can arrange on-site visits to end users and contractors.

## APPLICATION

### PREPARATION

Drill an 8 - 10mm pilot hole to a depth of 30mm approx. every 200mm along the length of the cracks. For wider cracks, the Ports can be spaced out as much as 500mm.

The cracks should be blown out with oil free compressed air to remove water or dust from the drilling of the pilot holes.

Using either Anchorloc P or Resiloc 621 fix the Injection Ports over the pilot hole and seal the surface crack using the same epoxy.

**Note:** All cracks to be injected with ResigROUT I must be clean and sound.

### DESCRIPTION

ResigROUT I is a low viscosity epoxy injection Resin, it is supplied in a 450ml twin cartridge system for the easy mixing and application, 30 litre kits are also available for use with a Plural Pump for higher pressure applications.

### TYPICAL PROPERTIES

Compressive Strength	67 MPa
Flexural Strength	65 MPa
Tensile Strength	27 MPa
Pot Life @ 20°C	35 minutes
Tack free @ 20°C	6 hours
Full Cure	7 days

Maximum Viscosity 650 Centipoise @ 20 C

Mixed Viscosity 100 Centipoise @ 20 C

ResigROUT I Conforms to Vic Roads Standards

Testing Method BS 6319. 1, 2 & 3

Refer Section 687 (687.02 & 687.05)

### APPLICATION

ResigROUT I comes supplied in a twin cartridge system complete with locking nut and static mixing nozzle. Hold the kit upright and remove the two "D" plugs that seal the end of the cartridges.

Fit a static mixer to the open ends of the kit and lock in place use the locking nut supplied. Place the ResigROUT I kit in the ResigROUT application gun.

To ensure the material has mixed thoroughly through the static mixer, gun a small amount out prior to attaching the hose to the Injection Port.

### CURING

ResigROUT I will cure under damp conditions. Allow 7 days for full cure of this product.

## PRIMING

No priming required when used in sound concrete.

## SUPPLY

Resigrout I is available in 450ml twin cartridge and 30 litre kits with Pull up Spouts for Pressure Pump application.

## EQUIPMENT



**Wagner SF23 Premixed Hopper Feed**



**Graco M2K Plural pump**

## PRECAUTIONS

Resigrout I is designed for use in ambient temperatures between 10° - 35° C and all properties listed above assume a temperature of 20°C.

Where conditions outside this range are encountered, please consult our Technical staff prior to application.

Always read the product Data sheet, MSDS and product label prior to use of this material.

**Material Safety Data Sheets (MSDS) are available to users of Aitken Freeman products on request. Please ensure you have read this data sheet, the MSDS, and the product label carefully before first use of any product.**

## REMOVAL OF THE PORTS

After the Resigrout I has fully cured remove the Injection ports. This can be done using a Hammer or Grinder. Repair any voids using the Anchorloc P or the Resiloc 621.

## CLEAN UP

All equipment should be cleaned immediately after use using Resiloc Thinners. Cured material can only be removed with difficulty.

## STORAGE

Resigrout I should be stored in a cool, dry place in original unopened containers. Shelf life under these conditions is 12 months.

## ALLIED PRODUCTS

Aitken Freeman manufactures a broad range of construction products and can supply the following:

- Grouts and anchoring systems
- Epoxy Surface Coatings
- Admixtures for concrete
- Adhesives & Sealants
- Floor toppings
- Floor levelling compounds
- Concrete Repair materials
- Waterproofing solutions

***Refer to Material Safety Data Sheet for precautions and personal protection***

**Disclaimer:** Any advice, recommendation, information, assistance or service provided by Aitken Freeman P/L in relation to goods manufactured or supplied by them or their use and application is in good faith and is believed by Aitken Freeman P/L to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Aitken Freeman P/L is provided without liability.

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