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# Resigrout 935

## Epoxy grout specifically for underwater application

### Description

Resigrout 935 is a specialist epoxy grout for use in applications requiring installation under water.

### Advantages

- Readily Poured or Pumped
- High Strength
- Easy Underwater Application
- Excellent Adhesion
- Prepacked in Convenient Kits

### Application Instructions

#### Typical Properties

Pot Life @ 20°C	38 minutes
Specific Gravity 20°C	2.0 gm/ml
Compressive Strength	95 MPa
Maximum Thickness	125mm

### Preparation

All surfaces to be grouted should sound and clean. Any loose concrete or timber should be removed and replaced with grout as part of the repair, to provide a solid foundation. All drilled or cored holes must be cleaned out by compressed air or wire brush to remove slurry from the wall of the hole. Holes drilled underwater will contain slurry which must be flushed out using clean water.

### Mixing

Resigrout 935 is suitable for mixing using a drill and suitable paddle. Mix for 3 to 5 minutes to ensure thorough mixing. Only mix that quantity of material that can be used within the setting time. Avoid waste by using all the kit within 25 minutes of mixing. NB: Liquid epoxy grouts will generate heat and set rapidly if not used within the pot life.

### Application

1. Application by Pouring into Formwork.  
Ensure the formwork is sealed tight with either mastic or a foam compression seal prior to commencing grouting.  
Underwater voids are best filled from the base upwards to displace water out of the top of the form. This can be achieved by either a port in the formwork or the use of a tremie which can be slowly withdrawn from the form as the grout level rises. Ensure all formwork, shims etc., are greased or coated with Form Oil prior to grouting. NB: Hardened grout can only be removed with difficulty.

### Anchoring

Mix the Resigrout 935 as above and pour into the hole prior to placing the anchor or starter bar. Twist the bar into the grout to avoid air entrapment. Allow a small excess of grout when filling the hole to ensure the anchor is completely bonded.

### Curing

Resigrout 935 is suitable for removal of formwork after 24 hours. Allow 7 days for full cure. Resigrout 935 is not affected by curing underwater.

### Clean Up

Clean all equipment immediately after use. Use an approved solvent free hand cleaner on exposed skin.

### Estimating Packaging

Resigrout 935 is supplied in ready to use, 3 and 15 litre kits

### Storage

Resigrout 935 should be stored in the original unopened containers under cover and off the ground. Resigrout 935 has a shelf life in excess of 12 months.

## Precautions

Where temperatures less than 5°C or greater than 35°C are encountered, contact our Technical Staff for specific advice.

Resigrout 935 is non toxic, but it is alkaline in nature. Any contact with eyes or skin should be washed off with soap and clean water, Do **NOT** use solvent. Protective gloves, goggles and clothing should be worn. Repeated contact with epoxy resins and hardeners can cause sensitisation in some people handling this type of product. Where this occurs seek medical advice before continuing use.

## Note

Material safety data sheets for these and all Aitken Freeman products are available on request. Read the MSDS and product label carefully before using. All reasonable care is taken in the compilation of this data sheet. All recommendations regarding use are made without guarantee as the conditions of use are beyond the control of the manufacturer.

## 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

Please call our office for more information on any of these products.

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

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