



AITKEN FREEMAN

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Re-enterable Sealant

Low viscosity polyurethane encapsulant

DESCRIPTION

Re-enterable Sealant is a low viscosity polyurethane encapsulant based on specially selected resins and hardeners to produce a flowable grout for encapsulation.

ADVANTAGES

- Low Viscosity
- Re-enterable
- Easy Application
- Colour Coded
- Convenient Mix Ratio

TYPICAL PROPERTIES

Pot Life @ 20°C	25 minutes
Viscosity @ 20°C	180 Centipoise
Specific Gravity 20°C	1.10 gm/ml
Shore A Hardness	35 - 45
Mix Ratio	Mix only in kit supplied

ELECTRICAL PROPERTIES

Volume Resistivity @ 25°C: ohm-cm $4,5 \times 10^{15}$
Surface Resistivity @ 25°C: ohm-cm 2×10^{16}
Dielectric Strength @ 25°C: 19 KV/mm
Dielectric Constant @ 25°C: 3.05

PREPARATION

All contacted surfaces must be free of oil, grease or other contamination which may inhibit bond.

MIXING

Re-enterable Sealant is supplied in a ready to use kit comprising the yellow Base and red Hardener. Protective gloves are included in the kit.

Mix the base and hardener together by adding the hardener component to the base component and shaking vigorously for two minutes.

Apply the mixed product by pouring into the junction box taking care to fully encapsulate all cables and components. Use all mixed product within 25 minutes to avoid wastage.

CURING

Re-enterable Sealant is suitable for trimming off after 24 hours. Allow 7 days for full cure.

CLEANING

Re-enterable Sealant should be removed from tools and equipment immediately after completion. Cured material can only be removed mechanically.

ESTIMATING & SUPPLY

Re-enterable Sealant is supplied in ready to use 400ml kits, supplied in a heat sealed foil bag.

STORAGE

Re-enterable Sealant is a polyurethane based product which must be stored in the original unopened containers. Shelf life under these circumstances is 12 months.

PRECAUTIONS

Re-enterable Sealant is designed for use in ambient temperatures between 5°C and 35°C. Where conditions are outside this range, please contact our technical manager for advice specific to the application.

Protective goggles, gloves and clothing should be worn when handling this product.

FIRST AID

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. In case of contact with skin, wash with clean, soapy water. If swallowed, seek medical attention immediately - do not induce vomiting.

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.

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.

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

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