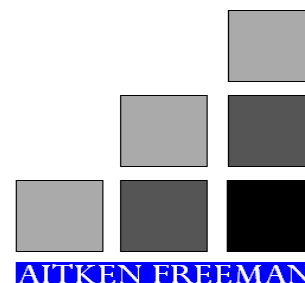


Resiloc 621



High strength, non-sag Epoxy Binder and Adhesive

USES

Resiloc 621 is a high strength, chemical resistant epoxy binder system, for use in high build applications requiring chemical resistance. Resiloc 621 can also be used as a chemical anchor for fixings in concrete, or as a general purpose adhesive.

BENEFITS

- Excellent chemical resistance to organic and mineral acid.
- Excellent adhesion to concrete substrate
- High strength and durable finish
- Ease of application and convenient mix ratio
- Suitable for a wide range of applications

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.

PREPARATION

All contacted surfaces to be treated with Resiloc 621 should be clean and sound, and free of oil, grease or other contaminants which could inhibit bond. Loose or damaged concrete should be repaired prior to application of Resiloc 621.

Where used as a chemical anchor, holes should be blown out with oil free compressed air to remove water or dust from the drilling of the hole.

TYPICAL PROPERTIES

Compressive Strength	92 MPa
Bond Strength	> 3.5 MPa
Pot Life @ 20°C	30 minutes
Initial Cure @ 20°C	24 hours
Colour	Grey when mixed
Curing time to achieve 12MPa	5 hours @ 25°C
Curing time to achieve 16MPa	6 hours @ 25°C
Full Cure	7 days

CHEMICAL RESISTANCE

Sulphuric acid 25%	Excellent
Nitric Acid 25%	Good
Lactic Acid 10%	Good
Sodium Hydroxide 25%	Excellent
Diesel	Excellent
Unleaded petrol	Excellent
Xylene	Excellent

APPLICATION

Apply the neat Resiloc 621 by trowel, spatula or gun, depending on the application.

Where Resiloc 621 is used as an adhesive, ensure the components being bonded are firmly held together.

To avoid waste, only mix as much material as can be used within the pot life of the product, and do not attempt to rework or retemper any partially set material.

If not used promptly, liquid epoxy grouts or binders can be subject to exotherm and set prematurely in the can.

CURING

Resiloc 621 should be suitable for light loads and traffic after 24 hours. 7 days should be allowed for full cure of this product.

MIXING

Resiloc 621 is suitable for mixing using a drill and suitable paddle. Add the Hardener component to the Base and mix thoroughly for 3 – 5 minutes to ensure proper mixing.

SUPPLY

Resiloc 621 is available in premeasured 4 litre kits comprising Base and Hardener Components.

PRECAUTIONS

Resiloc 621 is designed for use in ambient temperatures between 10° - 35° C and all properties listed above assume a temperature of 20°C unless specified. Where curing conditions outside this range are encountered, please consult our technical staff prior to application. Surface colour discolouration may occur in exposed applications, or exposure to strong oxidising chemicals.

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.

CLEAN UP

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

STORAGE

Resiloc 621 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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