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Granogrip

New to old adhesive for concrete

Description

Granogrip is a bonding agent for new to old concrete based on specially selected epoxy resins and hardeners. Also suitable for applications of epoxy mortars to damp substrates.

Advantages

- Moisture Tolerant
- Durable
- Easy Application
- Excellent Adhesion

Application Instructions

Typical Properties

Pot Life @ 20°C	35 minutes
Recoat time @ 20°C	18 Hours
Full Cure	7 Days
Bond Strength	> 3.5MPa
Tensile Strength	25MPa
Compressive Strength	85MPa

Preparation

All contacted surfaces must be free of oil, grease or other contamination which may inhibit bond. Any loose concrete should be removed prior to priming with Granogrip.

Mixing

Granogrip is suitable for mixing using a drill and suitable paddle, Add the Hardener to the Base and mix for 3 to 5 minutes to ensure thorough mixing. Only mix that quantity of material, (usually one kit at a time), that can be used within the setting time.

Application

Apply the Granogrip by brush, roller or spray at the rate of 4 - 6 m² per litre in an even pattern over the substrate.

Do not attempt to rework or retemper any partially set product. Avoid waste by using all the kit within 15 minutes of mixing. NB: Liquid epoxy products may exotherm and set prematurely if not used immediately.

Curing

Granogrip will cure under damp conditions and allow traffic over floor screeds after 24 hours Allow 7 days for full cure.

Clean Up

Clean all equipment with solvent immediately after use.

Estimating

Packaging

Granogrip is supplied in preweighed 1.5 and 6 Litre kits comprising Base and Hardener.
Material Usage. 4 - 6 m² per litre

Storage

Granogrip is an epoxy based product which must be stored in the original unopened containers.

Precautions

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

Granogrip 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 sensitization 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 including.

Grouts	Coatings
Admixtures	Adhesives
Sealants	Floor Toppings
Floor Levelling	Concrete Repair