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Granobond

General purpose PVA bonding agent

USES

Granobond is a general purpose PVA bonding agent, primer and cement modifier for use with Aitken Freeman concrete repair mortars.

BENEFITS

- Ready for use straight from container
- Excellent adhesion & bond promotion
- Water based formulation; easy to clean up
- Ease of application
- Suitable for most after trades

TYPICAL PROPERTIES

<i>Appearance</i>	Milky white liquid
<i>Specific Gravity @ 20°C</i>	1.10 gm/ml
<i>Bond strength @ 20°C</i>	> 1.5 MPa

PREPARATION

All surfaces to be repaired or primed should be clean, sound and free from any contamination which would inhibit bond. Cracked or damaged concrete should be repaired or removed, and any oil, grease or chemical contamination must be removed prior to repair or priming with Granobond. All free water should be removed from the surface. Any exposed steel should be cleaned back to bright metal and coated with Zincote. Zincote should be allowed to dry before application of Granobond. Repair areas should be saw cut at the edges to give a minimum depth of 5mm. Where a feather edge repair is required, the use of Tecpatch FC is recommended.

MIXING

Granobond is suitable for use as an admixture straight from the container without prior mixing. Where used as a primer or curing membrane, dilute 1:1 with clean water.

APPLICATION

Apply Granobond in an even pattern over the substrate by brush, roller or spray.

Repair mortars should be applied to primed area while the primer is still tacky to achieve best results. Application of a repair mortar to dry or cured primer will reduce build in a vertical application, and could result in inadequate adhesion.

Product coverage is approximately 5m² per litre. Coverage will vary depending on the condition and texture of the concrete substrate.

CURING

Granobond can also be used as a low efficiency curing compound, which will allow the use of most after trades.

For high efficiency curing compounds, the Aitken Freeman Pavecure range offers several AS3799 compliant, water based materials for a wide variety of applications.

CLEAN UP

All equipment should be cleaned immediately after use with clean water.

SUPPLY

Granobond is available in 5 litre or 20 litre plastic containers.

STORAGE

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

PRECAUTIONS

Granobond 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.

Protect product from freezing by storing inside a site shed or warehouse.

In applications where repair will be subject to immersion, consider the use of Granogrip, a two part epoxy bonding agent. Build of repair may be reduced under these conditions.

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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