

Renderprime HB



Thixotropic Acrylic bonding agent for use with Repair mortars

USES

Renderprime HB is a thixotropic acrylic bonding agent, for use with Aitken Freeman concrete repair mortars. Specifically designed for Vertical repairs, Renderprime HB is ideal for use with the Tecpatch range of 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

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.

APPLICATION

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 Renderprime HB.

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 Renderprime HB. Repair areas should be saw cut at the edges to give a minimum depth of 10mm, to avoid feather edging of repairs.

TYPICAL PROPERTIES

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

INSTALLATION

Apply Renderprime HB 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

Renderprime HB 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.

STORAGE

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

MIXING

Renderprime is suitable for use straight from the container without prior mixing. Do not dilute with water or solvent.

ESTIMATING & SUPPLY

Renderprime HB is available in 1 litre, 5 litre or 20 litre plastic containers. Product coverage is approximately 5m² per litre. Coverage will vary depending on the condition and texture of the concrete substrate.

PRECAUTIONS

Renderprime HB 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 permanently immersed, consider the use of a two-part epoxy bonding agent, such as Resiloc 321 or Granogrip. 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.

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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