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Anchorloc P

High strength epoxy paste for anchoring and concrete repair

USES

Anchorloc P is a high strength epoxy paste, comprising selected resins, hardeners and aggregates, designed to produce a low slump material. Anchorloc P is ideal for use in anchoring fixings into concrete, epoxy grouting, concrete repairs, or as a general purpose adhesive.

BENEFITS

- High strength and durable finish
- Excellent adhesion
- Moisture tolerant; cures under damp conditions
- Ease of application
- Suitable for a wide range of applications

TYPICAL PROPERTIES

<i>Compressive strength @ 20°C</i>	85 MPa
<i>Tensile strength @ 20°C</i>	24 MPa
<i>Pot Life @ 20°C</i>	35 minutes
<i>Initial Cure @ 20°C</i>	24 hours
<i>Full Cure</i>	7 days
<i>Colour</i>	Grey, streak-free paste

PREPARATION

All contacted surfaces to be treated with Anchorloc P 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 Anchorloc P, or filled as part of the repair.

Where grouting, holes should be blown out with oil free compressed air to remove water or dust from the drilling of the hole. Where holes are full of water, this must be removed prior to placement of the fixing. Anchorloc P will still cure under damp conditions but free water will reduce the ultimate strength and bond.

MIXING

Anchorloc P is a 2 part epoxy system, suitable for mixing using a drill and suitable paddle. Add the Hardener component to the Base and mix for 3-5 minutes. When properly mixed, Anchorloc P will be a smooth, streak-free grey paste.

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.

APPLICATION

Anchorloc P can be applied by trowel, spatula or gun, depending on the application.

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

Where Anchorloc P is being used to anchor fixings, avoid waste by having bars or fixings ready for placement in a single operation.

CURING

Anchorloc P will be suitable for light loads after 24 hours, assuming ambient temperature of 20°C. Allow 7 days for full cure of product.

CLEAN UP

Freshly mixed Anchorloc P can be removed using Resiloc Thinners. Partially cured or hardened material can only be removed mechanically. Clean all equipment immediately after use with Resiloc Thinners.

SUPPLY

Anchorloc P is supplied in pre-weighed 1.5 litre or 6 litre kits, comprising Base and Hardener components.

STORAGE

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

PRECAUTIONS

Anchorloc P 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.

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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