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Anchorloc GG

Gun grade, high strength epoxy paste

USES

Anchorloc GG is a high strength epoxy paste, packaged in twin cartridges for application by gun. Anchorloc GG is ideal for use as a general purpose adhesive, high strength epoxy grout, or for anchoring fixings into concrete.

BENEFITS

- High strength
- Excellent adhesion
- Cures under damp conditions
- Ease of application
- Supplied as premeasured twin cartridge

DESCRIPTION

Anchorloc GG is supplied as a ready to use 600ml twin cartridge. Anchorloc GG is a blend of selected resins, hardeners and aggregates, designed to give a low slump epoxy paste which is easy to use through application by gun.

TYPICAL PROPERTIES

<i>Compressive strength</i>	75 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

SAFE WORKING LOADS

Hole Diameter (mm)	Bar Diameter (mm)	Depth (mm)	Tensile Load
12	8	100	8.4 kN
16	12	125	14.1 kN
20	16	150	21.1 kN
24	20	200	33.8 kN
32	28	250	56.3 kN

PREPARATION

All contacted surfaces must be free of oil, grease or any other contamination which may inhibit bond. Holes which have been drilled or cored must be brushed or blown free of any laitance or dust. Where holes are full of water, this must be removed prior to placement of the fixing. Anchorloc GG will still cure under damp conditions but free water will reduce the ultimate strength and bond.

MIXING

Anchorloc GG is a 2 part epoxy system, which is mixed as it is gunned from the twin cartridge through a static mixer. When starting each cartridge, gun a small quantity onto a scrap board to check that an even, streak free grey paste is being produced.

APPLICATION

Anchorloc GG can be installed directly from the cartridge using a specialty twin cartridge application gun. When filling into a hole, fill from the bottom up. When using as an adhesive ensure that the two components being adhered are held firmly together until product is cured.

Do not attempt to rework or retemper any partially set material. Avoid waste by having bars or fixings ready for placement in a single operation. If the static mixer provided with the cartridge becomes blocked with partially set material, it will need to be replaced.

CURING

Anchorloc GG 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 GG can be removed using Resiloc Thinners. Partially cured or hardened material can only be removed mechanically.

SUPPLY

Anchorloc GG is supplied in a 600ml twin cartridge, comprising base, hardener and a static mixer. Additional static mixers and specialised application guns are supplied separately.

STORAGE

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

PRECAUTIONS

Anchorloc GG 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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