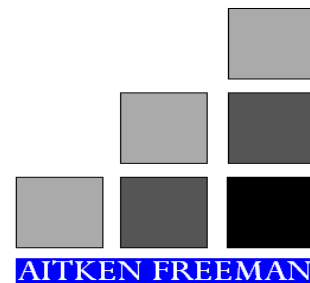


Granotop



Prepacked cementitious topping for flooring screeds

USES

Granotop is a pre-blended cementitious topping for flooring screeds. When used in conjunction with a polymer additive such as Renderprime S, Granotop gives a high strength topping with excellent adhesion and minimal shrinkage.

BENEFITS

- Excellent adhesion to most substrates when surface is prepared correctly and primed with Renderprime S
- High strength
- Easy application and mixing
- Can be screeded to create falls in drainage areas

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 which Granotop is to be applied should be clean and sound. Cracked or damaged concrete should be repaired, and any oil, grease or chemical contamination must be removed prior to application of Granotop.

PRIMING

Prime the concrete using Renderprime S mixed 50% with clean water, just prior to commencing the repairs. Apply the primer with a roller, broom or spray to give an even film over the surface. Porous concrete may require priming a second time to seal the surface.

DESCRIPTION

Granotop is supplied as a ready to use, factory prepared, dry powder. Granotop is a blend of Portland cement, graded aggregate and chemical additives which reduce water demand and produce an easily trowelled concrete screed finish.

TYPICAL PROPERTIES

Compressive Strength @25°C

24 Hours	10 MPa
7 Days	25 MPa
28 Days	32 MPa
Setting Times	
Initial Set	75 minutes
Final Set	130 minutes
Pedestrian Traffic	24 Hours

INSTALLATION

Screed the freshly mixed mortar over the primed floor to give the required levels or falls. Compact the mortar using a wooden float, and finish to the required standard using either a float or steel trowel.

Ensure a constant supply of freshly mixed Granotop to ensure continuity in the screed.

CURING

On completion of the trowelling operation, exposed areas should be thoroughly cured. This should be done using Pavecure A, a liquid curing membrane

CLEANING

Granotop should be removed from tools and equipment immediately after completion using water. Cured material can only be removed mechanically.

Mixing

Premix 0.8 litres of clean water and 0.8 litres of Renderprime S for use as gauge liquid. Add this (1.6 litres) to the mixing vessel and slowly introduce the Granotop powder while mixing. Repeat this process for every bag of Granotop to be mixed.

The addition of excess water will promote bleed and segregate the product, which can result in reduced strength and/or a chalky finish.

Mix thoroughly for 3 – 4 minutes using a forced action mixer suitable for mortars. Only mix as much product as can be used within the initial set time.

ESTIMATING & SUPPLY

Granotop is supplied in 20kg moisture resistant bags.

Coverage is approximately 1m² @ 10mm thickness.

PRECAUTIONS

Granotop contains cement powders which, when mixed or become damp, release alkalis which can be harmful to the skin. During use, avoid inhalation of dust and contact with skin and eyes. Wear suitable protective clothing, gloves, eye protection and respiratory protective equipment. The use of barrier creams provides additional skin protection. In case of contact with the skin, rinse with plenty of clean water, then cleanse with soap and water.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately - do not induce vomiting.

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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