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Resiloc TF

High strength epoxy floor screed

USES

Resiloc TF is a high strength epoxy floor screed, based on specially selected epoxy resins, hardeners and aggregates. Resiloc TF is ideal for use in industrial environments where high resistance to mechanical damage or chemicals is required.

BENEFITS

- High strength coating – damage resistant
- Excellent adhesion to clean, primed substrates
- Low maintenance – easy to clean
- Ease of application
- Prepacked kit for easy onsite blending
- Slip resistant finish

TYPICAL PROPERTIES

<i>Compressive Strength</i>	85 MPa
<i>Pot Life @ 20°C</i>	45 minutes
<i>Trafficable – foot traffic</i>	24 hours
<i>Trafficable – light vehicles</i>	48 hours
<i>Full Cure</i>	7 days

APPLICATION

Preparation

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

Priming

Prime the surface to be repaired using Resiloc Binder or Granogrip. Allow the primer to become tacky before applying Resiloc TF by trowel or screed box.

Mixing

Resiloc TF is a two part epoxy system, ensure the product mix ratio is correct, then add the hardener to the base and mix thoroughly for 2 – 3 minutes. The use of an electric drill and paddle is recommended.

Once epoxy is blended, slowly add the aggregate to the mixing vessel and continue to mix until a consistent mortar is achieved.

Only mix as much product as can be used within the product life and be aware the liquid epoxy can exotherm if not used immediately, resulting in a very rapid cure or premature set.

CURING

Resiloc TF will cure to a tack free finish within 24 hours. Screeds and concrete repairs will be trafficable after 24 hours. Allow 7 days for full cure of this product.

CLEAN UP

All equipment should be cleaned immediately after use using Resiloc Thinners. Cured material can only be removed with difficulty.

SUPPLY

Resiloc TF is supplied in pre-weighed 25kg kits which comprise base and hardener components, and selected aggregate.

STORAGE

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

PRECAUTIONS

Resiloc TF 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.

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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