



TufBuild PRC

Single Component, Polymer Modified, Plaster Rush Coat

Uses

- Used as a dry pre-mixed mineral based bonding coat to apply on smooth concrete walls and ceilings.
- Used to provide a mechanical key for subsequent layers of cement and gypsum based plasters.

Typical Applications & Advantages

- As an intermediate coat between the smooth concrete surface and plaster.
- As a mechanical key for subsequent layers in addition, to avoid hacking.
- Single component, simple to mix & use.
- Excellent adhesion to smooth concrete substrates.
- Pre-bagged and factory blended to avoid site batching errors.
- Contains no chloride-based additives.

Product Description

TufBuild PRC is a single component, polymer modified cement based plaster rush coat. It provides mechanical key for subsequent applications of the cementitious products like plasters. Its prime usage is to roughen the smooth concrete surfaces and ceilings prior to the application over coat system.

Typical Properties

Appearance	: Grey granular powder
Compressive Strength	: 15N/mm ²
@ 28 days	
Flexural strength	: 2.5 N/mm ²
@28 days	
Wet density	: 1900 kg/m ³
Pot Life	: 45 mins @ 30°C
Curing	: Min 48 hours by potable water
Recommended thickness:	2mm

Technical Support

GIC provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

Instructions for Use

Surface Preparation: The concrete surface must be free from dust, loosely adhered material, and plaster and cement droppings, grease oil and paints etc. The surface should be dampened down with water prior to the application of **TufBuild PRC**.

Mixing: Only mix as much **TufBuild PRC** as required for immediate use. A forced action mixer should be used to ensure thorough mixing. Always add powder to water. Care should be taken to mix the material thoroughly. Use 4.75 litres of water per 25 kg bag. Water should be added to the mixer first, the powder should be added whilst the mixer is turning. Do not add additional water once mixing is completed.

Application: The thoroughly mixed **TufBuild PRC** should be sprayed on to the substrate using a power pattern spray gun.

Curing: Protection during hydration is required and water curing is recommended at least for 48 hours.

Coverage

Coverage rates vary according to the surface irregularities of the concrete, a coverage rate of 8 m²/bag will be obtained for a thickness of 2 mm.

Packaging & Storage

TufBuild PRC is supplied in 25 kg bags and it has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.





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Health & Safety Precautions

TufBuild PRC does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

For further information, refer to the Material Safety Data Sheet available for this product.

Important note

GIC endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied, as GIC has no control over the conditions of use and the competence of any labor involved in the application are beyond our control.

As all GIC technical data sheets are updated on a regular basis it is the customer's responsibility to check that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended.

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