

## **Superbuild™ Render - Technical Data Sheet**

### **Product description**

Supercoat™ Superbuild™ Render is a graded sand, White cement, high grade lime supplement, reinforcing fibre and additive, dry mixed product for use over most masonry substrates including Autoclaved Aerated Concrete. Supercoat™ Superbuild™ Render is designed as a high build, high strength reinforcement product over AAC substrates.

**Minimum applied thickness – 3mm/per coat**

**Maximum applied thickness – 6mm/per coat**

### **Supercoat™ Renderbond**

An acrylic liquid binder for adding strength, flexibility, workability, cohesion and improved setting characteristics to the Supercoat™ Superbuild™ Render due to atmospheric conditions.

### **Mixing Information**

Dependant on use and only as a guide, Supercoat™ Superbuild™ Render requires approximately 22-24% water added (or as required) to achieve the required workable consistency. Supercoat™ Superbuild™ Render is to be mixed by machine or by a suitable drill and paddle method.

1 x 25kg bag = 5.5 litres of water

### **Supercoat™ Renderbond**

Added up to a maximum of 150mL/25kg bag.

### **Note:**

Water added must be clean potable water.

Water temperature may alter the workable time for this product.

### **Application Method**

#### **Substrate Preparation**

Substrate should be clean, free from any contaminants which may hinder adhesion of the product to the substrate surface. Any deviations must be patched ensuring a true surface prior to the Supercoat™ Superbuild™ Render application. The substrate may be damp upon application but no standing water is to be evident on the substrate surface.

#### **Material Preparation**

Add a 25kg bag of Supercoat™ Superbuild™ Render to approximately 5.5 litres (22-24%) of clean water.

Supercoat™ Superbuild™ Render should be mixed until it is free from lumps.

Allow to stand for 5 minutes and mix briefly again.

The Supercoat™ Superbuild™ Render is now ready for use.

Pot life is 1-3 hours dependant on climatic conditions.

#### **Application Method**

Apply the material over the substrate at 3-6mm thickness per coat;

Apply glass fibre mesh into the fresh first coat of Supercoat™ Superbuild™ Render's surface.



Trowel in the mesh with the second coat until completely covered with Supercoat™ Superbuild™ Render, Superbase Render or Superskim Render.

A butterfly or large trowel may be used to smooth the surface to a satisfactory level ready for the final coat of Supercoat™ Superadobe, Supercoat™ Supersponge or Supercoat™ Acrylic Texture coat.

### **Application Conditions**

Supercoat™ Superbuild™ Render is to be applied within the temperature range 5-25°C. Plan application so fresh applied walls are in the shade to ensure loss of hydration of applied Supercoat™ Superbuild™ Render. Allow a minimum of 48 hours (climate dependant) of curing prior to over coating with subsequent Supercoat™ Acrylic Coatings.

### **Quality Control**

Supercoat™ Superbuild™ Render is manufactured to specification in New Zealand by Ironbark Technology Ltd utilising automated weighing and batching equipment in conjunction with a strict quality control regime, the manufacture of this product is guaranteed for the term offered.

### **Storage**

The Supercoat™ Superbuild™ Render must be kept dry and sealed, stored off the floor in a manner where moisture cannot come into contact with the bag or its contents. This Product has a shelf life of **6 months** after date of manufacture if stored as detailed.

### **Technical Data**

Fresh Superbuild™ Render Volume – 19.0L of material per 25kg bag when mixed with water.

Fresh Superbuild™ Render Weight – 1.40kg/L when mixed with water.

Dried Superbuild™ Render Weight – 9.1kg/m<sup>2</sup> at 6mm applied thickness.

Applied to Wall – 3.15m<sup>2</sup>/25kg bag @ 6mm thickness (approximate values).

Applied to Wall – 6.30m<sup>2</sup>/25kg bag @ 3mm thickness (approximate values).

\*Figures stated on TDS are given as a guide only.

\*Figures are based on a flat substrate with no deviations in substrate or material thickness.

### **Manufacturer**

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The information contained herein is correct to the best of our knowledge. Due to product improvement and supply, these specifications may be subject to minor changes.