

Superbase Render - Technical Data Sheet

Product description

Supercoat™ Superbase Render is a graded sand, Portland cement, high grade lime supplement and additive, dry mixed product for use over all Supercoat™ cementitious base coat renders and most masonry substrates including Autoclaved Aerated Concrete.

Minimum applied thickness – 2mm/per coat

Maximum applied thickness – 4mm/per coat

Supercoat™ Renderbond

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

Mixing Information

Dependant on use and only as a guide, Supercoat™ Superbase Render requires approximately 22-24% water added to achieve the required workable consistency. Supercoat™ Superbase 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™ Superbase Render application. The substrate may be damp upon application but no standing water is to be evident on the substrate surface. **All AAC substrates need to be sealed using Supercoat™ Surface Sealer prior to the application of the Supercoat™ Superbase Render to eliminate any suction issues.**

Material Preparation

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

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

Allow to stand for 5 minutes and mix briefly again.

The Supercoat™ Superbase Render is now ready for use.

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

Application Method

Apply the Supercoat™ Superbase Render over the substrate at 2-4mm thickness per coat. Apply Supercoat™ Grid Mesh into the fresh first coat of Supercoat™ Superbase Render's surface. Trowel in the

Supercoat™

mesh with the second coat until completely covered with Supercoat™ Superbase Render or Supercoat™ 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.

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™ Superbase 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 material 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 above.

Technical Data

Fresh Superbase Render Volume – 17.0L of material per 25kg bag when mixed with water.

Fresh Superbase Render Weight – 1.70kg/L when mixed with water.

Applied to Wall – 4.25m²/25kg bag @ 4mm 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.