

Supersmooth Lime Finish - Technical Data Sheet

Product Description

Supercoat™ Supersmooth Lime Finish is a natural lime, fine finishing plaster for Interior and Exterior use, containing fine sand, high grade hydrated lime products, hydraulic bonding agents and additives.

Supercoat™ Supersmooth Lime Finish is painted using a Supercoat™ breathable Paint System.

This material corresponds to the group of mortars P IC in accordance with DIN 18550.

Mixing Information

Sprinkle Supercoat™ Supersmooth Lime Finish into the required amount of water and allow to soak for up to 30 minutes prior to use. Drill well ensuring no un-mixed material or lumps are present. It is very important that all tools, mixing equipment and buckets are totally clean and that during mixing or application no sand particles are introduced into the Supercoat™ Supersmooth Lime Finish mixture which may affect the performance of the material.

Application Method

Supercoat™ Supersmooth Lime Finish can be applied in multiple coats over Supercoat™ Supersmooth Lime Base, Superbuild, Superbase or Superskim Renders. To avoid overbuilding, coats should be applied at less than 1mm per coat.

Apply Supercoat™ Supersmooth Lime Finish over the Supercoat™ Supersmooth Lime Base, Superbuild™, Superbase or Superskim Renders at a total system thickness of 2 - 3mm using a steel trowel. Supercoat™ Supersmooth Lime Finish may be applied and finished as a smooth finish or alternatively applied in a 'skip' trowel or brushed method resulting in a hand applied and/or rustic texture.

Do NOT over trowel.

After the initial coat of Supercoat™ Supersmooth Lime Finish has begun to harden, do not re-trowel as this may result in dragging or tearing of the partially set material. If over-coating is required, a minimum of 30 minutes (or sufficient time has allowed the material to set) must be allowed before re-applying additional coats.

Wetting of the Supercoat™ Supersmooth Lime Finish prior to application of the material is allowable, providing the wetting of the wall is done well in advance of the finish material application and there is no standing water on the surface prior to application.

IMPORTANT: Do not re-use mixed material for following coat. Re-Mix fresh material. Over-trowelling of the Supercoat™ Supersmooth Lime Finish may result in bubbles appearing under the surface. If bubbles appear refrain from additional trowelling of the material, under normal circumstances the bubbles will disappear as the material cures.

A number of finishing effects can be achieved with this material using hand applied techniques.

Over Coating

Approximate Supercoat™ Supersmooth Lime Finish curing periods prior to any breathable coatings application;

2 - 3mm thickness: 7 days*

*Dependant on weather conditions.

Meshing

Supercoat™ Supersmooth Lime Finish when used as a finishing coat over Supercoat™ Supersmooth Lime Base, Superbuild™, Superbase or Superskim Renders would be fully meshed as normal in the front face of the base coat being either Superbuild™, Superbase or Multitex.

Quality Control

Supercoat™ Supersmooth Lime Finish 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.

Technical Data

Mortar Group: P IC in accordance with DIN 18550

Pressure Strength: $\geq 1.0 \text{ N.mm}^2$

Water Demand: 41-49% or as required to achieve a workable mix

Fresh Supersmooth Volume – 16.4L of material per 20kg bag when mixed with water.

Fresh Supersmooth Weight – 1.64kg/L when mixed with water.

Applied to Wall – 8m²/20kg bag @ 2mm 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.

Additional Information

Supercoat™ Supersmooth Lime Finish when applied in accordance with specifications provides outstanding characteristics to the health of the occupant in the home. Supercoat™ Supersmooth Lime Finish provides a steady humidity in a space by allowing fine water vapour from humid air to enter the plaster where it is stored and released when the humidity drops. This delivers a more constant humidity to the occupants resulting in cleaner, more comfortable conditions for all to live in.

It is the applicators responsibility to apply the materials in accordance with the stated and published literature.

It is also the applicators responsibility to ensure that the latest applicable information has been obtained in regard to all Supercoat™ Products and Materials.

Contact Ironbark Technology prior to the application of any Supercoat™ products and materials for up-to-date and knowledgeable Technical Assistance.



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.

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.