



Sovereign RenderLite Finishing Plaster

BREATHABLE & DURABLE, HIGH IMPACT FINAL COAT FINISHING PLASTER

TECHNICAL SHEET NO: TDS02274 22/05/2025

SMART ADVANTAGES

- Provides a smooth, tough, hard-wearing finish
- Allows walls to breathe
- Suitable for damp buildings

DESCRIPTION

Sovereign RenderLite Finishing Plaster is a vapour permeable skim coat and is the recommended product for finishing over Sovereign RenderLite Renovating Plaster on walls following chemical injection or Sovereign Hey'di K11 Tanking. It can also be used on traditional sand/cement or lime plasters, providing a hard wearing, durable finish which is ideal for use in high traffic areas or public buildings. Its vapour permeable nature and lime content make it ideal for renovation of historic buildings.

Sovereign RenderLite Finishing Plaster is suitable for renovation in damp environments or flooded properties. Being breathable, it can be applied to damp walls allowing them to dry naturally, while releasing moisture from the substrate. This breathability ensures less moisture is retained and helps avoid mould growth and efflorescence.

It can be applied instead of traditional lime-based plasters as it is flexible and breathable - however, it is much faster drying. Fibres in the plaster help control shrinkage & cracking and improve the strength and impact resistance of the plaster.

Sovereign RenderLite Finishing Plaster has excellent adhesion, impact resistance and resists the passage of salts. Once mixed, it can be retempered and used for up to 60 minutes therefore, minimising waste.



TECHNICAL CHARACTERISTICS

Colour	Off white
Form	Powder
Specific gravity	Dry powder approx. 1.0 to 1.2 Set material approx. 1.7
Composition	Lime, gypsum and fine aggregate
Application temperature	+5°C to +25°C
Pot life	60 minutes approx.
Setting time	Approx. 90 minutes (depending on plaster thickness, ambient temperature and humidity)
Drying time	Approx. 24 hours per coat (depending on plaster thickness, ambient temperature and humidity)
Mix ratios	7.5 litres of water per 25kg bag
Thermal conductivity (k) at 0% moisture by volume	0.34W/m°C
Thermal conductivity (k) at 3% moisture by volume	0.47W/m°C
Modulus of elasticity	2100N/mm ²
Compressive strength	Typically, 15N/mm ² after 28 days
Flexural strength	Typically, 3.5N/mm ² after 28 days
BBA certificate	91/2727 05/4251

COVERAGE

- 10m² per 25kg bag at 2mm thickness
(depending on substrate texture & application technique)

APPLICATION

IMPORTANT: Before using Sovereign RenderLite Finishing Plaster, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

- Apply on to a suitable prepared background plaster such as Sovereign RenderLite Renovating Plaster, Sovereign Ready Render, or ordinary sand/cement plaster. It is not suitable for use on plasterboard.
- Ensure the substrate is clean, sound, level and free from cracks, structural defects, laitance, grease, oil, dirt dust and other surface contamination. Ensure the substrate is strong enough to support the weight of the plaster.

MIXING

- Add 7.5 litres of clean, cold water into a clean mixing bucket.
- Gradually add the 25kg bag of Sovereign RenderLite Finishing Plaster to the water, whilst continually mixing with an electric drill and mixing paddle until a smooth, lump-free mixture is obtained. This will normally be achieved after 2 to 3 minutes. Do not under mix.
- Note: the addition of too much water may result in reduced strength and shrinkage cracks.
- Make sure the mixing bucket is free from any unmixed material on the sides and the base.
- After mixing, allow the mix to stand for 3 to 5 minutes. Remix, adding a small quantity of water if necessary.
- During use Sovereign RenderLite Finishing Plaster may give the appearance of going off. However, this is not the case, and the mix can be reworked with the trowel. Sovereign RenderLite Finishing Plaster will continue to thicken and can be reworked for up to 60 minutes. This should allow plenty of time for the material to be used without waste.
- Thoroughly clean the mixing bucket between mixes.

APPLICATION

- Apply in temperatures between +5°C to +25°C.
- Existing plaster should be primed with Bostik Plasterer's Grit, or an SBR bonding coat, and Sovereign RenderLite Finishing Plaster applied once tacky. A bonding coat consists of Sovereign SBR Bonding Agent diluted 1 : 1 with water and mixed with neat, fresh cement to form a slurry. Brush the slurry vigorously onto the wall to 1mm depth and apply Sovereign RenderLite Finishing Plaster whilst the bonding coat is still tacky. If the bonding coat dries apply a further coat.
- Apply at a thickness of 2mm in a single coat, to a smooth surface.
- Leave until the surface has begun to harden, after approx. 90 minutes, before finishing with the edge of a stainless-steel trowel. Do not force dry as shrinkage and cracking can occur.
- Do not overwork or polish the plaster to give a glazed surface - Sovereign RenderLite Finishing Plaster has a matt finish. Polished plaster causes problems when painting or tiling.

- Due to its nature, the application of Sovereign RenderLite Finishing Plaster feels different from normal gypsum plaster, this must be considered during use.

DECORATION

- Once set, after approx. 24 hours, the plaster will be very hard and creamy white in colour. It can be left unpainted for a natural look or decorated.
- When the Sovereign RenderLite system is used after the insertion of a DPC, then it should be left as long as possible to dry before applying a paint coating.
- Paints must be breathable, such as water-based or mineral-based paints. Wallpapering or tiling is not recommended due to them being non-porous.
- However, if wallpapering it must be delayed for 6 months. If tiles are to be applied, then these should be fixed directly to the backing coat using one of the Bostik powdered tile adhesives.

CLEANING

- Clean tools and equipment with warm, soapy water immediately after use.

STORAGE

- Store and transport securely. Store for up to 6 months from date of manufacture in original, unopened packaging, clear of the ground, in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost and excessive draughts.

PRECAUTIONS IN USE

For internal use only. Sovereign RenderLite Finishing Plaster is compatible with most plaster and render backgrounds, such as sand/cement, lime and gypsum. However, gypsum plaster is not suitable for damp environments and if Sovereign RenderLite Finishing Plaster is applied to gypsum plaster, it would be decorative only. Do not use on plasterboard. An excess of water on green backgrounds can cause blistering and/or tearing.

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Sovereign RenderLite Finishing Plaster, available at www.bostik.com/uk.

PACKAGING

Product codes	30806773	25kg bag
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