



Sovereign RenderMix

WATERPROOFING ADDITIVE FOR INCORPORATION INTO THE BACKING RENDER COAT AFTER INSERTING A DPC

TECHNICAL SHEET NO: TDS02260 25/10/2024

SMART ADVANTAGES

- Used in conjunction with Sovereign DPC injection systems
- Stops the passage of hygroscopic salts
- Improves render workability

DESCRIPTION

Sovereign RenderMix is a waterproofing additive for incorporation into the backing render coat after the insertion of a DPC. When used in sand cement renders it also improves the workability, removing the requirement for further admixtures.

Its use, described in the Sovereign re-rendering specification, ensures the hygroscopic salts are prevented from moving to the surface plaster and exhibiting secondary dampness. Sovereign RenderMix is not a vapour barrier and so will allow the walls to dry out and breathe naturally. It complies with BS EN 934-3.



TECHNICAL CHARACTERISTICS

Colour	Blue
Form	Concentrated liquid
Specific gravity	1.0 approx.
Composition	Blend of silicate and fatty acid
Application temperature	+5°C to +25°C

COVERAGE

- 175ml of Sovereign RenderMix per 25kg cement (see mix ratio section)

APPLICATION

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

PREPARATION

- **IMPORTANT:** Do not use in concrete which is structural i.e., load bearing, reinforced, pre-stressed or steam cured. Work should not be carried out in temperatures below +5°C, or when temperatures are expected to fall below this within 24 hours after application. Ensure materials and procedures comply with the appropriate standards. Do not exceed ratios stated, overmix, use with other admixtures, add to lime-based mixes, or use with high alumina, sulphate resisting or extra rapid hardening cement. Not suitable for floor screeds. When rendering, protect render from drying too quickly. Ensure the substrate is strong enough to support the weight of any render being applied.
- Ensure sand for mortar complies with the appropriate standards and that work is carried out in accordance with BS EN 1996 parts 1 & 2 and PD 6697 : 2019. Always use fresh cement. Ensure that all components of the mix are above +5°C. Always use fresh cement and ensure that all sand is washed and guaranteed free from salts.
- Cement must be of type CEM I OPC, standard, sulphate resistant and rapid setting versions are suitable. Cements of type CEM II to CEM V and masonry cement must not be used.
- Remove timber skirting, dado rails and radiators.
- Hack off old plaster back to the brickwork, to a height of 300mm above the last signs of damp, or 1 metre above the level of the DPC, whichever is the higher. Rake out mortar joints and suitably prepare the substrate to provide a key.
- If dry rot is present, carry out appropriate remedial works and then treat the area with Sovereign Fungicidal Wall Solution Extra (see separate technical data sheet).
- Re-rendering should not be carried for at least 3 to 5 days in warm weather. In cold or damp conditions, rendering should be left for 10 to 14 days to allow sufficient time for the masonry to begin to dry.

MIX RATIO

- 175ml of Sovereign RenderMix per 25kg of cement.

APPLICATION

- Shake well before use.
- Dilute 175ml of Sovereign RenderMix per 25kg cement in gauging water. Stir well to ensure good dispersal and add to the dry mix. Reduce quantity of gauging water accordingly.
- If using less than 25kg cement, reduce the quantity of Sovereign RenderMix proportionally.

1st render coat

- The first coat must be 8mm to 12mm maximum thickness. Add Sovereign RenderMix to the gauging water at the ratio of 1 part Sovereign RenderMix to 40 parts water.
- The first render coat must be of the following design: 3 parts washed sharp sand & 1 part Ordinary Portland Cement
- Use the minimum amount of water to provide workability to ensure that a dense coat is achieved.
- As the render coat begins its initial set, scratch for a mechanical key. Leave a 25mm channel between rendering

and floor, but do not bridge the level of the DPC unless the wall has been tanked.

2nd coat

- The second coat must be 6mm to 10mm thick, or not less than 16mm overall thickness in coats 1 and 2.
- The second render coat must be of the following design: 4 parts washed sharp sand & 1 part Ordinary Portland Cement
- Apply on to the first coat and again scratch up as the render begins to set.

Finishing

- The finishing coat is to be 1mm to 3mm thick, porous and not over-trowelled.
- For best results, use Sovereign RenderLite Finishing Plaster. If an alternative rendering system is desired, please contact Technical Services.
- Angle beads must not be fixed with gypsum-based material.

Skirting

- Re-fix skirting with Evo-Stik Evo-Grip Solvent-Free Adhesive. Skirting should always be pre-treated with one of Sovereign's Fungicide/Insecticide Preservatives. Always allow the preservative to dry prior to fixing and retreat any cut ends.

Re-decoration

- Matt emulsion paints can be applied after 3 to 4 weeks. However, wallpapering must not be carried out for at least 6 months.

CLEANING

- Clean tools and equipment with water immediately after use.

STORAGE

- Store and transport securely in an upright position. Ensure the cap is fully closed. Store for up to 12 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost.

PRECAUTIONS IN USE

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 RenderMix, available at www.bostik.com/uk.

PACKAGING

Product codes	30806752	5L polyjerry x 4

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