

Renderguard Gold

Salt Retardant and Waterproofer for use in Re-Plastering Applications

Description

Renderguard Gold is a high specification plaster additive that forms an integral part of the Safeguard Damp-Proofing System (British Agrément Certificate No. 97/3363). Renderguard Gold has the following features:

- Reduces Water Demand
- Improves Workability
- Instills Salt Retardant and Waterproofing

Properties

- Chloride Free
- Remains Vapour Permeable
- Economical – 25 litres of concentrate makes 625 litres ready for use.

Following DPC injection, correct re-plastering is of the utmost importance. Even though the damp-proof course is effective, hygroscopic salts introduced by rising damp may cause moisture to be attracted to the wall. This causes further dampness and decorative spoiling, giving the impression that the damp-proof course has not been successful.

It is for this reason that the re-plastering following DPC injection must perform two functions:

- 1) It must prevent the passage of residual moisture reaching the decorative surface during the drying process, as well as control the limitations of the injection system itself.
- 2) It must prevent the passage of hygroscopic salts from the underlying masonry to the new decorative surface in order to prevent further spoiling.

Renderguard Gold will fulfill these requirements provided that the specification is strictly adhered to.

Preparatory Work:

- 1) Timber skirtings, architraves etc., should be removed as outlined in the survey report/specification.



- 2) Remove plaster back to masonry to the height specified in the survey report/specification. This height should be no less than 1 metre, or 500mm above the maximum level of visual rising dampness and/or salt contaminated plaster.
- 3) Rake out all mortar joints to a depth of 15mm. This is important in order to help resist the natural shrinkage of new cement renders.
- 4) Remove any timber fixing grounds that are present in the masonry.

Mixing

Mix 1 part Renderguard Gold with 24 parts water. All water should be fresh, clean and free from oil or other organic contaminants.

First Coat

Prepare 3 parts sand and 1 part cement using the dilute Renderguard Gold solution prepared above. The sand should be specified as washed, sharp sand, loam free which satisfies British Standard BS882:1992 "M" Grading.

Use the minimum Renderguard Gold gauging solution to ensure a dense coat. As a guide, no more than 8 litres should be used for every 50 Kg of dry mix.

Compact resulting mix well into raked out joints, and render to give an overall thickness of 12mm. Do not over-trowel. When cement achieves first set, scratch to form a key.

Second Coat

The mix is as for the first coat except that water is used instead of Renderguard Gold solution. This is applied as a further 12mm coat, giving a total thickness of 24mm for both coats. This coat should be applied before the first coat has finally set in order to obtain a satisfactory adhesion between the two coats. Scratch the surface to form a key. Do not over-trowel.

Finishing Coat

This should consist of a 3mm layer of gypsum skim finish or similar finish. Other finishes are acceptable provided that they are porous. Do not polish.

Decoration

No decoration should take place for at least 6 weeks after treatment (or until the wall has dried out). After this time we recommend that only low solids emulsion paints are used (PVA). We do not recommend the use of wall paper or high build paints such as enamels.

Storage

Store above 5°C. Store out of direct sunlight.

Coverage (approximate)

1 litre of concentrate is sufficient for 7m² of render at 12mm thickness.

Health and Safety

Read material safety data sheet, available on request.

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