

Safeguard Europe Ltd

6 Redkilyn Close
Horsham
West Sussex RH13 5QL
Tel: 01403 210204 Fax: 01403 217529
e-mail: info@safeguardeurope.com
website: www.safeguardeurope.com



Agrément Certificate
97/3363
Product Sheet 4

SAFEGUARD DAMP-PROOF SYSTEMS

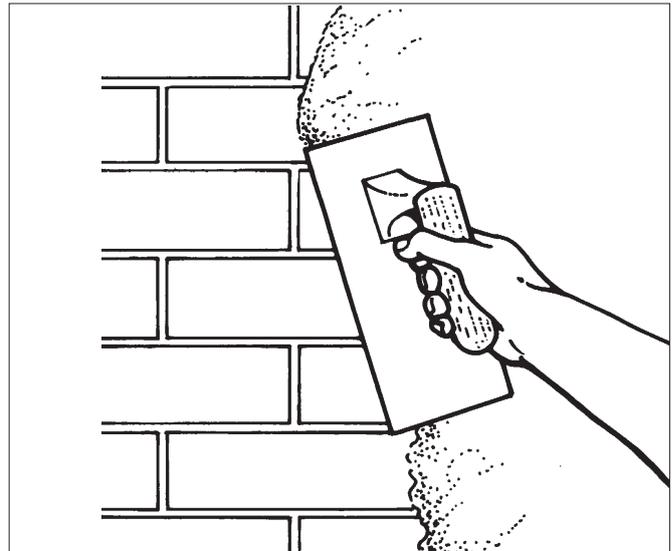
SAFEGUARD EUROPE'S REPLASTERING SPECIFICATION

This Agrément Certificate Product Sheet⁽¹⁾ relates to Safeguard Europe's Replastering Specification, based on Renderguard Gold, for use on existing internal walls following the insertion of a chemical damp-proof course (dpc) system.

(1) Hereinafter referred to as 'Certificate'.

CERTIFICATION INCLUDES:

- factors relating to compliance with Building Regulations where applicable
- factors relating to additional non-regulatory information where applicable
- independently verified technical specification
- assessment criteria and technical investigations
- design considerations
- installation guidance
- regular surveillance of production
- formal three-yearly review.



KEY FACTORS ASSESSED

Resistance to salt transfer — the product will provide an effective barrier against salt transfer (see section 6).

Durability — the durability of the product is equivalent to traditional plastering (see section 8).



The BBA has awarded this Certificate to the company named above for the product described herein. This product has been assessed by the BBA as being fit for its intended use provided it is installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Date of Third issue: 30 August 2018

John Albon — Head of Approvals

Claire Curtis-Thomas

Originally certificated on 17 June 2010

Construction Products

Chief Executive

The BBA is a UKAS accredited certification body – Number 113.

The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at www.bbacerts.co.uk

Readers are advised to check the validity and latest issue number of this Agrément Certificate by either referring to the BBA website or contacting the BBA direct.

Any photographs are for illustrative purposes only, do not constitute advice and should not be relied upon.

British Board of Agrément

Bucknalls Lane
Watford
Herts WD25 9BA

©2018

tel: 01923 665300
clientservices@bbacerts.co.uk
www.bbacerts.co.uk

Regulations

In the opinion of the BBA, the use of Safeguard Europe's Replastering Specification in an existing building is not subject to the national Building Regulations.

Construction (Design and Management) Regulations 2015

Construction (Design and Management) Regulations (Northern Ireland) 2016

Information in this Certificate may assist the client, designer (including Principal Designer) and contractor (including Principal Contractor) to address their obligations under these Regulations.

See section: 3 *Delivery and site handling* (3.1 and 3.2) of this Certificate.

Additional Information

NHBC Standards 2018

In the opinion of the BBA, Safeguard Europe's Replastering Specification, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements in relation to *NHBC Standards, Chapter 8.2 Wall and ceiling finishes*.

Technical Specification

1 Description

Safeguard Europe's Replastering Specification consists of a sand/cement mix modified by the addition of Renderguard Gold, a combined waterproofing, salt retardant and plasticiser additive. The product is for use after the removal of the existing contaminated plaster and the insertion of a remedial dpc.

2 Manufacture

2.1 Renderguard Gold is manufactured in a batch-blending process.

2.2 As part of the assessment and ongoing surveillance of product quality, the BBA has:

- agreed with the manufacturer the quality control procedures and product testing to be undertaken
- assessed and agreed the quality control operated over batches of incoming materials
- monitored the production process and verified that it is in accordance with the documented process
- evaluated the process for management of nonconformities
- checked that equipment has been properly tested and calibrated
- undertaken to carry out the above measures on a regular basis through a surveillance process, to verify that the specifications and quality control operated by the manufacturer are being maintained.

2.3 The management system of Safeguard Europe Ltd has been assessed and registered as meeting the requirements of BS EN ISO 9001 : 2015 by BSI (Certificate FM01937).

3 Delivery and site handling

3.1 The packaging, shelf-life and storage requirements are given in Table 1.

Table 1 Packaging arrangements, shelf-life and storage requirements

Product	Packaging details	Shelf-life and storage requirements
Renderguard Gold	1, 4 and 25 litre containers	12 months when stored in a dry place. Protect from frost, high temperature and direct sunlight

3.2 The product should not be swallowed or splashed into the eyes. If splashing occurs, eyes should be washed with copious quantities of clean water and medical attention sought.

3.3 The product's packaging bears the BBA logo incorporating the number of this Certificate.

Assessment and Technical Investigations

The following is a summary of the assessment and technical investigations carried out on Safeguard Europe's Replastering Specification.

Design Considerations

4 Use

4.1 Safeguard Europe's Replastering Specification is satisfactory for application to walls of all types of masonry where there has been rising damp and where remedial dpc treatment has been conducted.

4.2 Renderguard Gold additive mix is applied at a thickness of 12 mm using the normal procedures defined in BS EN 13914-2 : 2016, and finished using 3 mm Carlite finish, multifinish or similar.

4.3 The plaster has good resistance to mechanical damage.

4.4 Normal methods for fixing and chasing can be used, but the surface should be restored using Renderguard Gold additive sand/cement mix.

4.5 To avoid split responsibility, replastering should be conducted by the dpc system installer, or its approved agent.

5 Practicability of installation

The product should be installed by contractors experienced with this type of product.

6 Resistance to salt transfer

Where rising damp has created a high salt content in walls, an effective chemical dpc remedial treatment has been conducted and no other source of water ingress exists, the product will provide an effective barrier against salt transfer.

7 Maintenance

As the product has suitable durability (see section 8), maintenance is not required.

8 Durability

The durability of the product is equivalent to traditional plastering to BS 8481 : 2006 and BS EN 13914-2 : 2016.

Installation

9 General

9.1 The product is applied to a wall after a remedial chemical damp-proofing treatment has been conducted in accordance with BS 6576 : 2005.

9.2 The standard of installation of Safeguard Europe's Replastering Specification must comply with BS 8000-0 : 2014, BS 8481 : 2006 and BS EN 13914-2 : 2016.

9.3 Where existing plaster has been removed at the same time as the installation of the remedial dpc, the treated walls should be left for as long as possible [traditionally at least 14 days, except where Dryzone Express Replastering System (Product Sheet 8 of this Certificate) is used, in which case replastering can commence immediately] to allow initial drying out before replastering.

10 Procedure

Preparatory work

10.1 Details such as timber skirting should be removed.

10.2 Mortar joints are raked out to a depth of 15 mm.

10.3 Timber fixing grounds present in the masonry are removed.

10.4 If the background is impermeable and offers little suction, a bonding aid may be applied to the surface and the wall replastered. For suitable products, advice can be sought from the Certificate holder.

10.5 Where masonry is unstable this must be made good prior to the application of the render. Where it is not possible to obtain a proper bond between the wall fabric and rendering, eg with cob walling, expanded metal lath must be fixed to the wall surface before application.

Mixing

10.6 The water must be clean and free from oil, dirt or other injurious chemicals (water suitable for drinking should be used, if available).

First coat

10.7 A mix of three parts sand to one part cement using gauging water containing Renderguard Gold is prepared⁽¹⁾. The sand should be specified as washed, sharp sand, loam-free, suitably graded for plastering to BS EN 13139 : 2002. The cement should be fresh and free-flowing.

(1) Mix one part Renderguard Gold with 24 parts water.

10.8 A minimum of water is used to ensure a dense coat; not more than 8 litres should be used per 50 kg of dry mix.

10.9 The mix is compacted into joints and rendered to give an overall thickness of 12 mm, without over-trowelling. When the cement obtains its first set, the surface is scratched to form a key.

Second coat

10.10 The mix, as for the first coat but with additive-free water, is applied to a thickness of 12 mm without over-trowelling, giving an overall thickness of 25 mm. This coat must be applied before the first coat has finally set, to obtain a satisfactory adhesion between the coats. The surface must be scratched to form a key for the finishing plaster.

Finish coat

10.11 The finish coat should be Carlite finish, multi-finish or similar, applied to a thickness of 3 mm. Other finishes are acceptable provided they are porous. The surface must not be polished.

Miscellaneous

10.12 To prevent any damp within a solid floor being transferred into the soft setting coat, renders and plasterwork extending behind the skirting should not make contact with the floor.

10.13 Gypsum plaster or lightweight premix plasters must not be used to bond metal angle beads to corners.

10.14 It should be noted that the walls will take a considerable time to dry out and it is possible that sufficient moisture could ingress into any new joinery to cause fungal decay. Therefore, where conventional timber skirting is to be fixed, this should be cut to size and fully worked, with a minimum of three brush coats of wood preservative applied.

10.15 Skirting that has been removed but is still sound should have a minimum of two or three coats of a HSE approved fungicide applied to the unpainted surfaces. For suitable products, advice can be sought from the Certificate holder. It is also recommended that the back and bottom of skirting are given two coats of a bituminous paint, or backed with joinery liner.

10.16 Where practicable, all joinery should be fixed by the use of masonry nails. If not, inert fixing grounds (eg plastic) should be used, but timber may be used provided it is cut to size and fully worked, and treated with a suitable HSE-approved timber and masonry fungicide before being inserted onto the damp masonry (the Certificate holder's Technical Department should be contacted for advice).

Technical Investigations

11 Investigations

A re-examination was made of the data and investigations on which the Appendices to Safeguard Europe Ltd's previous chemical dpc Certificates were based. The conclusions drawn from the original data remain valid.

Bibliography

BS 6576 : 2005 + A1 : 2012 *Code of practice for diagnosis of rising damp in walls of buildings and installation of chemical damp-proof courses*

BS 8000-0 : 2014 *Workmanship on construction sites — Introduction and general principles*

BS 8481 : 2006 *Design, preparation and application of internal gypsum, cement, cement and lime plastering systems — Specification*

BS EN 13139 : 2002 *Aggregates for mortar*

BS EN 13914-2 : 2016 *Design, preparation and application of external rendering and internal plastering — Internal plastering*

BS EN ISO 9001 : 2015 *Quality management systems — Requirements*

12 Conditions

12.1 This Certificate:

- relates only to the product/system that is named and described on the front page
- is issued only to the company, firm, organisation or person named on the front page — no other company, firm, organisation or person may hold or claim that this Certificate has been issued to them
- is valid only within the UK
- has to be read, considered and used as a whole document — it may be misleading and will be incomplete to be selective
- is copyright of the BBA
- is subject to English Law.

12.2 Publications, documents, specifications, legislation, regulations, standards and the like referenced in this Certificate are those that were current and/or deemed relevant by the BBA at the date of issue or reissue of this Certificate.

12.3 This Certificate will remain valid for an unlimited period provided that the product/system and its manufacture and/or fabrication, including all related and relevant parts and processes thereof:

- are maintained at or above the levels which have been assessed and found to be satisfactory by the BBA
- continue to be checked as and when deemed appropriate by the BBA under arrangements that it will determine
- are reviewed by the BBA as and when it considers appropriate.

12.4 The BBA has used due skill, care and diligence in preparing this Certificate, but no warranty is provided.

12.5 In issuing this Certificate, the BBA is not responsible and is excluded from any liability to any company, firm, organisation or person, for any matters arising directly or indirectly from:

- the presence or absence of any patent, intellectual property or similar rights subsisting in the product/system or any other product/system
- the right of the Certificate holder to manufacture, supply, install, maintain or market the product/system
- actual installations of the product/system, including their nature, design, methods, performance, workmanship and maintenance
- any works and constructions in which the product/system is installed, including their nature, design, methods, performance, workmanship and maintenance
- any loss or damage, including personal injury, howsoever caused by the product/system, including its manufacture, supply, installation, use, maintenance and removal
- any claims by the manufacturer relating to CE marking.

12.6 Any information relating to the manufacture, supply, installation, use, maintenance and removal of this product/system which is contained or referred to in this Certificate is the minimum required to be met when the product/system is manufactured, supplied, installed, used, maintained and removed. It does not purport in any way to restate the requirements of the Health and Safety at Work etc. Act 1974, or of any other statutory, common law or other duty which may exist at the date of issue or reissue of this Certificate; nor is conformity with such information to be taken as satisfying the requirements of the 1974 Act or of any statutory, common law or other duty of care.