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Agrément Certificate
89/2275
Product Sheet 1

ALBANY MASONRY PAINTS

ALBANY SMOOTH MASONRY PAINT

This Agrément Certificate Product Sheet⁽¹⁾ relates to Albany Smooth Masonry Paint, a smooth finish masonry paint applied by brush, roller or spray for exterior use.

(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

Permeability — the product has good resistance to water penetration (see section 6).

Properties in relation to fire — the product is classified as B-s1, d0 in accordance with BS EN 13501-1 : 2007 and its use is restricted in some cases (see section 7).

Durability — in normal conditions, the product will have good colour stability and perform satisfactorily for up to 10 years (see section 9).

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 Second issue: 9 February 2017

John Albon — Head of Approvals
Construction Products

Claire Curtis-Thomas
Chief Executive

Originally certificated on 2 August 1989

Certificate amended on 4 February 2019 to include Regulation 7(2) for England and associated text.

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

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Regulations

In the opinion of the BBA, Albany Smooth Masonry Paint, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements of the following Building Regulations (the presence of a UK map indicates that the subject is related to the Building Regulations in the region or regions of the UK depicted):



The Building Regulations 2010 (England and Wales) (as amended)

Requirement:	B4(1)	External fire spread
Comment:		The product is restricted by this Requirement. See sections 7.1 to 7.4 of this Certificate.
Regulation:	7	Materials and workmanship (Applicable in Wales only)
Regulation:	7(1)	Materials and workmanship (Applicable in England only)
Comment:		The product is acceptable. See section 9.1 and the Installation part of this Certificate.
Regulation:	7(2)	Materials and workmanship (Applicable in England only)
Comment:		The product is restricted by this Regulation. See sections 7.3 and 7.4 of this Certificate.



The Building (Scotland) Regulations 2004 (as amended)

Regulation:	8(1)(2)	Durability, workmanship and fitness of materials
Comment:		The product is acceptable. See sections 8 and 9.1 and the <i>Installation</i> part of this Certificate.
Regulation:	9	Building standards applicable to construction
Standard:	2.6	Spread to neighbouring buildings
Standard:	2.7	Spread on external walls
Comment:		The product is restricted by these Standards with respect to clauses 2.6.4 ⁽¹⁾⁽²⁾ , 2.6.5 ⁽¹⁾ , 2.6.6 ⁽²⁾ and 2.7.1 ⁽¹⁾⁽²⁾ . See sections 7.1, 7.2, 7.5 and 7.6 of this Certificate.
Standard:	7.1(a)	Statement of sustainability
Comment:		The product can contribute to meeting the relevant requirements of Regulation 9, Standards 1 to 6 and therefore will contribute to a construction meeting a bronze level of sustainability as defined in this Standard.
Regulation:	12	Building standards applicable to conversions
Comment:		Comments made in relation to the product under Regulation 9, Standards 1 to 6, also apply to this Regulation, with reference to clause 0.12.1 ⁽¹⁾⁽²⁾ and Schedule 6 ⁽¹⁾⁽²⁾ . (1) Technical Handbook (Domestic). (2) Technical Handbook (Non-Domestic).



The Building Regulations (Northern Ireland) 2012 (as amended)

Regulation:	23(a)(b)(i)	Fitness of materials and workmanship
Comment:		The product is acceptable. See section 9.1 and the <i>Installation</i> part of this Certificate.
Regulation:	36(a)	External fire spread
Comment:		The product is restricted by this Regulation. See sections 7.1 to 7.3 of this Certificate.

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 sections: 1 *Description* (1.3) and 3 *Delivery and site handling* (3.1, 3.2 and 3.5) of this Certificate.

Technical Specification

1 Description

1.1 Albany Smooth Masonry Paint is a smooth finish masonry paint, based on a vinyl acetate/versatate copolymer emulsion and containing pigments, extenders, dry film preservatives and other additives.

1.2 The product is available in a range of colours, largely to BS 4800 : 2011.

1.3 Ancillary items used during surface preparation are:

- Albany Fungicidal Solution — a water-based solution used to prepare weathered surfaces showing signs of organic growth. The product is approved for this under *The Control of Pesticides Regulations 1986* (HSE No 4471)
- Albany Stabilising Solution — a solvent-based solution used to prepare porous, powdery and chalking surfaces.

2 Manufacture

2.1 The product is produced by 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 systems of the manufacturer have been assessed and registered as meeting the requirements of BS EN ISO 9001 : 2008 by BSI (Certificate FM 543424).

3 Delivery and site handling

3.1 Albany Smooth Masonry Paint is supplied in 2.5, 5, 6 and 10 litre containers (depending on colour), bearing the Certificate holder's name, date code, and the BBA logo incorporating the number of this Certificate.

3.2 Albany Stabilising Solution is supplied in 2.5 and 5 litre containers and Albany Fungicidal Solution is supplied in 1 and 5 litre containers.

3.3 All containers must be protected from frost during transit and when stored on site.

3.4 The product has a shelf-life exceeding two years. Partly used containers may be re-stored provided they are airtight.

3.5 The Certificate holder has taken the responsibility of classifying and labelling the product under the *CLP Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures*. Users must refer to the relevant Safety Data Sheet(s).

Assessment and Technical Investigations

The following is a summary of the assessment and technical investigations carried out on Albany Smooth Masonry Paint.

Design Considerations

4 General

4.1 Albany Smooth Masonry Paint is satisfactory for use as a masonry coating and can be applied by brush, roller or spray to external walls, ceilings and soffits of the following materials⁽¹⁾.

- (a) in-situ or precast concrete (dense and lightweight)
- (b) concrete blockwork (dense and lightweight)
- (c) brickwork (stock, facing and calcium silicate bricks)⁽²⁾
- (d) renderings (sand/cement and sand/lime/cement)
- (e) calcium silicate or fibre reinforced cement sheets or insulation boards
- (f) surfaces (a) to (e) painted with cement paint
- (g) surfaces (a) to (f) treated with Albany Stabilising Solution and/or Albany Fungicidal Solution
- (h) surfaces painted with emulsion paint.

(1) In new construction, the substrate supplier's recommendations for overcoating must also be considered.

(2) The product is not suitable for use over common or Fletton bricks.

4.2 The product is not suitable for use over bitumen coatings.

4.3 The assessment on external walls covers the face of walls above damp-proof course (dpc) level, and excludes horizontal surfaces such as ledges, sills and copings. Parapet walls must have effective dpc's in the correct positions.

4.4 The effect of pre-treatments or an existing coating on the product's fire properties is defined in section 7.

5 Practicability of installation

The product can be applied by a competent painter and decorator, general builder, or operative, experienced with this type of product.

6 Permeability

6.1 When tested to ASTM D 1653 : 2003, a sample of two coats of the product achieved a water vapour resistance of 2.62 MN·s·g⁻¹.

6.2 The product tends to shed water and considerably reduces the amount of water that will be absorbed by the substrate during rain.

7 Properties in relation to fire



7.1 When applied to a substrate with a minimum thickness of 12 mm, a minimum density of 870 kg·m⁻³ and a fire performance of A2 or better, Albany Smooth Masonry Paint will achieve a classification of B-s1, d0 in accordance with BS EN 13501-1 : 2007⁽¹⁾.

(1) Fire Classification Report to BS EN 13501-1 : 2007, reference WF 189927 conducted by Exova Warrington Fire. This report and the supporting test reports are available from the Certificate holder on request.

7.2 This performance may not be achieved if the product is applied over a previous paint coating or on other substrates. The performance of other material combinations should be confirmed by testing or assessment by a UKAS-accredited laboratory or an independent consultant with appropriate experience.



7.3 In England, Wales and Northern Ireland, the product is not classified as non-combustible or of limited combustibility and may be used on buildings at any proximity to a boundary. For buildings with a storey more than 18 m above the ground, designers should consider the impact on the risk of fire spread over the wall.



7.4 The product should not be used on buildings in England that have a storey at least 18 m above ground level and contain; one or more dwellings, an institution, a room for residential purposes (excluding any room in a hostel, hotel or boarding house), student accommodation, care homes, sheltered housing, hospitals or dormitories in boarding schools.



7.5 The product is classified 'Low Risk' in Scotland and may be used on buildings more than 1 m from a boundary and, on houses, 1 m or less from a boundary. With minor exceptions, the product should be included in calculations of unprotected area, except on houses where the external wall behind has the appropriate fire resistance.

7.6 In Scotland, the product should not be used on domestic high-rise buildings (having a storey more than 18 m above the ground).

8 Maintenance



The product can be maintained by washing with a soft bristle brush (see section 9.2).

9 Durability



9.1 In normal conditions, Albany Smooth Masonry Paint correctly applied to the substrates listed in section 4.1, will have good colour stability and perform satisfactorily for up to 10 years.

9.2 In industrial atmospheres the coating may become dirty and, to maintain its appearance, it may be necessary to clean or recoat more frequently. The product can withstand frequent washing without deterioration.

9.3 There will be a gradual change in colour which will not be excessive, but the coating will be discoloured by water runs and care should be taken to ensure that normal architectural details for shedding water clear of the building are present and functioning.

9.4 The coating may be abraded, particularly at ground level, by carelessness in use, eg if bicycles or gardening tools are repeatedly leant against it.

Installation

10 General

Application of Albany Smooth Masonry Paint should be carried out in accordance with BS 6150 : 2006, BS 8000-0 : 2014 and BS 8000-12 : 1989.

11 Preparation

11.1 The substrates must be sound, free from dirt and grease and reasonably dry. Joints in new brickwork and blockwork should be finished flush. Mortar joints in existing work should be repointed if necessary, and allowed to cure.

11.2 The product can bridge hairline cracks in the substrate but larger cracks must be repaired in accordance with the Certificate holder's instructions.

11.3 Any organic growth must be removed mechanically from old surfaces. Albany Fungicidal Solution is diluted with water (one part Albany Fungicidal Solution to three parts water) and applied by brush at a rate of up to 20 m² per litre; on textured surfaces the rate of coverage will be lower. After 24 hours the surface is washed down and allowed to dry.

11.4 If the substrate is chalking, absorbent or friable, or has been decorated previously, any loose material must be removed with a stiff bristle brush. A priming coat of Albany Stabilising Solution is applied by brush at a rate of up to 6 m² per litre; on textured surfaces the rate of coverage will be lower.

12 Application

12.1 Albany Smooth Masonry Paint is applied by brush, roller or spray in two coats. The Certificate holder can give advice on suitable spray equipment.

12.2 The coverage achieved for each coat will depend on the texture and suction of the substrate; normally it will be between 3 and 10 m² per litre per coat.

12.3 To minimise colour shade variations, containers with the same batch number should be selected. Alternatively, the contents of a sufficient number of containers should be intermixed to ensure that a consistent colour is achieved on all elevations.

12.4 The product must not be applied in wet weather or when humidity is above 80% during application or the drying period. The product must not be applied at temperatures below 8°C nor when frost is expected. Freshly-coated work should be protected from rain.

12.5 To avoid patchiness owing to drying edges, work should be carried to an internal or external angle of feature. Alternatively, joints may be made to coincide with features such as downpipes. On large unbroken areas, sufficient operatives should be available to maintain a flowing edge.

12.6 The drying time varies, depending on the substrate and atmospheric conditions, but under normal conditions the product is touch-dry in two hours and in favourable conditions can be re-coated in six hours.

13 Redecoration

When redecorating, it is normally neither necessary nor possible to remove the existing coating completely. The surface should be prepared by washing or brushing, and may be re-coated with Albany Smooth Masonry Paint. The product should not be re-coated with solvent-based gloss paints.

Technical Investigations

14 Tests

Tests were conducted on samples of Albany Smooth Masonry Paint and the results assessed to determine:

- effect of water immersion
- effect of alkali immersion
- colour stability and resistance to artificial weathering
- resistance to impact
- abrasion resistance
- extensibility
- water vapour permeability
- resistance to soiling
- resistance to algal growth.

15 Investigations

15.1 Independent test data were evaluated relating to fire classification according to BS EN 13501-1 : 2007 and water vapour permeability according to ASTM D 1653 : 2003.

15.2 Visits were made to sites in progress and to established sites where the product was in service.

15.3 The manufacturing process was evaluated, including the methods adopted for quality control, and details were obtained of the quality and composition of the materials used.

Bibliography

BS 4800 : 2011 *Schedule of paint colours for building purposes*

BS 6150 : 2006 + A1 : 2014 *Painting of buildings — Code of practice*

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

BS 8000-12 : 1989 *Workmanship on building sites — Code of practice for decorative wallcoverings and painting*

BS EN 13501-1 : 2007 + A1 : 2009 *Fire classification of construction products and building elements — Classification using test data from reaction to fire tests*

BS EN ISO 9001 : 2008 *Quality management systems — Requirements*

ASTM D 1653 : 2003 *Standard test methods for water vapor transmission of organic coating films*

16 Conditions

16.1 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.

16.2 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.

16.3 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.

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

16.5 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.

16.6 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.