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## Agrément Certificate

25/7328

Product Sheet 1 Issue1

### EXTERNAL WALL COATINGS

### EMPEROR PAINT

This Agrément Certificate Product Sheet<sup>(1)</sup> relates to Emperor Paint, a silicon emulsion for use as an exterior masonry coating.

(1) Hereinafter referred to as 'Certificate'.

#### The assessment includes

##### Product factors:

- compliance with Building Regulations
- compliance with additional regulatory or non-regulatory information where applicable
- evaluation against technical specifications
- assessment criteria and technical investigations
- uses and design considerations

##### Process factors:

- compliance with Scheme requirements
- installation, delivery, handling and storage
- production and quality controls
- maintenance and repair

##### Ongoing contractual Scheme elements†:

- regular assessment of production
- formal 3-yearly review



#### KEY FACTORS ASSESSED

- Section 1. Mechanical resistance and stability
- Section 2. Safety in case of fire
- Section 3. Hygiene, health and the environment
- Section 4. Safety and accessibility in use
- Section 5. Protection against noise
- Section 6. Energy economy and heat retention
- Section 7. Sustainable use of natural resources
- Section 8. Durability

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 issue: 21 February 2025

Hardy Giesler  
Chief Executive Officer

*This BBA Agrément Certificate is issued under the BBA's Inspection Body accreditation to ISO/IEC 17020. Sections marked with † are not issued under accreditation.*

*The BBA is a UKAS accredited Inspection Body (No. 4345), Certification Body (No. 0113) and Testing Laboratory (No. 0357).*

*Readers MUST check that this is the latest issue of this Agrément Certificate by either referring to the BBA website or contacting the BBA directly.*

*The Certificate should be read in full as it may be misleading to read clauses in isolation.*

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

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## SUMMARY OF ASSESSMENT AND COMPLIANCE

This section provides a summary of the assessment conclusions; readers should refer to the later sections of this Certificate for information about the assessments carried out.

### Compliance with Regulations

Having assessed the key factors, the opinion of the BBA is that Emperor 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 Building Regulations 2010 (England and Wales) (as amended)

<b>Requirement:</b>	<b>B4(1)</b>	<b>External fire spread</b>
Comment:		The product is restricted by this Requirement. See section 2 of this Certificate.
<b>Regulation:</b>	<b>7(1)</b>	<b>Materials and workmanship</b>
Comment:		The product is acceptable. See sections 8 and 9 of this Certificate.
<b>Regulation:</b>	<b>7(2)</b>	<b>Materials and workmanship</b>
Comment:		The product is restricted by this Regulation. See section 2 of this Certificate.



#### The Building (Scotland) Regulations 2004 (as amended)

<b>Regulation:</b>	<b>8(1)(2)</b>	<b>Fitness and durability of materials and workmanship</b>
Comment:		The product is acceptable. See sections 8 and 9 of this Certificate.
<b>Regulation:</b>	<b>8(3)</b>	<b>Fitness and durability of materials and workmanship</b>
Comment:		The product is restricted by this Regulation. See section 2 of this Certificate.
<b>Regulation:</b>	<b>9</b>	<b>Building standards – construction</b>
Standard:	2.6	Spread to neighbouring buildings
Standard:	2.7	Spread on external walls
Comment:		The product is restricted by these Standards, with reference to clauses 2.6.4 <sup>(1)(2)</sup> , 2.6.5 <sup>(1)</sup> , 2.6.6 <sup>(2)</sup> and 2.7.1 <sup>(1)(2)</sup> . See section 2 of this Certificate.
Standard:	7.1(a)	Statement of sustainability
Comment:		The product can contribute to satisfying the relevant requirements of Regulation 9, Standards 1 to 6, and therefore will contribute to a construction meeting at least a bronze level of sustainability as defined in this Standard.
<b>Regulation:</b>	<b>12</b>	<b>Building standards – conversion</b>
Comment:		All comments given for the product under Regulation 9, Standards 1 to 6, also apply to this Regulation, with reference to clause 0.12.1 <sup>(1)(2)</sup> and Schedule 6 <sup>(1)(2)</sup> .

(1) Technical Handbook (Domestic).

(2) Technical Handbook (Non-Domestic).



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

<b>Regulation:</b>	<b>23(1)(a)(i)</b>	<b>Fitness of materials and workmanship</b>
<b>Comment:</b>	<b>(iii)(b)(i)</b>	The product is acceptable. See sections 8 and 9 of this Certificate.
<b>Regulation:</b>	<b>23(2)</b>	<b>Fitness of materials and workmanship</b>
<b>Comment:</b>		The product is restricted by this Regulation. See section 2 of this Certificate
<b>Regulation:</b>	<b>36(a)</b>	<b>External fire spread</b>
<b>Comment:</b>		The product is restricted under this Regulation. See section 2 of this Certificate.

### Additional Information

#### NHBC Standards 2025

In the opinion of the BBA, Emperor Paint, 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 9.5 *Painting and decorating*.

### Fulfilment of Requirements

The BBA has judged Emperor Paint to be satisfactory for use as described in this Certificate. The product has been assessed as a silicon emulsion for use as an exterior masonry coating.

### ASSESSMENT

#### Product description and intended use

The Certificate holder provided the following description for the product under assessment. Emperor Paint consists of an emulsion of silicone resin with pigments, and other additives. The product is available in white and a range of pastel shades, details of which are available from the Certificate holder.

#### Ancillary Items

Emperor Primer is essential to use with the product and has been assessed with the product.

The Certificate holder recommends Emperor Cleaner for use with the product to prepare weathered surfaces showing signs of organic growth, but this material has not been assessed by the BBA and is outside the scope of this Certificate.

#### Applications

The product is intended for use on the following substrates as an exterior masonry coating, for application by roller, brush or airless spray to external walls and soffits of the following materials<sup>(1)</sup>:

- a) in-situ or precast concrete (dense and lightweight)
- b) concrete blockwork (dense and lightweight)
- c) brickwork<sup>(2)</sup>
- d) renderings (sand/cement and sand/lime/cement)
- e) calcium silicate or fibre-reinforced cement sheets or insulation boards
- f) surfaces (a) to (e) coated with cement paint
- g) surfaces (a) to (f) coated with Emperor Primer
- h) surfaces painted with emulsion paints.

(1) In new construction, the brick manufacturer's recommendations for overcoating must be followed.

(2) Some types of brick, eg common/fletton, may be unsuitable for application of the product. The Certificate holder's advice should be sought, but such advice is outside the scope of this Certificate.

## Product assessment – key factors

The product was assessed for the following key factors, and the outcome of the assessment is shown below. Conclusions relating to the Building Regulations apply to the whole of the UK unless otherwise stated.

### 1 Mechanical resistance and stability

Not applicable.

### 2 Safety in case of fire

Data were assessed for the following characteristics.

#### 2.1 Properties in relation to fire

2.1.1 The Certificate holder has not declared a reaction to fire classification to BS EN 13501-1 : 2018 for the product.

2.1.2 On the basis of data assessed, the product will be restricted in use under the documents supporting the national Building Regulations in some cases.

2.1.3 In England, the product must not be used less than 1 m from a relevant boundary, or on residential buildings more than 11 m in height or on other buildings that have a storey more than 18 m in height.

2.1.4 In Wales and Northern Ireland, the product must not be used less than 1 m from a relevant boundary, or on other buildings with a storey more than 18 m or more in height.

2.1.5 In Scotland, the product must not be used externally 1 m or less from a relevant boundary or on a building with a storey more than 11 m above the ground.

2.1.6 Designers must refer to the relevant national Building Regulations and guidance for detailed conditions of use, particularly in respect of requirements for substrate fire performance, cavity barriers and combustibility limitations for other materials and components used in the overall wall construction.

### 3 Hygiene, health and the environment

Data were assessed for the following characteristics.

#### 3.1 Properties in relation to water

3.1.1 The result of water vapour permeability and resistance tests are given in Table 1.

*Table 1 Water vapour resistance*

Product assessed	Assessment method	Requirement	Result
Emperor Paint	Water vapour resistance to BS EN ISO 7783 : 2018	Value achieved	0.53 MN·s·g <sup>-1</sup>
Emperor Paint	Liquid water permeability to BS EN 1062-3 : 2008	Value achieved	0.01 kg·(m <sup>2</sup> ·h <sup>0.5</sup> ) <sup>-1</sup>

3.1.2 On the basis of data assessed, the product has satisfactory properties in relation to water. The product tends to shed water and considerably reduce the amount of water that can be absorbed by the substrate.

### 4 Safety and accessibility in use

Not applicable.

## 5 Protection against noise

Not applicable.

## 6 Energy economy and heat retention

Not applicable.

## 7 Sustainable use of natural resources

Not applicable.

## 8 Durability

8.1 The potential mechanisms for degradation and the known performance characteristics of the materials in the product were assessed.

8.2 Specific test data were assessed as given in Table 2.

*Table 2 Durability*

Product assessed	Assessment method	Requirement	Result
Emperor Paint	Resistance to impact to MOAT 43 : 1987 UV aged to MOAT 33 : 1986	No significant damage	Pass
	Chipping to BS AU 148 – 15 : 1969 UV aged to MOAT 33 : 1986	No significant damage	Pass
	Blistering to BS EN ISO 4628-2 : 2003 and BS 3900-H2 : 2003 UV aged to MOAT 33 : 1986	No blistering visible	Pass
	Flaking to BS EN ISO 4628-5 : 2003 and BS 3900-H2 : 2003 UV aged to MOAT 33 : 1986	No significant damage	Pass
	Cracking to BS EN ISO 4628-4 : 2003 and BS 3900-H2 : 2003 UV aged to MOAT 33 : 1986	No significant damage	Pass
	Chalking to BS EN ISO 4628-6 : 2011 UV aged to MOAT 33 : 1986	No significant chalking	Pass
	Cross cut adhesion to BS EN ISO 2409 : 2013 UV aged to MOAT 33 : 1986	No significant loss of adhesion	Pass
	Colourfastness to BS 3900-D9 : 1986 Colour measurement to ISO 7724-2 : 1984 UV aged to MOAT 33 : 1986	No significant colour difference	Pass
	Resistance to abrasion to BS EN ISO 7784-2 : 2006	1000 cycles	Pass
	Resistance to algal growth to MOAT 33 : 1986	Value achieved	4

### 8.3 Service life

8.3.1 Under normal service conditions, the product will have a life in excess of 15 years, provided it is designed, installed and maintained in accordance with this Certificate and the Certificate holder's instructions.

8.3.2 The product may support some algal growth on long-term exposure, but this will be reduced compared to an uncoated surface.

Information provided by the Certificate holder was assessed for the following factors:

### 9 Design, installation, workmanship and maintenance

#### 9.1 Design

9.1.1 The design process was assessed, and the following requirements apply in order to satisfy the performance assessed in this Certificate.

9.1.2 Application must be carried out generally in accordance with BS 6150 : 2019, BS 8000-0 : 2014 and BS 8000-12 : 1989, and this Certificate.

#### 9.2 Installation

9.2.1 Installation instructions provided by the Certificate holder were assessed and judged to be appropriate and adequate.

9.2.2 Application of the product must be carried out in accordance with this Certificate, the Certificate holder's instructions and the relevant clauses of BS 6150 : 2019, BS 8000-0 : 2014 and BS 8000-12 : 1989. A summary of instructions and guidance is provided in Annex A of this Certificate.

#### *Preparation*

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

9.2.4 The product can bridge hairline cracks in the substrate, but larger cracks must be filled and patched in accordance with the Certificate holder's instructions.

9.2.5 Any organic growth must be removed mechanically from old surfaces, and a suitable cleaner is applied in accordance with the Certificate holder's instructions and allowed to dry. The Certificate holder can advise on suitable materials for this purpose, but such advice and products are outside the scope of this Certificate. Any remaining loose material must be removed using a stiff bristle brush.

9.2.6 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 Emperor Primer must be applied using an airless sprayer or air assisted sprayer at a typical coverage of 150-200 ml·m<sup>-2</sup> depending on porosity and allowed to dry for 3 – 5 hours before the product is applied.

#### *Application*

9.2.7 The product is applied in two coats by roller, brush or airless spray gun. The Certificate holder can advise on suitable types of spray equipment, but such advice is outside the scope of this Certificate.

9.2.8 The product must not be applied in damp conditions, or in relative humidity of greater than 80%, at temperatures below 5°C, or when frost is expected.

9.2.9 The coverage achieved will depend on the method of application and the texture and suction of the substrate. The first coat is applied at approximately 5-6 m<sup>2</sup>·l<sup>-1</sup>, thinned 10% with clean water. The first coat must be allowed to dry fully before applying the second coat un-thinned at approximately 5-6 m<sup>2</sup>·l<sup>-1</sup>.

#### 9.3 Workmanship

Practicability of installation was assessed by the BBA on the basis of the Certificate holder's information. To achieve the performance described in this Certificate, installation of the product must be carried out by a competent painter and decorator, experienced with this type of product.

#### 9.4 Maintenance and repair

The coating will withstand frequent washing without deterioration. A soft bristle brush must be used.

### **10 Manufacture**

10.1 The production processes for the product have been assessed, and provide assurance that the quality controls are satisfactory according to the following factors:

10.1.1 The manufacturer has provided documented information on the materials, processes, testing and control factors.

10.1.2 The quality control operated over batches of incoming materials has been assessed and deemed appropriate and adequate.

10.1.3 The quality control procedures and product testing to be undertaken have been assessed and deemed appropriate and adequate.

10.1.4 The process for management of non-conformities has been assessed and deemed appropriate and adequate.

10.1.5 An audit of each production location was undertaken, and it was confirmed that the production process was in accordance with the documented process, and that equipment has been properly tested and calibrated.

† 10.2 The BBA has undertaken to review 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.

### **11 Delivery and site handling**

11.1 The Certificate holder stated that Emperor Paint is delivered in 5 and 10 litre containers and Emperor Primer in 10 litre containers, bearing the product name, the Certificate holder's name, batch number, health and safety information and the BBA logo incorporating the number of this Certificate.

11.2 Delivery and site handling must be performed in accordance with the Certificate holder's instructions and this Certificate, including:

11.2.1 The product must be stored in dry, frost-free conditions and preferably at room temperature.

Supporting information in this Annex is relevant to the product but has not formed part of the material assessed for the 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.

### CLP Regulations

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

### Additional information on installation

- A.1 To avoid patchiness owing to drying edges, work should be carried to an internal or external angle or to a feature. Alternatively, joints may be made to coincide with downpipes. On large unbroken areas, sufficient operatives should be available to maintain a flowing edge.
- A.2 The drying time varies, depending on the substrate and atmospheric conditions. In favourable conditions, two coats can be applied on the same day.
- A.3 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 then re-coated with Emperor Paint.



## Bibliography

BS 3900-D9 : 1986 *Methods of Test for Paints Group D: Optical Tests on Paint Films Part D9: Determination of Colour and Colour Difference Measurement*

BS 3900-H2 : 2003 *Incorporating Corrigendum No. 1 Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 2 : Assessment of degree of blistering*

BS 6150 : 2019 *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 AU 148 – 15 : 1969 *Methods of Test for Motor Vehicle Paints Part 15: Resistance to Chipping*

BS EN 1062-3 : 2008 *Paints and varnishes — Coating materials and coating systems for exterior masonry and concrete — Part 3: Determination of liquid water permeability*

BS EN 13501-1 : 2018 *Fire classification of construction products and building element — Classification using data from reaction to fire tests*

BS EN ISO 2409 : 2013 *Paints and varnishes – Cross-cut test*

BS EN ISO 4628-2 : 2003 *Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance Part 2 : Assessment of the degree of blistering*

BS EN ISO 4628-4 : 2003 *Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance Part 4 : Assessment of the degree of cracking*

BS EN ISO 4628-5 : 2003 *Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance Part 5 : Assessment of the degree of flaking*

BS EN ISO 4628-6 : 2011 *Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance Part 6: Assessment of degree of chalking by tape method*

BS EN ISO 7783 : 2018 *Paints and varnishes — Determination of water-vapour transmission properties — Cup method*

BS EN ISO 7784-2 : 2006 *Paints and varnishes — Determination of resistance to abrasion — Rotating abrasive rubber wheel method*

ISO 7724-2 : 1984 *Paints and varnishes — Colorimetry — Part 2: Colour measurement*

MOAT 33 : 1986 *The assessment of masonry coatings*

MOAT 43 : 1987 *UEAtc Directive for impact testing on opaque vertical building components*

## Conditions of Certificate

### Conditions

1 This Certificate:

- relates only to the product 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
- 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
- and any matter arising out of or in connection with it or its subject matter (including non-contractual disputes or claims) is governed by and construed in accordance with the law of England and Wales.
- the courts of England and Wales shall have exclusive jurisdiction to settle any matter arising out of or in connection with this Certificate or its subject matter (including non-contractual disputes or claims).

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.

3 This Certificate will be displayed on the BBA website, and the Certificate Holder is entitled to use the Certificate and Certificate logo, provided that the product 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.

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

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

6 Any information relating to the manufacture, supply, installation, use, maintenance and removal of this product which is contained or referred to in this Certificate is the minimum required to be met when the product 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.

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