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Agrément Certificate

17/5464

Product Sheet 1 Issue 3

MONOCOUCHE RENDERS

WEBERPRAL M

This Agrément Certificate Product Sheet⁽¹⁾ relates to weberpral M, a one-coat, cementitious, self-coloured render for application to suitably prepared and sound exterior substrates of brickwork, blockwork, concrete and traditional sand/cement render.

(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 Third issue: 8 February 2024
Originally certified on 13 November 2017

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 weberpral M, 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)

Requirement:	B4(1)	External fire spread
Comment:		The product is unrestricted by this Requirement. See section 2 of this Certificate.
Requirement:	C2(b)	Resistance to moisture
Comment:		The product will contribute to satisfying this Requirement. See section 3 of this Certificate.
Requirement:	C2 (c)	Resistance to moisture
Comment:		The product will contribute to satisfying this Requirement. See section 3 of this Certificate.
Regulation:	7(1)	Materials and workmanship
Comment:		The product is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	7(2)	Materials and workmanship
Comment:		The product is unrestricted by this Regulation. See section 2 of this Certificate.



The Building (Scotland) Regulations 2004 (as amended)

Regulation:	8(1)(2)	Fitness and durability of materials and workmanship
Comment:		The product is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	8(3)	Fitness and durability of materials and workmanship
Comment:		The product is unrestricted by this Regulation. See section 2 of this Certificate.
Regulation:	9	Building standards - construction
Standard:	2.6	Spread to neighbouring buildings
Standard:	2.7	Spread on external walls
Comment:		The product may be restricted by these Standards, with references to clauses 2.6.4 ⁽¹⁾⁽²⁾ , 2.6.5 ⁽¹⁾ , 2.6.6 ⁽²⁾ and 2.7.1 ⁽¹⁾⁽²⁾ . See section 2 of this Certificate.
Standard:	3.10	Precipitation
Comment:		The product can contribute to satisfying this Standard, with reference to clauses 3.10.1 ⁽¹⁾⁽²⁾ , 3.10.2 ⁽¹⁾⁽²⁾ , 3.10.3 ⁽¹⁾⁽²⁾ and 3.10.5 ⁽¹⁾⁽²⁾ . See section 3 of this Certificate.
Standard:	3.15	Condensation
Comment:		The product can contribute to satisfying this Standard, with reference to clauses 3.15.1 ⁽¹⁾⁽²⁾ and 3.15.5 ⁽¹⁾⁽²⁾ . See section 3 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 - conversions
Comment:		Comments 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(1)(a) (i)(ii)	Fitness of materials and workmanship
Comment:	(iii)(b)(i)	The product is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	23(2)	Fitness of materials and workmanship
Comment:		The product is unrestricted by this Regulation. See section 2 of this Certificate.
Regulation:	28(b)	Resistance to moisture and weather
Comment:		The product can contribute to satisfying this Regulation. See section 3 of this Certificate.
Regulation:	29	Condensation
Comment:		The product can contribute to satisfying this Regulation. See section 3 of this Certificate.
Regulation:	36(a)	External fire spread
Comment:		The product is unrestricted by this Regulation. See section 2 of this Certificate.

Additional Information

NHBC Standards 2023

In the opinion of the BBA, weberpral M, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements in relation to *NHBC Standards*, Part 6 *Superstructure (excluding roofs)*, Chapter 6.11 *Render*.

Fulfilment of Requirements

The BBA has judged weberpral M to be satisfactory for use as a render as described in this Certificate. The product has been assessed as a one-coat, cementitious, self-coloured render for application to suitably prepared and sound exterior substrates of brickwork, blockwork, concrete and traditional sand/cement render.

ASSESSMENT

Product description and intended use

The Certificate holder provided the following description for the product under assessment: weberpral M consists of a one-coat, self-coloured cementitious render containing white cement, mineral aggregates, pigments and additives.

The product is available in a range of 24 colours.

The product is applied to a minimum thickness of 15 mm and has an applied weight of between 22 and 25 kg·m⁻².

Ancillary Items

weberend aid, a polymer-modified cement and sand mix, is essential to use with the product and has been assessed with the product, to be mixed with water and applied on low absorption substrates to improve adhesion.

Applications

The product is intended for use as a one-coat render on new or existing buildings on the following suitably prepared and sound substrates of:

- brickwork
- blockwork
- concrete
- traditional sand/cement render.

The assessment and this Certificate only include applications to walls above the damp-proof course (DPC) level. The product has not been assessed for use:

- on woodwool slabs
- on metal lathing
- over painted brickwork and similar backgrounds
- over timber-frame construction
- over metal-frame construction
- on the backs of parapet and screen walls rendered on the face
- on horizontal surfaces exposed to the weather, such as ledges, sills and copings
- as rendering to chimney stacks.

The product is not suitable for application to previously decorated surfaces.

Product assessment – key factors

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

1 Mechanical resistance and stability

Data were assessed for the following characteristics.

1.1 Resistance to external factors

1.1.1 Results of hygrothermal performance tests are given in Table 1.

Table 1 – Resistance to external factors

Product assessed	Assessment method	Requirement	Result
weberpral M	MOAT 22 : 1988, Section 3.3.2, Hygrothermal performance	No visible damage	Pass
weberpral M	MOAT 22 : 1988, Section 3.2.1.3, Bond tests	At least 0.1 MPa	Pass
weberpral M	MOAT 22 : 1988, Sections 3.3.3.1 and 3.3.3.2	Diameter used without perforating render	Indent only, 20 mm diameter

1.1.2 On the basis of data assessed, the product has adequate resistance to impact and cracking in all normal circumstances. Where the product may be exposed to severe impact (eg on some industrial sites), or is to be applied over existing background cracks, precautions may be required to reduce the risk of damage.

2 Safety in case of fire

Data were assessed for the following characteristics.

2.1 Reaction to fire

2.1.1 Results of a reaction to fire assessment are given in Table 2.

Table 2 Reaction to fire classification

Product assessed	Assessment method	Requirement	Result
weberpral M	Classification according to BS EN 998-1 : 2016	≤1 % organic content	A1

2.1.2 The render system applied over any substrate with a fire performance of D-s2,d0 or better has a fire classification⁽¹⁾ of A2-s1,d0 to BS EN 13501-1 : 2018. This classification applies to the complete colour range.

(1) Test reports WF429028 and WF429029, issued by Warringtonfire. Copies of the reports are available from the Certificate holder upon request.

Table 3 Tested system

System tested	
Substrate	Plywood, thickness 9 mm, weight per unit area 4.5 g·m ⁻² , density 450 kg·m ⁻³
Key coat	weberend aid, thickness 3 mm, weight per unit area 3.3 kg·m ⁻²
Top coat	weberpral M, thickness 15 mm, weight per unit area of 25 kg·m ⁻²

2.1.3 On the basis of data assessed, the constructions given in section 2.1.1 and 2.1.2 are unrestricted under the documents supporting the national Building Regulations with regard to building height and proximity to a relevant boundary

2.1.4 The classification and permissible areas of use of other specifications and constructions must be established in accordance with the documents supporting the national Building Regulations.

2.1.5 Designers must refer to the relevant national Building Regulations and guidance for alternative approaches and detailed conditions of use, particularly in respect of requirements for substrate fire performance 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 vapour permeability

3.1.1 Results of permeability to water vapour tests are given in Table 3.

Table 3 - Water vapour permeability results

Product assessed	Assessment method	Requirement	Result
weberpral M	BS 3177 : 1959	Value achieved	188.9 g·m ⁻² ·24h ⁻¹

3.1.2 On the basis of data assessed, the product will improve the weather resistance of a wall and provide a new decorative finish.

3.1.3 The product is suitable for use in exposure zones up to and including the 'severe' wind-driven rain index category in accordance with PD 6697 : 2019.

3.1.4 The product tends to shed water and considerably reduces the amount that will 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 Service life

8.2.1 Under normal service conditions, the product will have a life of at least 25 years, provided it is designed, installed and maintained in accordance with this Certificate and the Certificate holder's instructions.

8.2.2 The system may be discoloured by water runs and care must be taken to ensure that normal architectural details for shedding water clear of the building are present and functioning, and that gutters and downpipes are in good condition.

8.2.3 The product may become discoloured over time, the rate depending on the local environment. Appearance can normally be restored by cleaning with water, mild detergent and a stiff brush. In industrial atmospheres, light colours must be avoided.

8.2.4 The product may suffer from algal growth in a similar manner to traditional external rendered finishes. For additional preventative advice, the Certificate holder must be consulted, but such advice is outside the scope of this Certificate.

8.2.5 In common with traditional renders, the product may be susceptible to lime bloom. The incidence of this may be reduced by proper protection and by avoiding application in winter or adverse weather conditions. The effect is less noticeable on white or lighter colours. For additional preventative advice, the Certificate holder should be consulted, but such advice is outside the scope of this Certificate.

PROCESS ASSESSMENT

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 by the BBA, and the following requirements apply in order to satisfy the performance assessed in this Certificate.

9.1.2 New constructions to be rendered with the product must be designed and constructed in accordance with the relevant recommendations of BS EN 1996-2 : 2006 and its UK National Annex, and BS EN 13914-1 : 2016.

9.1.3 The designer must select a construction appropriate to its location, paying due attention to design, detailing and workmanship, and the materials to be used.

9.1.4 It is essential that all walls where the product is applied are designed and constructed to prevent moisture penetration and the formation of condensation. Substrates must be properly prepared and suitable for receiving a rendered finish.

9.1.5 In common with traditional renders, it is essential that the surface to be rendered is clean and provides a sound mechanical key, to ensure a satisfactory bond between the substrate and the product. In instances where this is not the case, the Certificate holder must be consulted for advice on substrate preparation, but such advice is outside the scope of 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 Installation must be carried out in accordance with this Certificate, the Certificate holder's instructions and the relevant recommendations of BS EN 13914-1 : 2016. A summary of instructions and guidance are provided in Annex A of this Certificate.

9.2.3 The product must not be applied in rain or mist, at temperatures below 5°C or above 35°C, or if exposure to frost is likely to occur during curing. In common with traditional sand/cement renders, the product must not be applied to frost-bound walls.

9.2.4 Any damage to the product assessed in this Certificate must be repaired in accordance with section 9.4 and reinspected, in order to maintain product performance.

Site survey and preliminary work

9.2.5 A pre-application survey of the property must be carried out to determine its suitability to receive the product and whether repairs to the building structure are necessary before application. A specification must also be prepared by the designer for each elevation indicating:

- preliminary treatment of the background
- the position of beads
- detailing around windows and doors and at eaves
- DPC level
- exact position of movement joints
- areas where flexible sealants must be used
- any alterations to external plumbing, fixtures and fittings.

9.2.6 The mortar in new brickwork must conform to the Certificate holder's specification.

9.2.7 All necessary repairs to the building structure must be completed before application.

9.2.8 At the top of walls, the product must be protected by an adequate overhang or by adequately sealed, purpose-made flashing.

Preparation of substrate

9.2.9 All damage to the substrate from frost attack, salts or corrosion must be carefully repaired. Damaged bricks or blocks must be replaced and any holes or insufficiently filled joints repaired using a suitable mortar. Loose and spalling render or projecting mortar joints should be removed, and uneven surfaces must be levelled using an appropriate render to minimise variations in the thickness of the product. For additional advice, the Certificate holder should be consulted, but such advice is outside the scope of this Certificate.

9.2.10 The relevant recommendations of BS EN 13914-1 : 2016 must be followed if a satisfactory bond is to be achieved. In particular, the surface to be rendered must provide a good mechanical key and adequate suction, and be free from paint, oil, soot, efflorescence, dust, lichens, mould and similar growth, or anything else that could prevent a satisfactory bond.

9.2.11 It is essential that the substrate to be rendered is clean. This applies to both new and old surfaces.

9.2.12 The product must not be used on water-repellent substrates, plaster or painted plaster, or coatings.

9.2.13 When the substrate consists of different materials or a material of variable suction, the recommendations of BS EN 13914-1 : 2016 and the Certificate holder's instructions must be followed to ensure even quality and appearance of the render.

9.2.14 On backgrounds of low suction (eg dense smooth concrete or stone), weberend aid must be used for adequate key. The advice of the Certificate holder should be sought concerning special procedures necessary to provide an adequate key, but such advice is outside the scope of this Certificate.

Application

Traditional application

9.2.15 The product must be allowed to harden for between 5 and 16 hours, depending on the ambient temperature, before the surface is scraped using a suitable tool.

Spray application

9.2.16 The spray gun must be held at 90°, at a distance of between 75 and 100 mm from the work surface, so that ribbons of the material are reasonably flat to facilitate ruling.

9.2.17 It is essential that each pass of the product is applied using adequate pressure to exclude air and to ensure a satisfactory bond.

Curing

9.2.18 The product must be protected from rain, mist or cold (below 5°C on a falling thermometer) during the early curing period, as drying could be excessively prolonged under such circumstances.

Finishing

9.2.19 On completion of the rendering, the surface must be checked to ensure an even coverage, texture and consistency of colour.

9.3 Workmanship

Practicability of installation was assessed, on the basis of the Certificate holder's information and site visits to witness installations in progress. To achieve the performance described in this Certificate, installation of the product must be carried out by a competent contractor, experienced with this type of product.

9.4 Maintenance and repair

9.4.1 Ongoing satisfactory performance of the product in use requires that it is suitably maintained. The guidance provided by the Certificate holder was assessed by the BBA and found to be appropriate and adequate.

9.4.2 Regular maintenance checks must be carried out to ensure that architectural details for shedding water clear of the building are present and functioning. Any damage to the render should be repaired immediately.

9.4.3 Any damage to the render must be repaired immediately in accordance with the relevant recommendations of BS EN 13914-1 : 2016. The advice of the Certificate holder should be sought for installations, but such advice is outside the scope of this Certificate.

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 the product is delivered to site in packaging bearing the product name, Certificate holder's name, product colour, batch number and weight of contents in kilograms.

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

11.1.2.1 The product must be stored off the ground under cover, in dry conditions and protected from moisture and frost.

11.1.2.2 To avoid 'warehouse set' caused by compaction, the height of bags stacked on a pallet must not exceed 1 m and no more than four pallets should be stacked.

11.1.2.3 The product must be used in the order in which it is received and each delivery must be kept separate to avoid confusion.

ANNEX A – SUPPLEMENTARY INFORMATION †

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 CLG 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).

UKCA marking

The Certificate holder has taken the responsibility of UKCA marking the product in accordance with Designated Standard EN 998-1 : 2016.

CE marking

The Certificate holder has taken the responsibility of CE marking the product, in accordance with harmonised European Standard EN 998-1 : 2016.

Management Systems Certification for production

The management system of the manufacturer has been assessed and registered as meeting the requirements of BS EN ISO 9001 : 2015 and BS EN ISO 14001 : 2015 by BSI (Certificates 641234 and EMS 641233 respectively).

Additional information on installation

General

A.1 When use of the product for the first time is being considered, the advice of Certificate holder should be sought, but such advice is outside the scope of this Certificate.

A.2 In sunny weather, work should commence on the shady side of the building and be continued round following the sun, to prevent the render drying out too rapidly.

A.3 To minimise colour shade variations and avoid dry line jointing, continuous surfaces should be completed without a break. If breaks cannot be avoided they should be made where services or architectural features, such as reveals or lines of doors and windows, will help mask cold joints. Where long, uninterrupted runs are planned, bags of the product should be checked for batch numbers; bags with different batch numbers should be checked for colour consistency.

Site survey and preliminary work

A.4 Advice concerning the site survey and preliminary work for application of the product is available to the designer or rendering contractor on request from the Certificate holder, but such advice is outside the scope of this Certificate.

A.5 Tests should be conducted in accordance with BS EN 772-5 : 2016 to determine the salt content of the substrate. The results of the tests should be reported to the Certificate holder to enable advice to be given on the suitability of the substrate to receive the product, but such advice is outside the scope of this Certificate.

A.6 It is recommended that external plumbing to existing buildings be removed and, where necessary, alterations made to underground drainage to accommodate its repositioning on the finished face of the render.

A.7 On existing buildings purpose-made over-sills may be necessary to extend beyond the finished face of the product. Sills should have an efficient throat or drip on the underside and be designed to prevent water running onto the wall below, or into the jambs. New buildings should incorporate suitably wide sills.

A.8 In common with traditional renders, new walls to be rendered should be left for as long as possible to dry out and to minimise subsequent substrate movement. Where this may not be practical, the Certificate holder should be consulted for additional advice, but such advice is outside the scope of this Certificate.

Preparation of substrate

A.9 When applying the product to porous or high-suction substrates, particularly in warm weather, suction control will be required by lightly spraying with a fine mist of clean water evenly before the render is applied. Saturation should be avoided as this will cause excessive shrinkage.

A.10 For very smooth or very irregular surfaces, the advice of the Certificate holder should be sought, but such advice is outside the scope of this Certificate.

A.11 Wherever possible, independent scaffolding should be used to avoid the need subsequently to make good putlog holes and other breaks in the work.

A.12 Angles may be formed using PVC beads or (temporary) timber battens. The Certificate holder can advise on suitable materials, but such advice is outside the scope of this Certificate.

Mixing

A.13 weberpral M is added to clean water at a rate of approximately 5.5 litres of water per 25 kg of product. The mixture is prepared mechanically in either a tumble mixer, with a drill and paddle, or a suitable render spray machine. The mixing should take between 5 and 10 minutes, until a homogeneous mass is obtained.

A.14 Where excessive concentrations of dust may accumulate, the measures defined in the Health and Safety Executive Publication EH40/2005 *Workplace exposure limits for unlisted substances* (2nd Edition 2011, amended March 2013) should be adhered to.

A.15 Once the product has been mixed, additional water should not be added. The product may be remixed to regain a workable consistency.

A.16 In common with traditional renders, slumping of the material may occur if the mix is too wet, increasing the risk of settlement cracks developing.

Application

A.17 Application may be carried out either mechanically by spray application, or manually using a trowel or float. Advice should be sought from the Certificate holder regarding suitable equipment and water/render ratios for mechanical spray application, but such advice is outside the scope of this Certificate.

A.18 The thickness of the finished coating, whether scraped or with a raised texture, should not be less than 15 mm at its lowest point or more than 25 mm. Scraped finishes will require the application of 2 to 3 mm more than the specified thickness to allow for material lost in the scraping process.

Traditional application

A.19 The product can be applied by traditional rendering methods in a one-coat operation to a minimum finished thickness of 15 mm.

A.20 On low-suction surfaces, a first pass of just over half the specified thickness, followed by a second pass when the first pass has 'picked up' but not set, may be necessary.

A.21 No areas, however small, should be left unscraped, otherwise variations will occur in both shade and texture. Scraping should be sufficient to remove the surface skin of mortar to expose the larger particles of aggregate. After scraping, the surface should be gently brushed to remove dust.

Spray application

A.22 For a roughcast finish, the first pass is applied to a minimum thickness of 10 mm and ruled level.

A.23 A second pass of the product is applied after one to two hours, using a swirling action of the gun at a distance of 600 to 900 mm from the work surface. To ensure an even textured appearance, the gun should be held at 90° to the work surface.

A.24 The required texture can be achieved by fitting a suitable spray cap and adjusting the air supply to the gun.

A.25 If a scraped finish is desired, the product is applied and ruled level to a uniform finished thickness. When sufficiently hard, generally between 5 and 16 hours after application, the surface is scraped using a suitable tool, to a maximum uniform thickness of 25 mm.

Curing

A.26 Polythene sheeting is recommended for curing and should be arranged to hang clear of the face of the wall in such a way that it does not form a tunnel through which the wind could increase the evaporation of water from the render. The polythene sheeting must not be in intermittent contact with the product as this will produce a patchy appearance.

A.27 Care must be taken to protect the render from drying too rapidly owing to exposure to direct sunlight or drying wind. In these conditions, the applied render should be damped down or gently sprayed with water occasionally during the first three days after application, to ensure complete hydration of the cement.

Finishing

A.28 Other finishes may be produced. Advice on how to achieve these should be sought from the Certificate holder, but such advice is outside the scope of this Certificate.

Bibliography

BS 3177 : 1959 *Method for determining the permeability to water vapour of flexible sheet materials used for packaging*

BS EN 772-5 : 2016 *Methods of test for masonry units — Determination of the active soluble salts content of clay masonry units*

BS EN 998-1 : 2016 *Specification for mortar for masonry — Rendering and plastering mortar*

BS EN 1996-2 : 2006 *Eurocode 6 — Design of masonry structures — Design considerations, selection of materials and execution of masonry*

NA to BS EN 1996-2 : 2006 UK National Annex to Eurocode 6 — *Design of masonry structures — Design considerations, selection of materials and execution of masonry*

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

BS EN 13914-1 : 2016 *Design, preparation and application of external rendering and internal plastering — External rendering*

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

BS EN ISO 14001 : 2015 *Environmental management systems — Requirements with guidance for use*

PD 6697 : 2019 *Recommendations for the design of masonry structures to BS EN 1996-1-1 and BS EN 1996-2*

MOAT 22 : 1988 *UEAtc Directives for the Assessment of External Insulation Systems for Walls (Expanded Polystyrene Insulation Faced with a Thin Rendering)*

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
- 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.

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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