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Agrément Certificate

02/3961

Product Sheet 5 Issue 6

WYKAMOL CHEMICAL DAMP-PROOFING SYSTEMS

WYKAMOL RENOVATION PLASTER

This Agrément Certificate Product Sheet⁽¹⁾ relates to Wykamol Renovation Plaster, for the replastering of existing internal walls following the installation of a chemical damp-proof course (DPC) system.

(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 system described herein. This system 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 Sixth issue: 29 August 2024

Originally certified on 4 December 2002

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 Wykamol Renovation Plaster, if installed, used and maintained in accordance with this Certificate, in an existing building is not subject to the national Building Regulations.

Additional Information

NHBC Standards 2024

In the opinion of the BBA, Wykamol Renovation Plaster, 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 9.2 *Wall and ceiling finishes*.

Fulfilment of Requirements

The BBA has judged Wykamol Renovation Plaster to be satisfactory for use as described in this Certificate. The system has been assessed as a replastering system for use on existing internal walls following the installation of a remedial chemical DPC.

ASSESSMENT

Product description and intended use

The Certificate holder provided the following description for the system under assessment. Wykamol Renovation Plaster consists of a pre-mixed, cement-based, lightweight plaster containing perlite aggregate and water-repellent additives.

Product assessment – key factors

The system 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

Data were assessed for the following characteristics.

1.1 Resistance to impact

1.1.1 Resistance to impact was assessed on the basis of existing data for representative related systems.

1.1.2 On the basis of the data assessed, the system has good resistance to mechanical damage.

2 Safety in case of fire

Not applicable.

3 Hygiene, health and the environment

Data were assessed for the following characteristics.

3.1 Effectiveness against efflorescence

3.1.1 Results of resistance to salt transfer test is given in Table 1.

System assessed	Assessment method	Requirement	Result
Wykamol Renovation Plaster	Resistance to salt transfer to a BBA method	No significant salt penetration	Pass

3.1.2 On the basis of data assessed, the system forms an effective barrier against salt transfer.

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 system were assessed based on a representative related system.

8.2 Service life

Under normal service conditions, the system will have a life equivalent to traditional plastering to BS 8481 : 2006 and BS EN 13914-2 : 2016, provided it is designed, installed and maintained in accordance with this Certificate and the Certificate holder's instructions.

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 specified in this Certificate.

9.1.2 Replastering must commence after a minimum period of 14 days from installation of the remedial DPC.

9.1.3 If the background is impermeable and offers little suction (e.g. where rising damp has occurred in the mortar joints) the joints must be raked out to provide a mechanical key and/or SBR Latex bonding primer must be applied to the surface and the wall must be replastered immediately.

9.1.4 Normal methods for fixing and chasing are used, but the surface must be restored using Wykamol Renovation Plaster.

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 and the Certificate holder's instructions. A summary of instructions and guidance is provided in Annex A of this Certificate.

9.2.3 Installation of Wykamol Renovation Plaster must be carried out in accordance with BS 6576 : 2005.

9.2.4 The standard of installation must comply with BS 8481 : 2006 and BS EN 13914-2 : 2016.

9.2.5 A remedial chemical damp-proofing treatment (is conducted in accordance with BS 6576 : 2005 and the Property Care Association COP 09/09 : 1997 *Code of Practice for Installation of Remedial Damp-proof Courses in Masonry Walls*).

9.2.6 The plaster must be mixed with clean water in clean containers, by hand or mechanically, to a normal plastering consistency. Over-mixing must be avoided, and hand-mixing is preferably conducted in a trough using a hoe or plasterer's drag.

9.2.7 The system must be applied at a thickness of between 10 and 15 mm using the normal procedures defined in BS EN 13914-2 : 2016, and the surface lightly scratched and allowed to dry for at least 24 hours.

9.2.8 The plaster must be applied no lower than the level of the DPC, using a timber batten to achieve this if necessary.

9.2.9 The application is finished using 2 mm of a finishing plaster, but the performance of a specific finishing plaster is outside the scope of this Certificate.

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 system must be carried out by the damp-proof contractor or its agent.

9.4 Maintenance and repair

9.4.1 As the system is always covered with a suitable finishing coat and has suitable durability, maintenance is not required.

9.4.2 Any damage can be repaired by re-applying the system in accordance with section 9.2.

10 Manufacture

10.1 The production processes for the system 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 system 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 system is packaged in 20 kg paper sacks with a label bearing the system name, Certificate holder's name and address, and gross weight.

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 system must be stored in a cool, dry conditions.

ANNEX A – SUPPLEMENTARY INFORMATION

Supporting information in this Annex is relevant to the system 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 system and/or components 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).

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 by Garek Assured (Certificate 0711/1104/116G).

Additional information on installation

Dry-lining methods

A.1 In certain circumstances replastering of walls following chemical DPC insertion is not feasible, eg on extremely friable wall surfaces or uneven wall profiles. Where dry lining is to be carried out this must be in accordance with the manufacturer's recommendations. Care should be taken to ensure that gypsum-based adhesives are not used in 'dot and dab' applications directly onto the wall surface. Timber used as battens must be pre-treated and all cut ends re-treated on site. Ventilation must be provided behind the system until the walls have dried out, to reduce the possibility of condensation within the void.

A.2 On walls which are persistently damp owing to the presence of high concentrations of hygroscopic salts, normal dry-lining methods are unsuitable. However, in such cases reinstatement can proceed in conjunction with a BBA-approved ventilated dry lining system, based on a high-density polyethylene (HDPE) membrane which provides a vapour impermeable surface suitable for conventional plastering and/or dry-lining techniques.

A.3 The following general information should also be observed:

- the amount of gauging water in the undercoats should be a minimum consistent with reasonable application
- undercoats based on gypsum must never be used in this type of application
- it is recommended that the undercoats be scrape finished to minimise the risk of cracking
- a strong mix is never applied over a weak mix or backing
- where scratch coats are to be left as a finish, a high-quality wood float finish may be used. However, it is preferable to scrape the finish to a textured surface
- finishing plaster is not recommended if the surface is to be tiled.

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

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

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

Property Care Association COP 09/09 : 1997 *Code of Practice for Installation of Remedial Damp-proof Courses in Masonry Walls*

Conditions of Certificate

Conditions

1 This Certificate:

- relates only to the 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.

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 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.

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 system or any other product
- the right of the Certificate holder to manufacture, supply, install, maintain or market the system
- actual installations of the system, including their nature, design, methods, performance, workmanship and maintenance
- any works and constructions in which the system is installed, including their nature, design, methods, performance, workmanship and maintenance
- any loss or damage, including personal injury, howsoever caused by the system, 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 system which is contained or referred to in this Certificate is the minimum required to be met when the 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.