

## IKO PLC

Appley Lane North  
Appley Bridge  
Wigan  
Lancashire WN6 9AB

Tel: 01257 256 864

e-mail: technical.uk@iko.com

website: www.ikogroup.co.uk



**Agrément Certificate**

**95/3133**

Product Sheet 1 Issue 9

## IKO DAMP-PROOF COURSES

### IKO HYLOAD ORIGINAL DAMP-PROOF COURSE

This Agrément Certificate Product Sheet<sup>(1)</sup> relates to IKO Hyload Original Damp-Proof Course, for use in providing horizontal, vertical or stepped damp-proof courses (DPCs), including cavity trays, in either solid, or cavity external walls of brick, block, stone or concrete, in masonry, timber or lightweight steel frame constructions.

(1) Hereinafter referred to as 'Certificate'.

#### The assessment includes

##### Product factors:

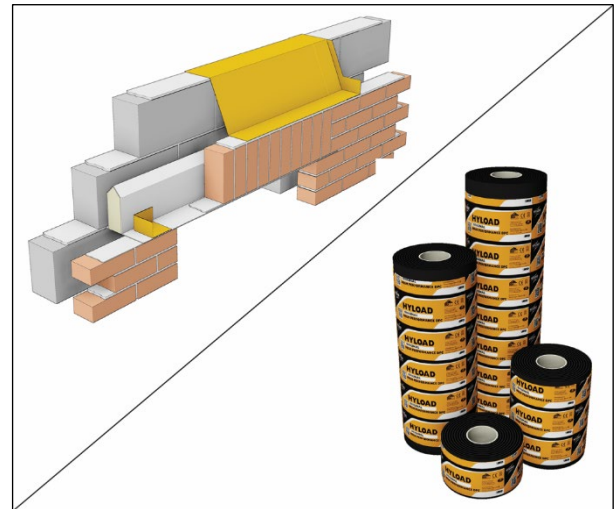
- compliance with Building Regulations
- compliance with additional regulatory or non-regulatory information where applicable
- evaluation against technical specifications
- assessment criteria and technical investigations
- uses and design considerations

##### Process factors:

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

##### Ongoing contractual Scheme elements†:

- regular surveillance of production†
- formal three-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 Ninth issue: 1 July 2024

Originally certified on 7 September 1995

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.*

#### British Board of Agrément

1<sup>st</sup> Floor, Building 3, Hatters Lane  
Croxley Park, Watford  
Herts WD18 8YG

©2024

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

## 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 IKO Hyload Original Damp-Proof Course, 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>A1</b>	<b>Loading</b>
Comment:		The product will contribute to satisfying this Requirement. See section 1 of this Certificate.
<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>Requirement:</b>	<b>C2(a)(b)</b>	<b>Resistance to moisture</b>
Comment:		The product, including joints, will contribute to satisfying this Requirement. See section 3 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.



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

<b>Regulation:</b>	<b>8(1)</b>	<b>Fitness and durability of materials and workmanship</b>
Comment:		The product can contribute to a construction satisfying this Regulation. See sections 8 and 9 of this Certificate.
<b>Regulation:</b>	<b>9</b>	<b>Building standards – construction</b>
Standard:	1.1(a)(b)	Structure
Comment:		The product will contribute to satisfying this Standard, with reference to clauses 1.1.1 <sup>(1)(2)</sup> and 1.1.3 <sup>(1)(2)</sup> . See section 1 of this Certificate.
Standard:	3.4	Moisture from the ground
Standard:	3.10	Precipitation
Comment:		The product, including joints, will contribute to satisfying these Standards, with reference to clauses 3.4.1 <sup>(1)(2)</sup> and 3.10.1 <sup>(1)(2)</sup> . See section 3 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 a bronze level of sustainability as defined in this Standard.
<b>Regulation:</b>	<b>12</b>	<b>Building standards – conversion</b>
Comment:		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>28(a)(b)</b>	<b>Resistance to moisture and weather</b>
<b>Comment:</b>		The product, including joints, will contribute to satisfying this Regulation. See section 3 of this Certificate.
<b>Regulation:</b>	<b>30(a)</b>	<b>Stability</b>
<b>Comment:</b>		The product will contribute to satisfying this Regulation. See section 1 of this Certificate.
<b>Regulation:</b>	<b>36(a)</b>	<b>External fire spread</b>
<b>Comment:</b>		The product is restricted by this Regulation, in some circumstances. See section 2 of this Certificate.

### Additional Information

#### NHBC Standards 2024

In the opinion of the BBA, IKO Hyload Original Damp-Proof Course, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements in relation to *NHBC Standards*, Chapters 6.1 *External masonry walls* and 6.2 *External timber framed walls*.

### Fulfilment of Requirements

The BBA has judged IKO Hyload Original Damp-Proof Course to be satisfactory for use as described in this Certificate. The product has been assessed for use in providing horizontal, vertical or stepped DPCs, including cavity trays, in either solid, or cavity external walls of brick, block, stone or concrete, in masonry, timber or lightweight steel frame constructions.

### ASSESSMENT

#### Product description and intended use

The Certificate holder provided the following description for the product under assessment. IKO Hyload Original Damp-Proof Course is a flexible black sheet material with grained surfaces. It consists of a mixture of PVC, synthetic fibres and other additives.

The product has the nominal characteristics given in Table 1.

*Table 1 Nominal characteristics of IKO Hyload Original Damp-Proof Course*

Characteristic (unit)	Value
Thickness (mm)	1.25
Mass per unit area (kg·m <sup>-2</sup> )	1.85
Roll length (m)	20
Roll width (mm) <sup>(1)</sup>	75, 100, 112.5, 125, 150, 225, 300, 337.5, 360, 450, 600, 900 and 1000

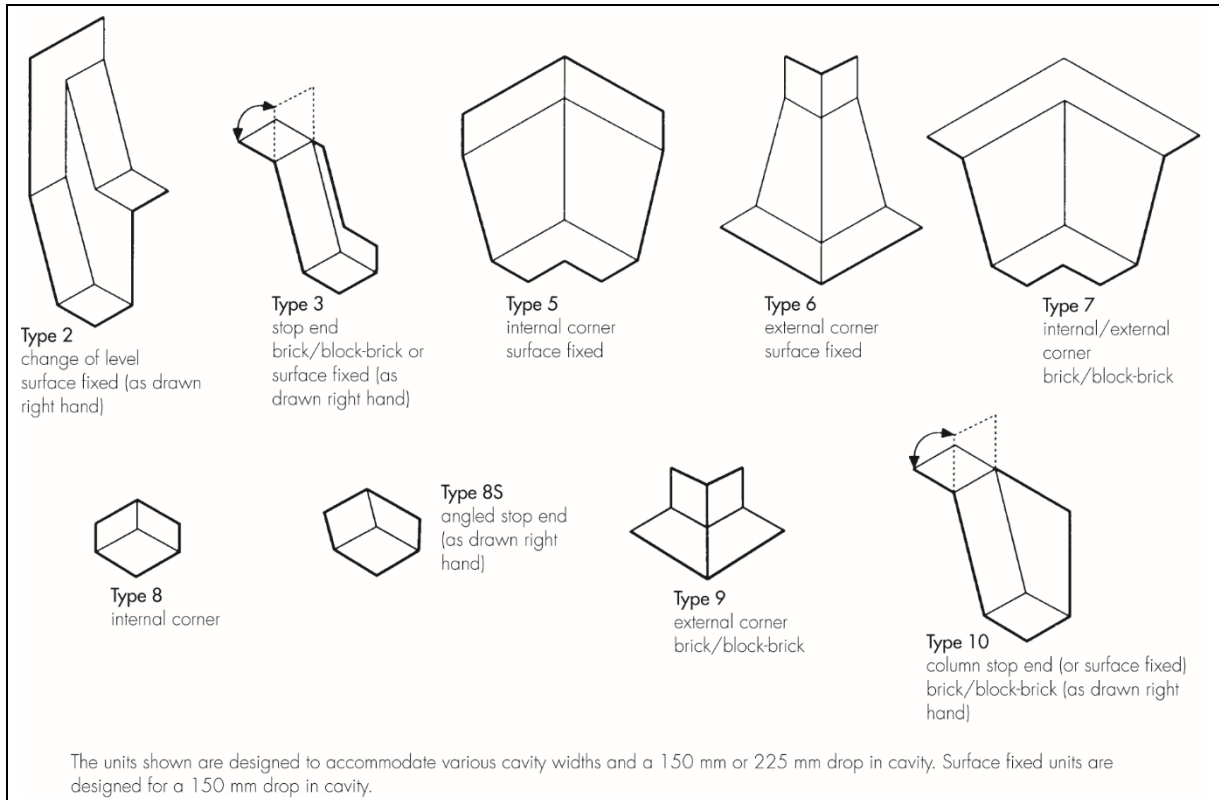
(1) Other dimensions are available on request.

## Ancillary Items

The following ancillary items are essential to use with the product and have been assessed with the product:

- Hyload Preformed Cloak Units — a range of preformed flexible units made from 1.5 mm polymer sheet for complex or awkward junctions where the product is used as a cavity tray. Typical designs are shown in Figure 1. Cloaks to other designs can be fabricated to order.

Figure 1 Hyload Preformed Cloak Units



- Hyload DPC Jointing Tape — a 100 mm wide double-sided self-adhesive tape, protected by a silicone release paper for joining IKO Hyload Original Damp-Proof Course to itself or to Hyload Preformed Cloak Units
- IKOpro Self Adhesive Bitumen Primer — used where required on concrete, brickwork, blockwork and steel
- IKO Rubershield Breathable Membrane (subject of BBA Certificate 15/5190) — a polypropylene breather membrane for use in timber and lightweight steel framed constructions
- Hyload DPC Mastic — a synthetic rubber mastic used for bonding Hyload Original Damp-Proof Course and Hyload Preformed Cloak Units to the inner leaf
- Hyload DPC Fixing Strip — used to provide surface fixing in cavity tray formation
- Hyload DPC Fixing Pins for masonry — used for fixing to the inner leaf
- Hyload DPC Fixing Pins for insulation — used for fixing to the rigid urethane foam insulation of lightweight framing systems.

## Product assessment – key factors

The product was assessed for the following key factors, and the outcome of the assessments 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 Behaviour under load

1.1.1 Results of behaviour under load tests are given in Table 2.

Table 2 Results of behaviour under load tests

Product assessed	Assessment method	Requirement	Result
IKO Hyload Original Damp-Proof Course	Shear strength to BS EN 1052-4 : 2000	Value achieved	
	Pre-compression:		
	0.2 N·mm <sup>-2</sup>		0.14 N·mm <sup>-2</sup>
	0.6 N·mm <sup>-2</sup>		0.26 N·mm <sup>-2</sup>
	1.0 N·mm <sup>-2</sup>		0.44 N·mm <sup>-2</sup>
	Flexural strength to DD 86-1 : 1983	Value achieved	0.13 N·mm <sup>-2</sup>

1.1.2 Shear strength of the joints of Hyload Preformed Cloak Units was assessed using test data from a representative related product.

1.1.3 On the basis of data assessed, the product will not extrude under load, up to the point of compressive failure of the wall and will not adversely affect the ability of a properly designed and built wall to sustain and transmit compression load.

1.1.4 The stability of a wall in respect of lateral loads must be checked by a suitable experienced and competent individual in relation to the stresses permitted between the product and the mortar.

### 2 Safety in case of fire

#### 2.1 Reaction to fire

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

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, other than when used as a cavity tray between two leaves of masonry, the product must not be used on buildings with a storey 18 m or more above ground level that contains: one or more dwellings, an institution, a room for residential purposes, student accommodation, care homes, hospitals, sheltered housing or dormitories in boarding schools.

2.1.4 In Wales and Northern Ireland, other than when used as a cavity tray between two leaves of masonry the product must not be used on buildings with a storey 18 m or more above ground level that contains: 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, hospitals, sheltered housing or dormitories in boarding schools, and additionally in Northern Ireland, nursing homes and places of lawful detention.

2.1.5 In Scotland, the use of the product is unrestricted in terms of height and proximity to a relevant boundary. However, restrictions on the overall construction may apply, depending on the reaction to fire classification achieved by the complete build-up, which must be established on a case-by-case basis.

### 3 Hygiene, health and the environment

Data were assessed for the following characteristics.

#### 3.1 Resistance to water and water vapour

3.1.1 The results of resistance to water and water vapour tests are given in Table 3.

Product assessed	Assessment method	Requirement	Result
IKO Hyload Original Damp-Proof Course	Water vapour transmission rate to BS 3177 : 1959	Value achieved	1.66 g·m <sup>-2</sup> ·day <sup>-1</sup>
	Water vapour resistance to BS 3177 : 1959	Value achieved	123.6 MN·s·g <sup>-1</sup>
	Water absorption at 23°C to BS 2782-4 : 430A : 1976	Value achieved	0.89%

3.1.2 The resistance of the product to liquid water was assessed from data on a representative related product.

3.1.3 On the basis of data assessed, the product, including joints, will provide an effective barrier against liquid water and water vapour.

#### 3.2 Resistance to mechanical damage

3.2.1 Results of resistance to mechanical damage tests are given in Table 4.

Product assessed	Assessment method	Requirement	Result
IKO Hyload Original Damp-Proof Course	Resistance to tear (nail tear) to BS EN 12310-1 : 2000	Value achieved	
	Longitudinal direction		268 N
	Transverse direction		264 N

3.2.2 Tensile properties and resistance to puncturing and splitting under simulated service conditions were assessed using test data from a representative related product.

3.2.3 Tensile properties and tear strength of Hyload Preformed Cloak Units were assessed using test data from a representative related product.

3.2.4 On the basis of data assessed, the product has sufficient strength properties to withstand the handling associated with installation and remain watertight.

### 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 5.

*Table 5 Results of low temperature flexibility tests*

Product assessed	Assessment method	Requirement	Result
IKO Hyload Original Damp-Proof Course	Low temperature flexibility to BS 2782-1 : 150B : 1976 (at -30°C)	No cracking	Pass

8.3 The effects of ageing, resistance to compression at high temperatures and resistance to puncturing and splitting under simulated service conditions were assessed using test data from a representative related product.

8.4 Low temperature flexibility of Hyload Preformed Cloak Units was assessed using test data from a representative related product.

8.5 Based on knowledge of the materials which make up the product, the product is compatible with the materials with which it will be in contact within normal construction. It is unaffected by timber preservatives of water-based solutions of salts. Where doubt exists as to the compatibility of materials in contact, the advice of the Certificate holder must be sought, but such advice is outside the scope of this Certificate.

### 8.6 Service life

Under normal service conditions, the product will have a life equivalent to the structure in which it is incorporated, 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 assessed in this Certificate.

9.1.2. Constructions incorporating the product must comply with the general standards of good design practice given in BS EN 1996-1-1 : 2022, BS EN 1996-1-2 : 2005, BS EN 1996-2 : 2006 and BS EN 1996-3 : 2023, and their UK National Annexes, and PD 6697 : 2019.

9.1.3 The presence of a DPC can reduce the shear and tensile (and therefore, bending) strengths of a wall at that point, and the design of the structure must take account of this.

### 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 must follow normal good practice for the detailing of DPCs, as set out in PD 6697 : 2019, and must be in accordance with the relevant clauses of BS 8000-0 : 2014, BS 8000-3 : 2020 and BS 8215 : 1991, the BRE Digest 380, the Certificate holder's instructions and this Certificate.

9.2.4 As with all flexible DPCs, care must be taken to avoid impact damage from sharp objects (eg trowels) during installation.

9.2.5 The DPC must extend through the full thickness of the wall or wall-leaf, including pointing, applied rendering or other facing material.

9.2.6 The DPC must be laid on a wet, even bed of mortar (perforations in adjacent courses of brickwork must be closed with mortar) and be laid flush or project beyond the finished face of the external leaf.

9.2.7 The DPC must always be sandwiched between wet mortar and not laid dry.

9.2.8 All lap joints in the DPC must have at least a 100 mm overlap and be completely sealed (see sections 9.2.12 to 9.2.16) and supported in accordance with the Certificate holder's instructions.

9.2.9 Hyload Preformed Cloak Units must be used at complex or awkward junctions of the cavity tray (for example, at corners or changes in level of the cavity tray).

9.2.10 Where used as a cavity tray, the DPC laps must be sealed.

9.2.11 When using the DPC with boot lintels or similar constructions, it is recommended that the material is installed to follow the lintel profile, where appropriate.

9.2.12 When used with beam and block flooring, the product may be laid dry on a brick or block wall provided the following conditions are met:

- the minimum bearing of the beams recommended by the flooring system manufacturer is achieved
- the dead and applied loads upon the DPC via the beam do not exceed  $2.5 \text{ N}\cdot\text{mm}^{-2}$
- the surface of the wall onto which the DPC and beam are to be installed is clean, smooth and free from projections or perforations. Failure to comply with this requirement could lead to perforation of the DPC. If the requirement cannot be met, the DPC should be laid in an even bed of mortar
- any loose aggregate is swept from the wall prior to the installation of the DPC and from the DPC prior to the installation of the beam.

9.2.13 Certain details are difficult to form from the DPC, particularly when bending material through two angles at the same time. In such cases, care must be taken to achieve a satisfactory seal and, where necessary, Hyload Preformed Cloak Units must be used.

9.2.14 The Certificate holder can advise on suitable materials for bonding the product to the inner leaf, and forming joints, but such advice and products are outside the scope of this Certificate.

9.2.15 IKO Hyload Original Damp-Proof Course is handled and cut as for conventional flexible DPCs. It retains sufficient flexibility to be used at the lowest temperature at which walls are normally built and does not become tacky in warm, ambient weather conditions.

9.2.16 As with most other DPC materials, damage can occur during the cleaning of mortar droppings from the DPC, unless care is taken. Recommendations to prevent damage are:

- the use of cavity battens to prevent excessive amounts of mortar reaching the DPC
- removal of mortar droppings before hardening
- that implements such as steel rods are not used for cleaning
- that DPCs are regularly inspected for damage as work proceeds.

### 9.3 Workmanship

Practicability of installation was assessed by the BBA and 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 general builder, or a contractor, experienced with this type of product.



## 9.4 Maintenance and repair

9.4.1 As the product is confined within the structure and has suitable durability, maintenance is not required.

9.4.2 Damaged areas of the product can be repaired prior to installation by cutting and/or replacing the damaged section, in accordance with section 9.2 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 rolls secured with a paper wrapper bearing the Certificate holder's name and the BBA logo incorporating the number of this Certificate.

11.2 Hyload Preformed Cloak Units are delivered in cardboard boxes. A label bearing a description of the contents and the BBA logo incorporating the number of this Certificate is affixed to each box.

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

11.3.1 Rolls must be stored on end and under cover.

11.3.2 Contact with organic solvents must be avoided.

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).

### UKCA marking

The Certificate holder has taken the responsibility of UKCA marking the product in accordance with Designated Standard EN 14909 : 2012.

### CE marking

The Certificate holder has taken the responsibility of CE marking the product in accordance with harmonised European Standard EN 14909 : 2012.

### 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 BSI (Certificate Q05233).

## Bibliography

BRE Digest 380 *Damp-proof courses*

BS 2782-1 : 150B : 1976 *Methods of testing plastics — Thermal properties — Determination of cold flex temperature of flexible polyvinyl compound*

BS 2782-4 : 430A : 1976 *Methods of testing plastics — Chemical properties — Determination of water absorption at 23°C*

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

BS 8000-0 : 2014 + A1: 2024 *Workmanship on building sites — Introduction and general principles*

BS 8000-3 : 2020 *Workmanship on building sites — Masonry — Code of practice*

BS 8215 : 1991 *Code of practice for design and installation of damp-proof courses in masonry construction*

BS EN 1052-4 : 2000 *Methods of test for masonry — Determination of shear strength including damp proof course*

BS EN 1996-1-1 : 2022 *Eurocode 6: Design of masonry structures — General rules for reinforced and unreinforced masonry structures*

NA to BS EN 1996-1-1 : 2022 UK National Annex to *Eurocode 6: Design of masonry structures — General rules for reinforced and unreinforced masonry structures*

BS EN 1996-1-2 : 2005 *Eurocode 6: Design of masonry structures — General rules — Structural fire design*

NA to BS EN 1996-1-2 : 2005 UK National Annex to *Eurocode 6: Design of masonry structures — General rules — Structural fire design*

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 1996-3 : 2023 *Eurocode 6: Design of masonry structures — Simplified calculation methods for unreinforced masonry structures*

NA to BS EN 1996-3 : 2023 UK National Annex to *Eurocode 6: Design of masonry structures — Simplified calculation methods for unreinforced masonry structures*

BS EN 12310-1 : 2000 *Flexible sheets for waterproofing — Determination of resistance to tearing (nail shank) — Bitumen sheets for roof waterproofing*

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

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

DD 86-1 : 1983 *Damp-proof courses — Methods of tests for flexural bond strength and short term shear strength*

EN 14909 : 2012 *Flexible sheets for waterproofing — Plastic and rubber damp proof courses — Definitions and characteristics*

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

### 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.