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**Agrément Certificate**

**08/4577**

Product Sheet 1 Issue 5

## UBBINK FLASHINGS

### UBIFLEX B3 WATERPROOF FLASHING

This Agrément Certificate Product Sheet<sup>(1)</sup> relates to Ubiflex B3 Waterproof Flashing, a reinforced bitumen, for use as waterproofing in flashing applications on flat and pitched roofs, as an alternative to lead flashing.

(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 Fifth issue: 28 February 2024  
Originally certified on 4 August 2008

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 Ubiflex B3 Waterproof Flashing, 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 in some circumstances. See section 2 of this Certificate.
<b>Requirement:</b>	<b>B4(2)</b>	<b>External fire spread</b>
Comment:		The product may be restricted by this Requirement. See section 2 of this Certificate.
<b>Requirement:</b>	<b>C2(b)</b>	<b>Resistance to moisture</b>
Comment:		The product will contribute to a roof 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.
<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 can contribute to a construction satisfying the requirements of this Regulation. 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> , in some circumstances. See section 2 of this Certificate.
Standard:	2.8	Spread from neighbouring buildings
Comment:		The product may be restricted by this Standard, with reference to clause 2.8.1 <sup>(1)(2)</sup> . See section 2 of this Certificate.
Standard:	3.10	Precipitation
Comment:		The product will contribute to a roof satisfying clauses 3.10.1 <sup>(1)(2)</sup> , 3.10.6 <sup>(1)(2)</sup> and 3.10.7 <sup>(1)(2)</sup> of this Standard. 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.

<b>Regulation:</b>	<b>12</b>	<b>Building standards - conversion</b>
<b>Comment:</b>		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 <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>28(b)</b>	<b>Resistance to moisture and weather</b>
<b>Comment:</b>		The product will contribute to a roof satisfying this Regulation. See section 3 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.
<b>Regulation:</b>	<b>36(b)</b>	<b>External fire spread</b>
<b>Comment:</b>		The product may be restricted by this Regulation. See section 2 of this Certificate.

## Additional Information

### NHBC Standards 2024

In the opinion of the BBA, Ubiflex B3 Waterproof Flashing, 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 6.8 *Fireplaces, chimneys and flues*, 7.1 *Flat roofs, terraces and balconies* and 7.2 *Pitched roofs*.

## Fulfilment of Requirements

The BBA has judged Ubiflex B3 Waterproof Flashing to be satisfactory for use as described in this Certificate. The product has been assessed for use as waterproofing in flashing applications on flat and pitched roofs such as abutments, chimneys, saddles, valleys and dormers to provide a weatherproof junction.

## ASSESSMENT

### Product description and intended use

The Certificate holder provided the following description for the product under assessment. Ubiflex B3 Waterproof Flashing is a modified bitumen sheet reinforced with an aluminium mesh with a finish of coloured granules on the upper surface and a kraft paper and film backing on the lower surface.

The product has the nominal characteristics given in Table 1.

**Table 1 Nominal Characteristics of Ubiflex B3 Waterproof Flashing**

Characteristic (unit)	Value								
Width (mm)	150	200	250	300	400	450	600	600	1000
Length (m)	6, 12	6, 12	6, 12	6, 12	6, 12	12	6	6	6
Roll weight (kg)	3.7, 7.2	4.8, 9.6	5.9, 12.0	7.0, 14.4	9.6, 19.2	21.6	12.0	14.0	24.0
Thickness (mm)	3.5								
Colour - upper surface	Black, terracotta and grey granules								

Ancillary Items

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

- Ubiflex High-Tack Sealant — an adhesive sealant compound for use in joints and for sealing onto tiles
- Ubiflex Fixing Clips and Ubiflex Gap Sealant — for use in fixing into chased pointing joints.

Applications

The product is intended for use on flat and pitched roofs in flashing applications such as:

- abutments
- saddles
- valleys
- dormers and chimneys to provide a weatherproof junction.

Definitions for products and applications inspected

The following terms are defined for the purpose of this Certificate as:

- pitched roof — a roof having a fall in excess of 1:6
- flat roof — a roof having a minimum finished fall of 1:80.

**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 Strength and stability

1.1.1 Results of strength and stability tests are given in Table 2.

**Table 2 Strength and stability results**

Product assessed	Assessment method	Requirement	Result	
Ubiflex B3 Waterproof Flashing	Dimensional stability to BS EN 1107-1 : 2000	No significant change in dimensions	Pass	
	Nail tear strength to BS EN 12310-1 : 2000	Value achieved	Longitudinal	340 N
			Transverse	415 N
	Resistance to impact to BS EN 12691 : 2006 at a drop height of 300 mm on	No perforation	EPS (soft substrate)	Pass
			Perlite (hard substrate)	Pass
	Flow resistance to EN 1110 : 1999 at 100°C	Value achieved	Longitudinal	0 mm
			Tensile properties to MOAT 64 : 2001	Value achieved
	Control	Value achieved	Longitudinal	445 N
			Transverse	1260N
			Elongation to MOAT 64 : 2001	Value achieved
	Control	Value achieved	Longitudinal	102%
			Transverse	22%
	Shear resistance of the joint to EN 12317-1 : 1999	Value achieved	750 N·(50mm) <sup>-1</sup>	
	Resistance to wind uplift with wind tunnel tests <sup>(1)</sup>	Value achieved		
Concrete flat tiles and Ubiflex High-Tack Sealant		49 m·s <sup>-1</sup>		

(1) Based on wind tunnel tests on the product including traditional code 4 lead flashing.

1.1.2 On the basis of data assessed, the product has suitable mechanical properties for its intended use.

## 2 Safety in case of fire

Data were assessed for the following characteristics.

### 2.1 External fire spread

2.1.1 The Certificate holder has not declared a resistance to external fire exposure for the product to BS EN 13501-5 : 2016.

2.1.2 On the basis of data assessed, the performance of the product must be assessed in the context of the overall roof construction. These specifications must therefore be evaluated by reference to the requirements of the documents supporting the relevant national Building Regulations and any consequent restrictions imposed by those documents, on a case-by-case basis.

### 2.2 Reaction to fire

2.2.1 Results of reaction to fire tests are given in Table 3.

**Table 3 Results of reaction to fire tests**

Product assessed	Assessment method	Requirement	Result
Ubiflex B3 Waterproof Flashing	Tested to EN ISO 11925-2 : 2002 and classified to EN 13501-1 : 2007	Value achieved	Class E <sup>(1)</sup>

(1) Classification report reference 0275-B-07/3, issued by BDA. The report is available upon request from the Certificate holder.

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

2.2.3 In England, the product, when used on walls or roofs with pitches of greater than 70°, excluding upstands, must not be used less than 1 m from a relevant boundary, on residential buildings more than 11 m in height or on other buildings more than 18 m in height. Restrictions apply on assembly and recreation buildings. These constructions must also be included in calculations of unprotected area.

2.2.4 In Wales and Northern Ireland, the product, when used on walls or roofs with pitches greater than 70°, excluding upstands, must not be used less than 1 m from a relevant boundary, or on other buildings more than 18 m in height. Restrictions apply on assembly and recreation buildings. These constructions must also be included in calculations of unprotected area.

2.2.5 In Scotland, the product, when used on walls or roofs with pitches greater than 70°, excluding upstands, must not be used on buildings 1 m or less from a relevant boundary or with a storey 11 m or more above the ground level or on some entertainment, assembly, hospital and residential care buildings. These constructions must also be included in calculations of unprotected area.

2.2.6 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, service penetrations and combustibility limitations for other materials and components used in the overall construction.

### 3 Hygiene, health and the environment

Data were assessed for the following characteristics.

#### 3.1 Weathertightness

3.1.1 Results of weathertightness tests are given in Table 4.

<i>Table 4 Results of weathertightness tests</i>			
Product assessed	Assessment method	Requirement	Result
Ubiflex B3 Waterproof Flashing	Water absorption to MOAT 66 : 2001	Value achieved	1.3 % change in weight
	Resistance to water penetration to BS EN 1928 : 2000	No leakage	Pass
	Water vapour permeability to BS 3177 : 1959 (1995) at 25°C/75% RH	Value achieved	0.18 g·m <sup>-2</sup> 24h <sup>-1</sup>
	Watertightness of the joint at BRL 1511 : 2004 with Hight-Tack sealant Control	No leakage	Pass

3.1.2 On the basis of data assessed, the product, when incorporated into a roofing system designed and installed in accordance with conventional good practice and this Certificate, will adequately resist the passage of moisture to the interior of the building and so contribute to the roof satisfying the requirements of the national Building Regulations.

### 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 durability tests*

Product assessed	Assessment method	Requirement	Results
Ubiflex B3 Waterproof Flashing	Tensile properties to MOAT 64 : 2001 UVB aged for 2000 hrs cycles of 4 hrs UVB at 50°C followed by 4 hrs condensation at 50°C Longitudinal	No significant deterioration	Pass
	Transverse	No significant deterioration	Pass
	Elongation to MOAT 64 : 2001 : UVB aged for 2000 hrs cycles of 4 hrs UVB at 50 °C followed by 4 hrs condensation at 50°C Longitudinal	No significant deterioration	Pass
	Transverse	No significant deterioration	Pass
	Low temperature flexibility to BS EN 495-5 : 2001 Heat aged at 80°C for 84 days	No cracks or fractures	Pass
	UV aged for 3024 h	No cracks or fractures	Pass
	Mineral loss due to brushing to EN 12039 : 1999 Aged for 3032 hours UVB to EN 1297 : 2004	Value achieved (loss)	14% (m/m)
	Watertightness of the joint at BRL 1511 : 2004 with Hight-Tack sealant Aged 28 days at 80°C to EN 1296 : 2001	No leakage	Pass
	Resistance to corrosion to EN ISO 6988 : 1994	No corrosion	Pass

### 8.3 Service life

Under normal service conditions, the product will have a life of at least 20 years, 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 Installation

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

9.1.2 Installation of Ubiflex B3 Waterproof Flashing must be strictly in accordance with the Certificate holder's instructions, the relevant recommendations of BS 5534 : 2014, BS 6229 : 2018, BS 8000-0 : 2014 and BS 8000-6 : 2023, and this Certificate. A summary of instructions and guidance are provided in Annex A of this Certificate.

9.1.3 Cutting and folding, including when working with a lead dresser, can be carried out at a minimum temperature of 5 or -10°C when only cutting and folding.

9.1.4 Foot traffic must be avoided or a protection board must be used when installing the product as a valley lining.

9.1.5 Joints must have a minimum overlap of 150 mm and must be sealed with Ubiflex High-Tack Sealant.

9.1.6 For flashing applications, the product is fitted into the pointing gap by at least 30 mm and held in place with Ubiflex Fixing Clips. Ubiflex Gap Sealant must be applied into the pointing gap to ensure the joint remains waterproof.

9.1.7 Upstands must be covered by at least 75 mm with the product and sealed with a continuous bead of Ubiflex High-Tack Sealant. The height of the upstand must be at least 150 mm.

9.1.8 Where double lap tiles or slates abut a wall they must be covered with a suitable stepped flashing, which must be 150 mm wide and cover the soakers by not less than 65 mm. The flashing must be sealed with a continuous bead of Ubiflex High-Tack Sealant. The Certificate holder can advise on suitable materials but such advice and materials are outside of the scope of this Certificate.

9.1.9 When applying to a lean-to roof or chimney in a pitched roof, the flashing must be turned up no less than 75 mm and extend down the slope at least 150 mm (200 mm for pitches below 25° or exposed areas), and sealed to the roof covering.

9.1.10 At the junction of chimney and ridge, a separate saddle flashing is required. The flashing must extend down both sides of the roof by no less than 150 mm and along the ridge by no less than 150 mm. The flashing edge which is beneath the ridge tile must be turned back to form a welted weather check.

9.1.11 Where the product is likely to come into contact with potentially corrosive chemicals (such as acids, alkali, oil or solvents), a test on the product must be conducted before proceeding. If any doubt arises, the Certificate holder's advice must be sought, but such advice is outside the scope of this Certificate.

## 9.2 Workmanship

Practicability of installation was assessed by the BBA, on the basis of the Certificate holder's information and a survey of known users. 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.

## 9.3 Maintenance and repair

9.3.1 There are no maintenance requirements, other than a regular visual check for damage. Damaged areas can be repaired by following the Certificate holder's instructions prior to completing the roof covering.

9.3.2 Damage to the product can be repaired prior to the installation of slates or tiles, by patching and sealing the damaged areas. Care must be taken to ensure that the watertightness of the roof is maintained.

# 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 boxed rolls bearing the size 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 upright, on a smooth, clean, dry surface, under cover and protected from sunlight.

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.

### Management Systems Certification for production

The management system of the manufacturer, has been assessed and registered as meeting the requirements of EN ISO 9001 : 2015 by KIWA (Certificate KSC-K55806/05).

### Additional information on installation

A.1 The product is worked the same way as lead flashing but without the need for protective measures. It can be cut with a sharp knife or snips.

## Bibliography

- BRL 1511 : 2004 *Track-shaped roofing systems - General provisions (Dutch Standard)*
- BS 3177 : 1959 (1995) *Method for determining the permeability to water vapour of flexible sheet materials used for packaging (PD 3839) (AMD 280)*
- BS 5534 : 2014 +A2: 2018 *Slating and tiling for pitched roofs and vertical cladding – Code of practice*
- BS 6229 : 2018 *Flat roofs with continuously supported flexible waterproof coverings*
- BS 8000-0 : 2014 *Workmanship on construction sites. Introduction and general principles*
- BS 8000-6 : 2023 *Workmanship on building sites. Code of practice for slating and tiling of roofs and walls*
- BS EN 495-5 : 2001 *Flexible Sheets For Waterproofing. Determination Of Foldability At Low Temperature. Plastic And Rubber Sheets For Roof Waterproofing*
- BS EN 1107-1 : 2000 *Flexible sheets for waterproofing - Determination of dimensional stability. Bitumen sheets for roof waterproofing*
- BS EN 1928 : 2000 *Flexible sheets for waterproofing. Bitumen, plastic and rubber sheets for roof waterproofing. Determination of watertightness*
- BS EN 12310-1 : 2000 *Flexible sheets for waterproofing. Determination of resistance to tearing (nail shank) Bitumen sheets for roof waterproofing*
- BS EN 12691 : 2006 *Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Determination of resistance to impact*
- BS EN 13501-5 : 2016 *Fire classification of construction products and building elements — Classification using data from external fire exposure to roof tests*
- EN 1110 : 1999 *Flexible sheets for waterproofing - Bitumen sheets for roof waterproofing - Determination of flow resistance at elevated temperature*
- EN 1296 : 2001 *Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roofing - Method of artificial ageing by long term exposure to elevated temperature*
- EN 1297 : 2004 *Flexible sheets for waterproofing. Bitumen, plastic and rubber sheets for roof waterproofing. Method of artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water*
- EN 12039 : 1999 *Flexible sheets for waterproofing - Bitumen sheets for roof waterproofing - Determination of adhesion of granules*
- EN 12317-1 : 1999 *Flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing - Determination of shear resistance of joints*
- EN 13501-1 : 2007 *Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire tests*
- EN ISO 6988 : 1994 *Metallic and other non-organic coatings - Sulphur dioxide test with general condensation of moisture*
- EN ISO 9001 : 2015 *International Standard for Quality Management Systems*
- EN ISO 11925-2 : 2002-02 *Reaction to fire tests — Ignitability of building products subjected to direct impingement of flame — Part 2: Single-flame source test*
- MOAT 64 : 2001 *UEAtc Technical Guide for the Assessment of Roof Waterproofing Systems made of Reinforced APP or SBS Polymer Modified Bitumen Sheets*
- MOAT 66 : 2001 *UEAtc Technical Guide for the Assessment of Non-Reinforced, Reinforced and/or Backed Roof Waterproofing Systems made of EPDM*

## 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.