Keystone Lintels Ltd
Ballyreagh Industrial Estate
Sandholes Road, Cookstown
Co Tyrone BT80 9DG

Tel: 028 8676 2184
e-mail: info@keystonelintels.co.uk
website: www.keystonelintels.co.uk

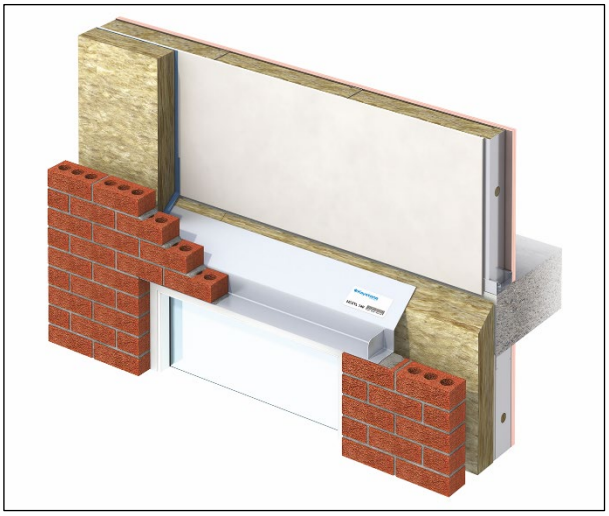
Agrément Certificate
24/7284
Product Sheet 1 Issue 1

KEYSTONE LINTELS

KEYSTONE LINTELS NON-COMBUSTIBLE CAVITY TRAY LINTELS

This Agrément Certificate Product Sheet(1) relates to Keystone Lintels Non-Combustible Cavity Tray Lintels, galvanized steel or stainless steel, for use in external masonry walls to provide a combined support and cavity tray to walls above window or door openings.

(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 products described herein. These products have been assessed by the BBA as being fit for their intended use provided they are installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Date of issue: 11 March 2025

Hardy Giesler
Chief Executive Officer

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

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

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

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

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

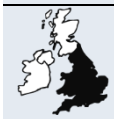
British Board of Agrément
1st Floor, Building 3, Hatters Lane
Croxley Park, Watford
Herts WD18 8YG
tel: 01923 665300
clientservices@bbacerts.co.uk
www.bbacerts.co.uk

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 Keystone Lintels Non-Combustible Cavity Tray Lintels, 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:	**A1**	**Loading**
Comment:		The products can contribute to satisfying this Requirement. See section 1 of this Certificate.
Requirement:	**B3(1)(4)**	**Internal fire spread (structure)**
Comment:		The products can be incorporated in a construction satisfying this Requirement. See section 2 of this Certificate.
Requirement:	**C2(b)**	**Resistance to moisture**
Comment:		The products can be incorporated in a construction satisfying this Requirement. See sections 3 and 9 of this Certificate.
Regulation:	**7(1)**	**Materials and workmanship**
Comment:		The products are acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**7(2)**	**Materials and workmanship**
Comment:		The products are unrestricted by this Requirement. 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 products are acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**8(3)**	**Fitness and durability of materials and workmanship**
Comment:		The products are unrestricted by this Regulation. See section 2 of this Certificate.
Regulation:	**9**	**Building standards – construction**
Standard:	1.1(a)(b)	Structure
Comment:		The products are acceptable, with reference to clauses 1.1.1$^{(1)(2)}$ and 1.1.2$^{(1)(2)}$ of this Standard. See section 1 of this Certificate.
Standard:	2.3	Structural protection
Comment:		The products can be incorporated in a construction satisfying this Standard, with reference to clauses 2.3.1$^{(1)(2)}$ and 2.3.3$^{(1)(2)}$ and Annexes 2A$^{(1)}$, 2B$^{(1)}$, 2D$^{(2)}$ and 2E$^{(2)}$. See section 2 of this Certificate.
Standard:	2.4	Cavities
Comment:		The products can contribute to satisfying this Standard, with reference to clause 2.4.2$^{(1)(2)}$. See section 2 of this Certificate.
Standard:	3.10	Precipitation
Comment:		The products are acceptable, with reference to clause 3.10.1$^{(1)(2)}$ of this Standard. See sections 3 and 9 of this Certificate.

Standard:	7.1(a)(b)	Statement of sustainability
Comment:		The products 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. In addition, the products can contribute to a construction meeting a higher level of sustainability as defined in this Standard, with reference to clauses 7.1.4[(1)], 7.1.6[(1)(2)], 7.1.7[(1)], 7.1.9[(2)] and 7.1.10[(2)].
Regulation:	**12**	**Building standards – conversion**
Comment:		All comments given for the products 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) (iii)(b)(i)(ii)**	**Fitness of materials and workmanship**
Comment:		The products are acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**23(2)**	**Fitness of materials and workmanship**
Comment:		The products are unrestricted by this Regulation. See section 2 of this Certificate.
Regulation:	**28(b)**	**Resistance to moisture and weather**
Comment:		The products can be incorporated in a construction satisfying this Regulation. See sections 3 and 9 of this Certificate.
Regulation:	**30**	**Stability**
Comment:		The products are acceptable. See sections 1 and 9 of this Certificate.
Regulation:	**35(1)(4)**	**Internal fire spread – structure**
Comment:		The products can be incorporated in a construction satisfying this Regulation. See section 2 of this Certificate.

Additional Information

NHBC Standards 2025

In the opinion of the BBA, Keystone Lintels Non-Combustible Cavity Tray Lintels, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements in relation to *NHBC Standards* 2025, Chapter 6.1 *External masonry walls*.

Fulfilment of Requirements

The BBA has judged Keystone Lintels Non-Combustible Cavity Tray Lintels to be satisfactory for use as described in this Certificate. The products have been assessed as galvanized steel or stainless steel cavity tray lintels, for use in external masonry walls to provide a combined support and cavity tray to walls above window or door openings.

ASSESSMENT

Product description and intended use

The Certificate holder provided the following description for the products under assessment. Keystone Lintels Non-Combustible Cavity Tray Lintels consist of:

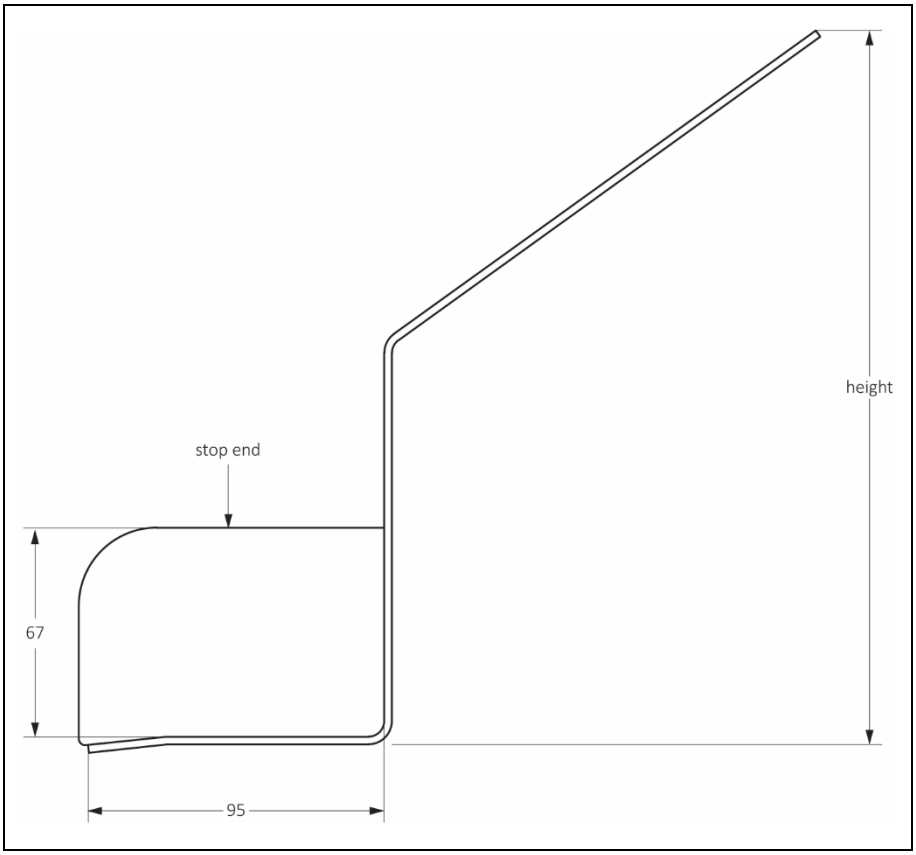
- steel coil or sheet — cut to length to provide blanks from which the cavity tray lintels are formed by press-braking:
  - cold formed galvanized steel**,** self-coloured grade S275JR steel to BS EN 10025-2 : 2019, post-galvanized with minimum 100 µm zinc coating (710 g·m^{-2})
  - stainless steel grade 304 or 316 to BS EN 10088-2 : 2014
- stop-ends — in the same material as the cavity tray lintel, mechanically fixed by welding to each end of the product, with inset positions based on a standard 215 mm stretcher bond for the masonry above.

The products are available in a range of lengths from 985 to 3460 mm, with lintel cavity widths ranging from 50 to 140 mm, with each width available in three loading duty options:

- NCCTL: standard duty
- HDNCCTL: heavy duty
- XHDNCCTL: extra heavy duty.

The products have the nominal characteristics given in Figure 1 and Tables 1 to 3.

Figure 1 Keystone Lintels Non-Combustible Cavity Tray Lintel profile



Ancillary Items

The Certificate holder recommends the following ancillary items for use with the products, but these materials have not been assessed by the BBA and are outside the scope of this Certificate:

- brick or block masonry units to BS EN 771 : 2011, Parts 1 to 6
- bricklaying mortar to BS EN 998-2 : 2016
- cavity closer — in the same material as the cavity tray lintel, available on request
- vapour permeable membrane
- wall insulation
- wall ties
- weep vents.

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 characteristic.

1.1 Behaviour under loading

1.1.1 The tabulated safe working loads in Tables 1 to 3 of this Certificate have been determined from tests to BS EN 845-2 : 2013 and BS EN 846-9 : 2016, and are the lesser of:

- test failure load divided by 1.6
- test load causing a vertical or horizontal deflection of 1/325 times the effective span.

Table 1 Keystone Lintels Non-Combustible Cavity Tray Lintel safe working loads — 50 mm cavity widths

	Opening widths (mm)		
NCCTL-50 (standard duty)	460 to 1472	1585 to 1922	2035 to 3047
Height of lintel (mm)	179	229	279
Thickness of lintel (mm)	2.0	2.5	3.0
UDL (kN)	5	7	6
Weight ($kg \cdot m^{-1}$)	4.58	6.75	9.33
HDNCCTL-50 (heavy duty)			
Height of lintel (mm)	229	279	279
Thickness of lintel (mm)	2.5	3.0	5.0
UDL (kN)	12	14	15
Weight ($kg \cdot m^{-1}$)	6.75	9.33	15.43
XHDNCCTL-50 (extra heavy duty)			
Height of lintel (mm)	279	279	—
Thickness of lintel (mm)	3.0	5.0	—
UDL (kN)	24	36	—
Weight ($kg \cdot m^{-1}$)	9.33	15.43	—

Table 2 Keystone Lintels Non-Combustible Cavity Tray Lintel safe working loads — 100 mm cavity widths

	Opening widths (mm)		
NCCTL-100 (standard duty)	460 - 1472	1585 - 1922	2035 - 3047
Height of lintel (mm)	179	229	279
Thickness of lintel (mm)	2.0	2.5	3.0
UDL (kN)	6	8	7
Weight ($kg \cdot m^{-1}$)	5.08	7.37	10.07
HDNCCTL-100 (heavy duty)			
Height of lintel (mm)	229	279	279
Thickness of lintel (mm)	2.5	3.0	5.0
UDL (kN)	13	17	15
Weight ($kg \cdot m^{-1}$)	7.37	10.07	16.57
XHDNCCTL-100 (extra heavy duty)			
Height of lintel (mm)	279	279	—
Thickness of lintel (mm)	3.0	5.0	—
UDL (kN)	26	36	—
Weight ($kg \cdot m^{-1}$)	10.07	16.57	—

Table 3 Keystone Lintels Non-Combustible Cavity Tray Lintel safe working loads — 140 mm cavity widths

	Opening widths (mm)		
NCCTL-140 (standard duty)	460 - 1472	1585 - 1922	2035 - 3047
Height of lintel (mm)	179	229	279
Thickness of lintel (mm)	2.0	2.5	3.0
UDL (kN)	6	10	8
Weight ($kg \cdot m^{-1}$)	5.57	7.98	10.80
HDNCCTL-140 (heavy duty)			
Height of lintel (mm)	229	279	279
Thickness of lintel (mm)	2.5	3.0	5.0
UDL (kN)	13	17	18
Weight ($kg \cdot m^{-1}$)	7.98	10.80	17.80
XHDNCCTL-140 (extra heavy duty)			
Height of lintel (mm)	279	279	—
Thickness of lintel (mm)	3.0	5.0	—
UDL (kN)	26	36	—
Weight ($kg \cdot m^{-1}$)	10.80	17.80	—

1.2 On the basis of data assessed, Keystone Lintels Non-Combustible Cavity Tray Lintels have adequate strength and stiffness to sustain the uniformly distributed working loads and lintel lengths given in Table 1, subject to the following conditions:

- the specified loads given in Table 1 relate to simply supported lintels laterally and torsionally unrestrained. Therefore, there are no requirements for composite action with, or restraint by, adjacent elements of construction
- the applied loads are assumed to act uniformly distributed along the length of the lintel
- where part of the loading is applied as concentrated loads, each concentrated load must be supported over a length of lintel of not less than 200 mm. In such cases, the total applied loading must not produce bending moments, shear forces or reactions greater than those produced by the uniformly distributed loads specified in Table 1.

2 Safety in case of fire

Data were assessed for the following characteristics.

2.1 Reaction to fire

2.1.1 Galvanized and stainless steel profiles have a reaction to fire classification of A1 to BS EN 13501-1 : 2018.

2.1.2 On the basis of data assessed, Keystone Lintels Non-Combustible Cavity Tray Lintels will be unrestricted under the documents supporting the national Building Regulations.

2.2 Resistance to fire

2.2.1 A construction incorporating the products achieved the period of fire resistance in terms of load bearing capacity in Table 4.

Table 4 Fire resistance in terms of load bearing capacity

Product	Assessment method/report	Construction	Result
NCCTL-140(1)(2)	BS EN 1363-1 : 2020 Warringtonfire test report WF Report No. 526744/R, Issue No.2(3)	48 x 92 mm softwood timber frame window 1585 mm opening to brickwork piers 100 mm single skin external brick leaf 150 mm cavity, partially filled with 50 mm ProRox SL 920 mineral fibre slab DUPONT Tyvek Firecurb flame retardant breather membrane, draped over product 12.5 mm Glasroc X sheathing board Lightweight steel framing system (LSFS), formed from 90 x 50 x 1.2 mm steel C studs Two layers 15 mm Gyproc Fireline	Minimum 2 hr fire resistance in terms of load bearing capacity

(1) 229 mm high, 2.5 mm thick, 2100 mm long, NCCTL-140 Non-Combustible Cavity Tray Lintel in Grade 304 stainless steel.
(2) Supporting an applied load at a 1:1 ratio of 10 kN. 150 mm bearing at one end, 375 mm bearing to the other end.
(3) Available from the Certificate holder.

2.2.2 Where a wall incorporating the products, other than in the construction shown in Table 4, is required to achieve a period of fire resistance, its performance must be confirmed by a suitably experienced and competent individual or by a test from a suitably accredited laboratory.

3 Hygiene, health and the environment

Data were assessed for the following characteristics.

3.1 Resistance to weather

3.1.1 The effectiveness of the products to discharge water was assessed, based on the test data of a representative system, and the results can be found in Table 5 of this Certificate.

Table 5 Effectiveness of water discharge

Product assessed	Assessment method	Requirement	Result
Keystone Lintels Non-Combustible Cavity Tray Lintels	One hour water spray to a BBA method	No leaks	Pass

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

The steel components can be recycled.

8 Durability

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

8.2 Specific test data were assessed for the following.

8.2.1 The products' materials were assessed to BS EN 845-2 : 2013, and the results are given in Table 6 of this Certificate.

Table 6 Material coating references

Product assessed	Assessment method	Requirement	Material coating reference
Post-galvanized grade S275JR steel	BS EN 845-2 : 2013	Declared value	L10
Grade 304 stainless steel			L3
Grade 316 stainless steel			L1

8.2.2 On the basis of Table 6 of this Certificate and PD 6697 : 2019, Keystone Lintels Non-Combustible Cavity Tray Lintels in post-galvanized grade S275JR steel will be suitable for use in an outer leaf of an external cavity wall without the need to provide a separate damp-proof course (DPC), for buildings up to three storeys in a non-aggressive environment.

8.2.3 On the basis of Table 6 of this Certificate and PD 6697 : 2019, Keystone Lintels Non-Combustible Cavity Tray Lintels in grade 304 stainless steel will be suitable for use in an outer leaf of an external cavity wall without the need to provide a separate DPC, for buildings over three storeys in a non-aggressive environment.

8.2.4 On the basis of Table 6 of this Certificate and PD 6697 : 2019, Keystone Lintels Non-Combustible Cavity Tray Lintels in grade 316 stainless steel will be suitable for use in an outer leaf of an external cavity wall without the need to provide a separate DPC, for buildings over three storeys in aggressive environments eg coastal sites.

8.3 The inner leaf vapour permeable membrane, if required, must be lapped on to the product to bridge the cavity.

8.4 Service life

Under normal service conditions, the products will have a life equivalent to the building in which they are incorporated, with a minimum period of 60 years, provided they are 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 Structures of brickwork or blockwork in which the cavity tray lintels are incorporated must be designed and constructed to comply with BS EN 1996-1-1 : 2022, BS EN 1996-1-2 : 2005, BS EN 1996-2 : 2006 and BS EN 1996-3 : 2006, and their UK National Annexes, and the national Building Regulations.

9.1.3 Guidance on the assessment of loads on lintels in masonry is given in BS EN 845-2 : 2013 and PD 6697 : 2019. It is the responsibility of the designer to ensure that the applied loads do not exceed the safe working loads given in Tables 1 to 3 of this Certificate.

9.1.4 The products are available in cavity widths ranging from 50 to 140 mm, ensuring a minimum cavity width coverage of 75%.

9.1.5 It is essential that walls incorporating the products are rain resistant and show no sign of water ingress. Careful attention must be paid to joints and junctions in and between components and elements.

9.1.6 Weep-vents must be provided in the outer leaf above the products to drain moisture from the cavity. A minimum of two weep-vents must be provided per product. For fair-faced masonry, weep-vents must be provided at centres not greater than 450 mm. As per *NHBC Standards* 2025, Chapter 6.1 *Render*, weep-vents are also required in zones of 'severe' or 'very severe' exposure to driving rain where rendering is returned into the window or door head. Weep-vents are not required where the render is not returned.

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 The products must be installed with minimum 150 mm end bearing dimensions and be fully bedded on bricklaying mortar, levelled along their length and width, see Figures 2 to 4.

Figure 2 Stop-end detail for brick stretcher course

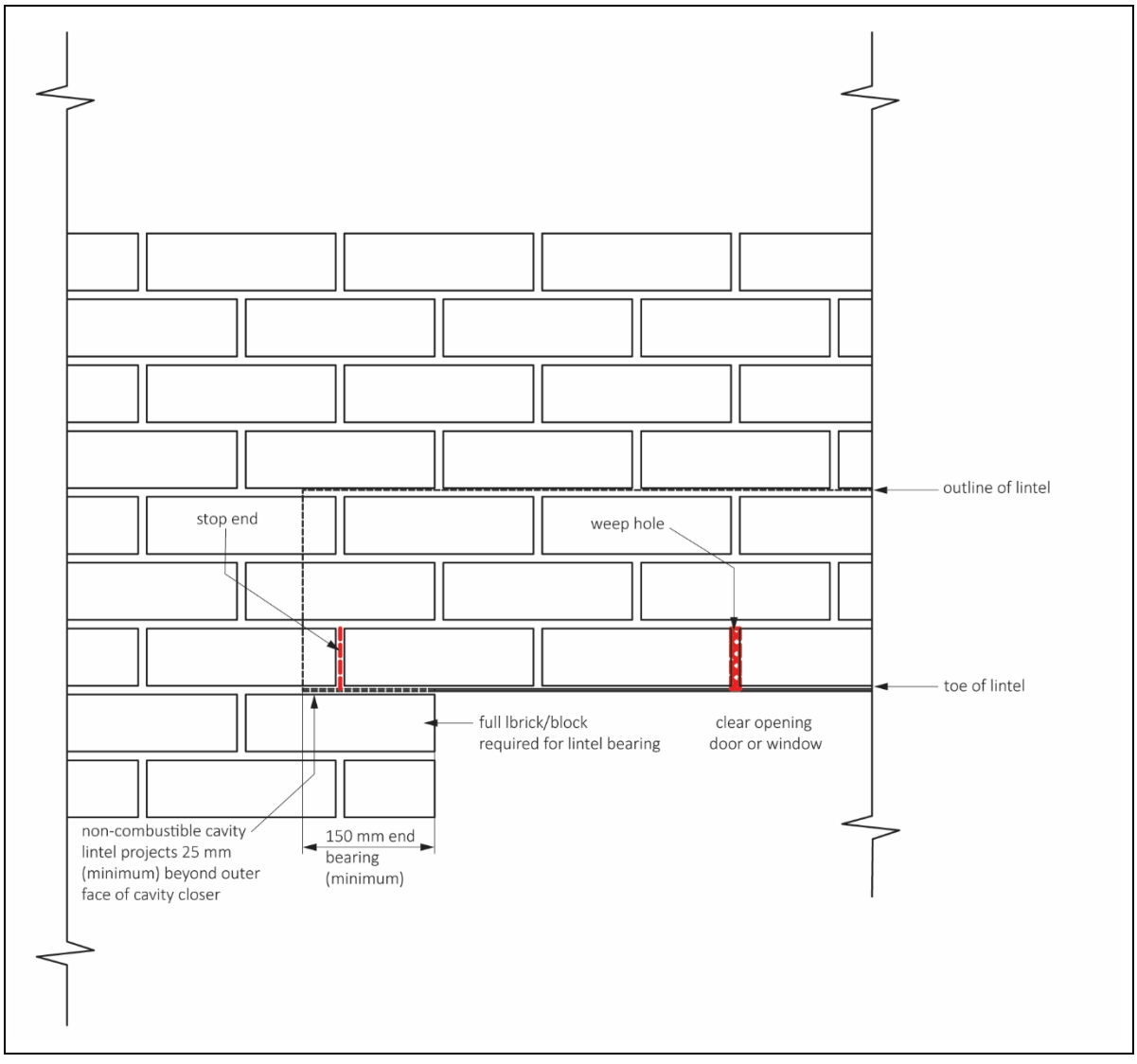
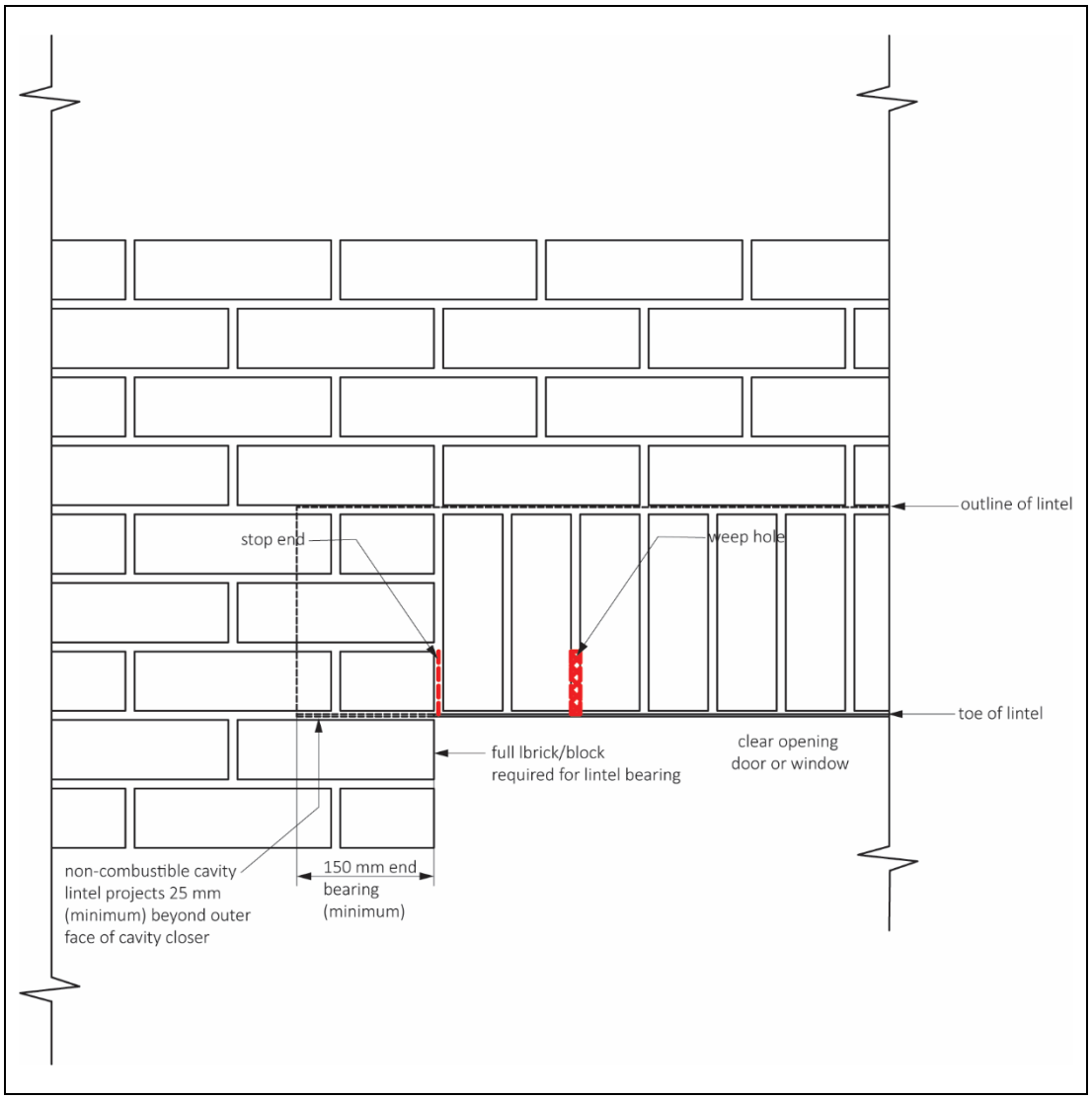


Figure 3 Stop-end detail for brick soldier course

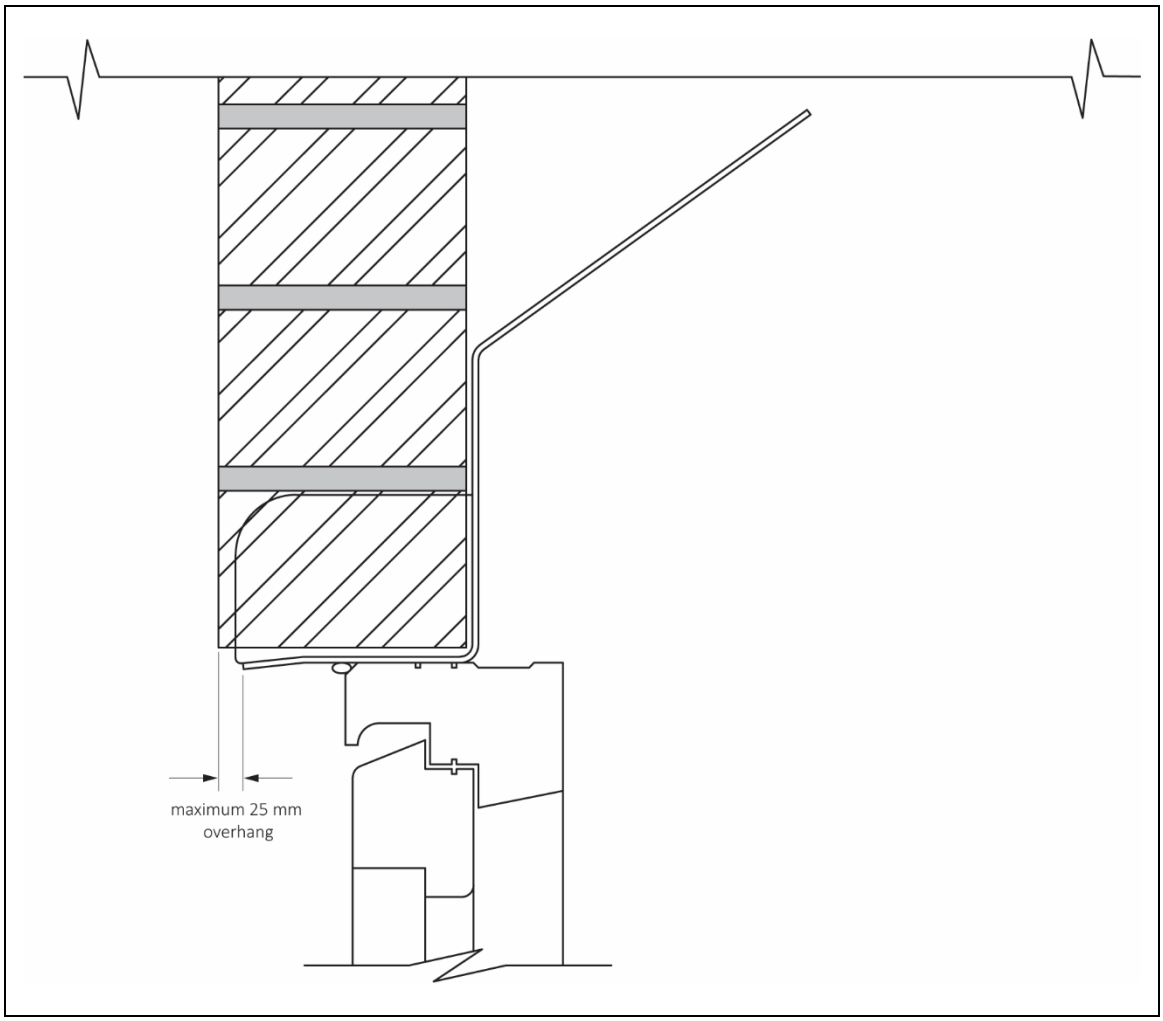


9.2.4 Masonry must not overhang the flange by more than 25 mm, see Figure 4.

9.2.5 Point loads must not be applied directly on to the flanges. The products must have a minimum of 150 mm masonry between the flange and the application level of any form of loading. The Certificate holder must be contacted for guidance if a point load is to be applied above the products.

9.2.6 The flange must project beyond the window/door frame, and it is recommended that a flexible sealing compound is used between the underside of the lintel flange and the frame.

Figure 4 Keystone Lintels Non-Combustible Cavity Tray Lintel profile



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 products must be carried out by a competent general builder, or a contractor, experienced with these types of products.

9.4 Maintenance and repair

The Certificate holder has stated maintenance is not required, but the exposed toe of a lintel tray may be painted to improve its appearance using finishes compatible with stainless steel or the zinc coating. The Certificate holder must be consulted for details of suitable coatings, but such advice is outside the scope of this Certificate.

10 Manufacture

10.1 The production processes for the products 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 products are delivered to site or to builders' merchants in bundles, each carrying a label bearing the Certificate holder's name. The BBA logo incorporating the number of this Certificate is marked on each Keystone Lintels Non-Combustible Cavity Tray Lintel.

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

11.2.1 Reasonable care must be taken during unloading, stacking and storage to avoid damage to the protective coating. Products that have suffered deformation, or major damage to the protective coatings, must not be used. Minor damage to the galvanized steel coating can be repaired by using anti-corrosive paint or zinc-rich paint.

11.2.2 The products must be stored off the ground in such a manner as to avoid the risk of either mechanical damage or contamination by corrosive substances.

11.2.3 The products may be handled by site personnel or mechanical lifting devices – care must be taken to ensure any forks, slings or chains do not damage any coatings or finishes.

11.2.4 Except for the longer span lintels, the products can generally be lifted and handled by a single operative. Protective gloves must be worn when handling the product.

† ANNEX A – SUPPLEMENTARY INFORMATION

Supporting information in this Annex is relevant to the products 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.

CE marking

The Certificate holder has taken the responsibility of CE marking the products in accordance with harmonised European Standard EN 845-2 : 2013.

Management Systems Certification for production

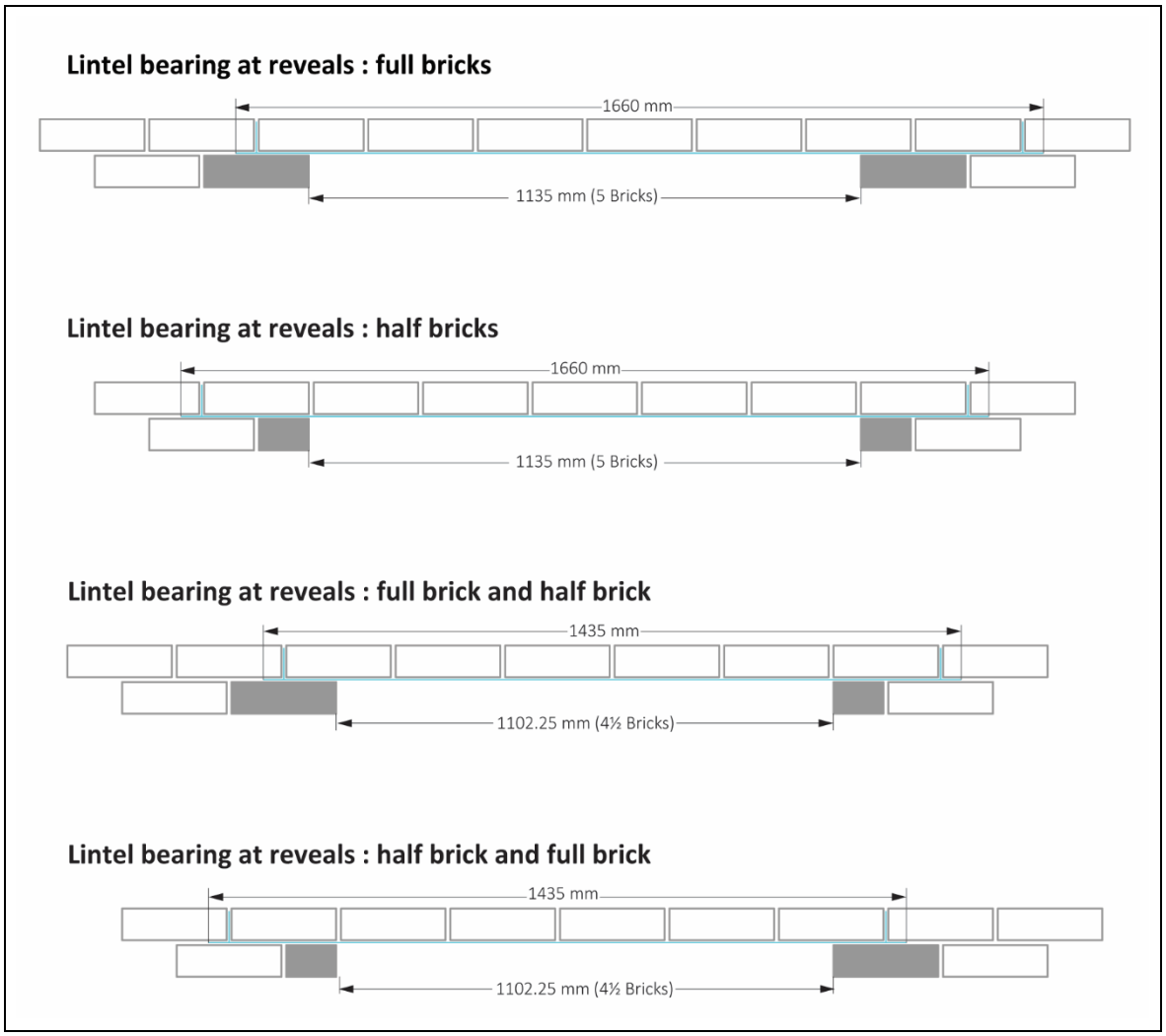
The management system of the manufacturer has been assessed and registered as meeting the requirements of BS EN ISO 9001 : 2015 and BS EN ISO 14001 : 2015 by the British Board of Agrément (Certificates 18/Q059 and 18/E019 respectively).

Additional information on installation

A.1 Installation must be in accordance with the Certificate holder's instructions and this Certificate.

A.2 Installation examples are given in Figure 5.

Figure 5 Installation examples



A.3 Masonry should be laid on a mortar bed and all perpendicular joints should be filled.

A.4 Mortar must be allowed to cure before applying floor or roof loads.

A.5 Temporary propping beneath the products is sometimes practised to facilitate speed of construction.

A.6 Precautions must be taken in cavity wall construction to prevent mortar dropping through the cavity and onto the products and obstructing the weep holes.

A.7 The risk of interstitial condensation in both the external walling and roofing is greatest when the building is drying out after construction. Guidance on limiting condensation is given in BRE Report BR 262 : 2002.

Bibliography

BRE Report 262 : 2002 *Thermal Insulation : avoiding risks*

BS EN 771-1 : 2011 + A1 : 2015 *Specification for masonry units — Clay masonry units*
BS EN 771-2 : 2011 + A1 : 2015 *Specification for masonry units — Calcium silicate masonry units*
BS EN 771-3 : 2011 + A1 : 2015 *Specification for masonry units — Aggregate concrete masonry units (Dense and lightweight aggregates)*
BS EN 771-4 : 2011 + A1 : 2015 *Specification for masonry units — Autoclaved aerated concrete masonry units*
BS EN 771-5 : 2011 + A1 : 2015 *Specification for masonry units — Manufactured stone masonry units*
BS EN 771-6 : 2011 + A1 : 2015 *Specification for masonry units — Natural stone masonry units*

BS EN 845-2 : 2013 + A1 : 2016 *Specification for ancillary components for masonry : Lintels*
BS EN 846-9 : 2016 *Determination of flexural resistance and shear resistance of lintels*

BS EN 998-2 : 2016 *Specification for mortar for masonry — Masonry mortar*

BS EN 1363-1 : 2020 *Fire resistance tests – General requirements*

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 : 2005 + A1 : 2012 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 : 2006 *Eurocode 6 : Design of masonry structures : Simplified calculation methods for unreinforced masonry structures*
NA + A1 : 2014 to BS EN 1996-3 : 2006 UK National Annex to *Eurocode 6 : Design of masonry structures — Simplified calculation methods for unreinforced masonry structures*

BS EN 10025-2 : 2019 *Hot rolled products of structural steels - Part 2: Technical delivery conditions for non-alloy structural steels*

BS EN 10088-2 : 2014 *Stainless steels — Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general purposes*

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

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

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

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

Conditions of Certificate

Conditions

1 This Certificate:

- relates only to the product that is named and described on the front page
- is issued only to the company, firm, organisation or person named on the front page – no other company, firm, organisation or person may hold or claim that this Certificate has been issued to them
- has to be read, considered and used as a whole document – it may be misleading and will be incomplete to be selective
- is copyright of the BBA
- and any matter arising out of or in connection with it or its subject matter (including non-contractual disputes or claims) is governed by and construed in accordance with the law of England and Wales.
- the courts of England and Wales shall have exclusive jurisdiction to settle any matter arising out of or in connection with this Certificate or its subject matter (including non-contractual disputes or claims).

2 Publications, documents, specifications, legislation, regulations, standards and the like referenced in this Certificate are those that were current and/or deemed relevant by the BBA at the date of issue or reissue of this Certificate.

3 This Certificate will be displayed on the BBA website, and the Certificate Holder is entitled to use the Certificate and Certificate logo, provided that the product and its manufacture and/or fabrication, including all related and relevant parts and processes thereof:

- are maintained at or above the levels which have been assessed and found to be satisfactory by the BBA
- continue to be checked as and when deemed appropriate by the BBA under arrangements that it will determine
- are reviewed by the BBA as and when it considers appropriate.

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

5 In issuing this Certificate the BBA is not responsible and is excluded from any liability to any company, firm, organisation or person, for any matters arising directly or indirectly from:

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

6 Any information relating to the manufacture, supply, installation, use, maintenance and removal of this product which is contained or referred to in this Certificate is the minimum required to be met when the product is manufactured, supplied, installed, used, maintained and removed. It does not purport in any way to restate the requirements of the Health and Safety at Work etc. Act 1974, or of any other statutory, common law or other duty which may exist at the date of issue or reissue of this Certificate; nor is conformity with such information to be taken as satisfying the requirements of the 1974 Act or of any statutory, common law or other duty of care.

British Board of Agrément
1st Floor, Building 3, Hatters Lane
Croxley Park, Watford
Herts WD18 8YG
tel: 01923 665300
clientservices@bbacerts.co.uk
www.bbacerts.co.uk