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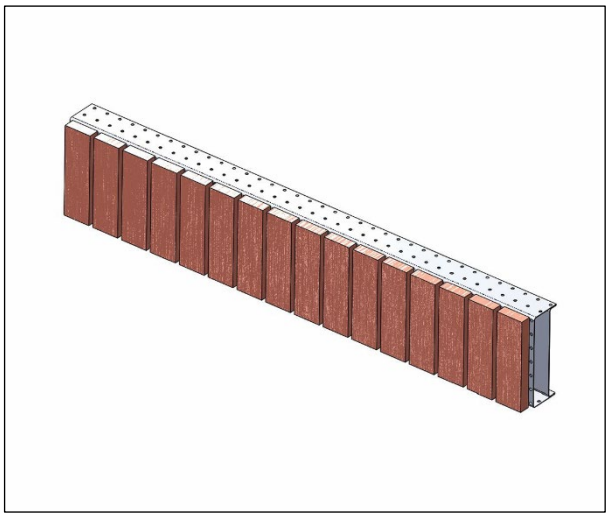
Agrément Certificate
23/6860
Product Sheet 1 Issue 1

KEYSTONE LINTELS

LIGHTWEIGHT BRICK SLIP FEATURE LINTELS AND SILLS

This Agrément Certificate Product Sheet(1) relates to Lightweight Brick Slip Feature Lintels and Sills, comprising galvanized steel sections, with fired clay brick slips attached with epoxy adhesive, for use as a decorative brick slip lintel over openings and a sill under openings, in walls in low-rise buildings.

(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 issue: 3 April 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.

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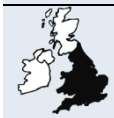
SUMMARY OF ASSESSMENT AND COMPLIANCE

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 Lightweight Brick Slip Feature Lintels and Sills, 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 product is acceptable. See section 1 of this Certificate.
Requirement:	**B4(1)**	**External fire spread**
Comment:		The product is restricted by this Requirement. See section 2 of this Certificate.
Regulation:	**7(1)**	**Materials and workmanship**
Comment:		The product is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**7(2)**	**Materials and workmanship**
Comment:		The product is restricted by this Regulation. See section 2 of this Certificate.

The Building (Scotland) Regulations 2004 (as amended)

Regulation:	**8(1)(2)**	**Fitness and durability of materials and workmanship**
Comment:		The product is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**8(3)**	**Fitness and durability of materials and workmanship**
Comment:		The product is restricted by this Regulation. See section 2 of this Certificate.
Regulation:	**9**	**Building standards - construction**
Standard:	1.1(a)	Structure
Comment:	(b)	The product is 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:	2.6	Spread to neighbouring buildings
Comment:		The product is restricted by this Standard, with reference to clauses 2.6.4[(1)(2)], 2.6.5[(1)] and 2.6.6[(2)]. See section 2 of this Certificate.
Regulation:	**12**	**Building standards - conversion**
Comment:		Comments in relation to the product under Regulation 9, Standards 1 to 6, also apply to this Regulation, with reference to clause 0.12.1[(1)(2)] and Schedule 6[(1)(2)].

(1) Technical Handbook (Domestic).
(2) Technical Handbook (Non-Domestic).

The Building Regulations (Northern Ireland) 2012 (as amended)

Regulation:	**23(1)(a)(i) (iii)(b)(i)(ii)**	**Fitness of materials and workmanship**
Comment:		The product is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**23(2)**	**Fitness of materials and workmanship**
Comment:		The product is restricted by this Regulation. See section 2 of this Certificate.

Regulation:	**30**	**Stability**
Comment:		The product is acceptable. See sections 1 and 9 of this Certificate.
Regulation:	**36(a)**	**External fire spread**
Comment:		The product is restricted by this Regulation. See section 2 of this Certificate.

Additional information

NHBC Standards 2025

In the opinion of the BBA, Lightweight Brick Slip Feature Lintel and Sills, 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 6.1 *External masonry wall*s

Fulfilment of Requirements

The BBA has judged Lightweight Brick Slip Feature Lintels and Sills to be satisfactory for use as described in this Certificate. The product has been assessed as galvanized steel sections, with fired clay brick slips attached with epoxy adhesive, for use as a decorative brick slip lintel over openings and a sill under openings, in walls in low rise buildings, in conjunction with load bearing galvanized or stainless steel lintels.

ASSESSMENT

Product description and intended use

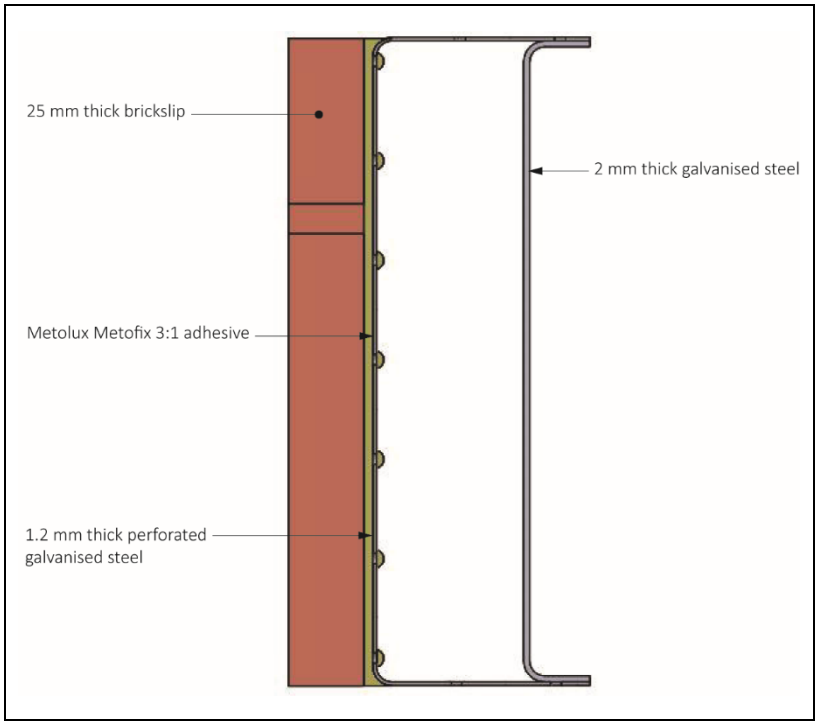
The Certificate holder provided the following description for the product under assessment. Lightweight Brick Slip Feature Lintels and Sills consist of:

- cold formed galvanized steel — grade DX51D + Z600 zinc coating to BS EN 10346 : 2015. Outside channel formed from 1.2 mm thick steel, perforated with 6 mm diameter holes at 33 mm centres. Inside channel formed from 2 mm thick steel. Both channels are riveted together to form the 215 or 290 mm high box lintel, or 140 mm sill
- anti-corrosion paint — to treat factory cut edges to galvanized steel
- Metolux Metofix 3-1 — solvent-free, two-component epoxy adhesive (the subject of BBA Certificate 12/4893)
- brick slips — 25 mm thick and cut from site supplied bricks (to match the wall), manufactured in accordance with BS EN 771-1 : 2011 and BS 4729 : 2005.

The product is made of a 215 or 290 mm high galvanized steel box lintel, or a 140 mm high sill, with fired clay brick slips bonded to the front face with Metolux Metofix 3-1 adhesive (see Figure 1).

The maximum available continuous length of the product is 2400 mm, with an overall thickness of 100 mm. The minimum length is 300 mm.

Figure 1 Components of Lightweight Brick Slip Feature Lintels and Sills



Ancillary Items

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

- load-bearing steel lintel in accordance with BS EN 845-2 : 2013
- brick or block masonry units to BS EN 771 : 2011, Parts 1 to 6
- bricklaying / pointing mortar, to BS EN 998-2 : 2016
- wall ties
- weep vents
- cavity trays
- wall insulation
- damp proof course (DPC)
- stop ends
- zinc rich paint.

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 loading

1.1.1 The product's load-bearing ability was determined from tests to BS EN 845-2 : 2013 and BS EN 846-9 : 2016, and the results can be found in Table 1.

Table 1 Load-bearing ability

Product assessed	Assessment method	Requirement	Result
215 mm Feature Lintel	Flexural and shear resistance to BS EN 845-2 : 2013 and BS EN 846-9 : 2016	10 kN SWL(1) up to 2400 mm spans	Pass
290 mm Feature Lintel			

(1) Safe working load.

1.1.2 The product is load-bearing, with adequate strength and stiffness to sustain its own weight and the weight of masonry above. The product is not designed to span over the opening and must be used in conjunction with load bearing galvanized or stainless steel lintels.

1.1.3 The product is a simply supported lintel, laterally and torsionally unrestrained. Therefore, there are no requirements for composite action with, or restraint by, adjacent elements of construction.

1.1.4 The product can accommodate deflections up to L/325 in conjunction with a load bearing galvanized or stainless steel lintel.

1.1.5 The characteristic bond resistance to BS EN 1990 : 2002 between the galvanized steel and brick slip interface for a weathered sample was tested in accordance with BS EN 1015-12 : 2016 following the durability tests in Table 5 of this Certificate, and the result can be found in Table 2 of this Certificate.

Table 2 Characteristic bond resistance for brick slips

Product assessed	Assessment method	Requirement	Result
Brick slips bonded to outside channel with Metolux Metofix 3-1	Bond resistance to BS EN 1015-12 : 2016 and BS EN 1990 : 2002	Value achieved	40 $kN \cdot m^{-2}$

1.1.6 The bond strength between the brick slips and the outside channel is adequate to resist the actions likely to be encountered in service.

1.2 Resistance to impact

1.2.1 Soft and hard body impact tests were carried out to EAD 090062-00-0404 following the durability tests in Table 5 of this Certificate, and the results are given in Table 3 of this Certificate.

Table 3 Hard and soft body impact testing

Product assessed	Assessment method	Requirement	Result
Brick slips bonded to outside channel with Metolux Metofix 3-1	EAD 090062-00-0404	400 J soft body impacts 10 J hard body impacts	Pass(1)

(1) No observable damage. Sight surface scuffing from hard body impacts.

1.2.2 On the basis of the data assessed, the product is suitable for use in the areas defined under Use Categories I, II, III and IV as defined in EAD 090062-01-0404, Table G.3.1, reproduced in part in Table 4 of this Certificate.

Table 4 Use Categories to EAD 090062-01-0404 (reproduced in part from Table G.2)

Use category	Description
I	a zone readily accessible at ground level to the public and vulnerable to hard body impacts but not subjected to abnormally rough use
II	a zone liable to impacts from thrown or kicked objects, but in public locations where the height of the system will limit the size of the impact; or at lower levels where access to the building is primarily to those with some incentive to exercise care
III	a zone not likely to be damaged by normal impacts caused by people or by thrown or kicked objects
IV	a zone out of reach from ground level.

2 Safety in case of fire

Data were assessed for the following characteristics.

2.1 Reaction to fire

2.1.1 Galvanized steel profiles, and brickwork with less than 1% organic content, can be considered to be class A1 reaction to fire without testing, in accordance with Commission Decision 96/603/EC (as amended).

2.1.2 The Certificate holder has not declared a reaction to fire classification for Metolux Metofix 3-1 adhesive in accordance with BS EN 13501-1 : 2018.

2.2 On the basis of data assessed, Lightweight Brick Slip Feature Lintels and Sills will be restricted in use under the documents supporting the national Building Regulations in some cases:

2.2.1 In England, the product must not be used on buildings 18 m or more in height or on residential buildings more than 11 m in height or less than 1 m from a relevant boundary. Restrictions also apply on some assembly and recreation buildings. These constructions must also be included in calculations of unprotected area.

2.2.2 In Wales, the product must not be used on buildings 18 m or more in height or less than 1 m from a relevant boundary. Restrictions also apply on assembly and recreation buildings. These constructions must also be included in calculations of unprotected area.

2.2.3 In Scotland and Northern Ireland, the product does not achieve the minimum Class E reaction to fire classification to BS EN 13501-1 : 2018 required by the relevant Technical Handbooks/Booklet, and so designers should seek guidance on the proposed use of the product from the relevant building control body.

2.2.4 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 wall construction.

3 Hygiene, health and the environment

Not applicable.

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

8.1.1 The potential mechanisms for degradation and the known performance characteristics of the materials in this product were assessed to EAD 090062-00-0404 : 2018. The results can be found in Table 4 of this Certificate. Following the tests in Table 5, the characteristic bond resistance between the galvanized steel and brick slip interface for the weathered sample was tested in accordance with BS EN 1015-12 : 2016, see Table 2 of this Certificate.

Table 5 Durability testing to EAD 090062-00-0404 : 2018

Product assessed	Assessment method	Requirement	Result
Brick slips bonded to outside channel with Metolux Metofix 3-1	Heat/rain cycles followed by heat/cold cycles Freeze/thaw	No observable damage	Pass

8.1.2 The bond between the brick slips and galvanized steel is durable and stable when subjected to hygrothermal and freeze/thaw cycling.

8.1.3 The product is suitable for use in all exposure conditions up to and including 'very severe' to driving rain, in accordance with PD 6697 : 2019.

8.2 Service life

8.2.1 Under normal service conditions, the product will have a service life of at least 60 years, provided it is designed, installed and maintained in accordance with this Certificate and the Certificate holder's instructions.

8.2.2 The brick slips will have an equivalent durability to the bricks from which they were cut.

PROCESS ASSESSMENT

Information provided by the Certificate holder was assessed for the following factors:

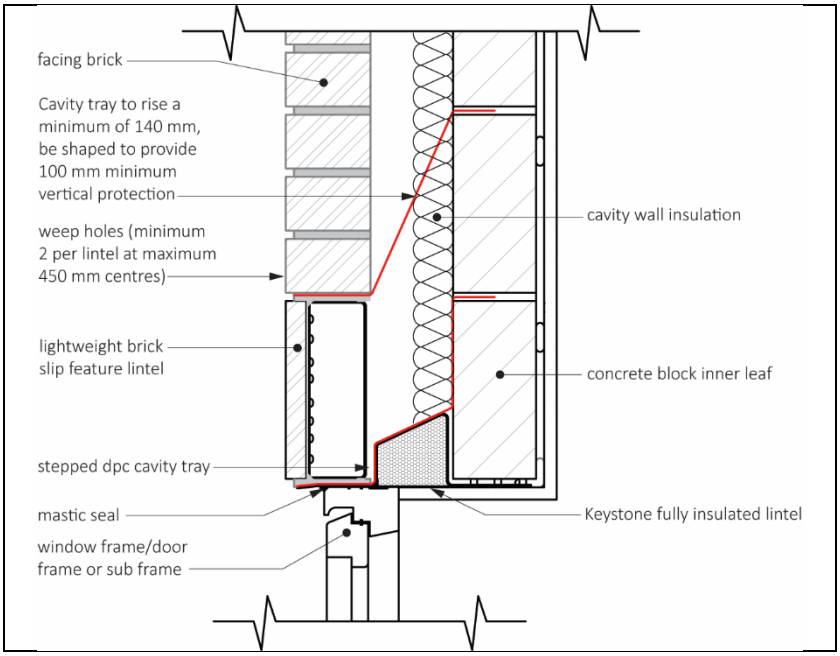
9 Design, installation, workmanship and maintenance

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 When used above openings, the product must be supported on the external flange of a load bearing galvanized or stainless steel lintel; the product is placed in position and levelled, see Figure 2.

Figure 2 General cross-section of Lightweight Brick Slip Feature Lintels



9.1.3 Masonry structures in which the product is incorporated must be designed and constructed in accordance with BS EN 1996-1-1 : 2005 and BS EN 1996-1-2 : 2005 and their UK National Annexes, PD 6697 : 2019 and the technical specifications of the national Building Regulations, as appropriate.

9.1.4 The characteristic wind loads on the product must be calculated in accordance with BS EN 1991-1-4 : 2005 and its UK National Annex. Special consideration must be given to locations with high wind-load pressure coefficients. In accordance with BS EN 1990 : 2002 and its UK National Annex, a minimum partial factor of 1.5 must be used to determine the design wind load to be resisted by the product.

9.1.5 Designers must provide a specification for the abutting bricks, mortar type and striking, cavity trays and stop ends appropriate for the exposure zone.

9.1.6 An assessment of the structural performance for each building must be carried out by a suitably qualified and experienced individual to confirm that the bond resistance of the product provides adequate resistance to design wind loads, see Table 2.

9.1.7 The product is laid on a full bed of mortar, seated central to the opening to ensure correct positioning over the opening, levelled along its length and width.

9.1.8 For most situations, M4 mortar (designation iii) is used, but in 'severe' exposure locations M6 mortar (designation ii) may be required following assessment by a suitably competent and experienced individual.

9.1.9 Wall tie specification and placement must be in accordance with BS EN 1996-2 : 2006 and PD 6697 : 2019 in a cavity wall situation. Specification of ties must be to architects' and engineers' requirements.

9.1.10 Mortar joints in exposed masonry must be weather-struck in 'severe' or 'very severe' exposure zones.

9.1.11 Above openings, a DPC or cavity tray with stop ends must be installed above the product over all openings in external cavity walls and must be in accordance with BS EN 1996-2 : 2006 and PD 6697 : 2019, see Figure 2 of this Certificate, unless otherwise protected (eg by overhanging eaves), see *NHBC Standards* 2025, section 6.1.17.

9.1.12 Above openings, weep holes must be provided in the outer leaf above the product to drain moisture from the cavity. A minimum of two weep holes must be provided per unit. For fair-faced masonry, weep holes must be provided at each end, and every 450 mm if applicable (see Figures 3 and 4). The use of stop ends must be considered to the supporting lintel, where required by *NHBC Standards* 2025, and particularly in areas of severe and very severe exposure to driving rain, and where full fill cavity insulation is specified.

Figure 3 Lightweight Brick Slip Feature Lintels - Isometric

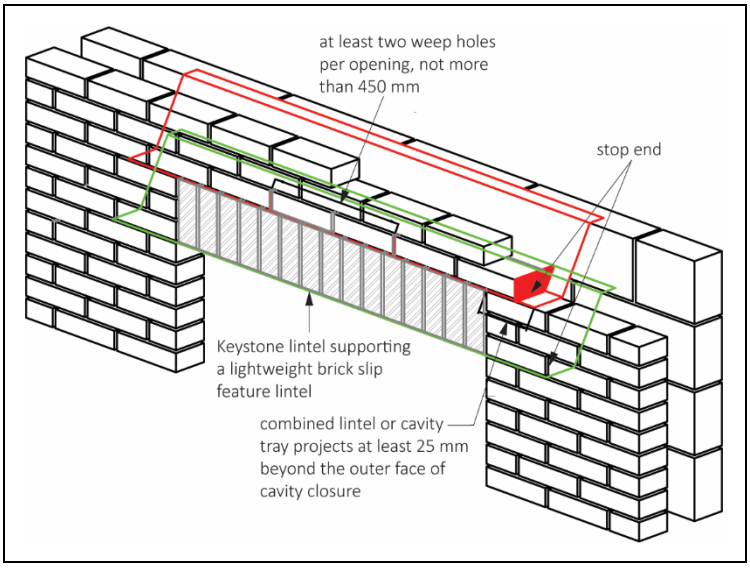
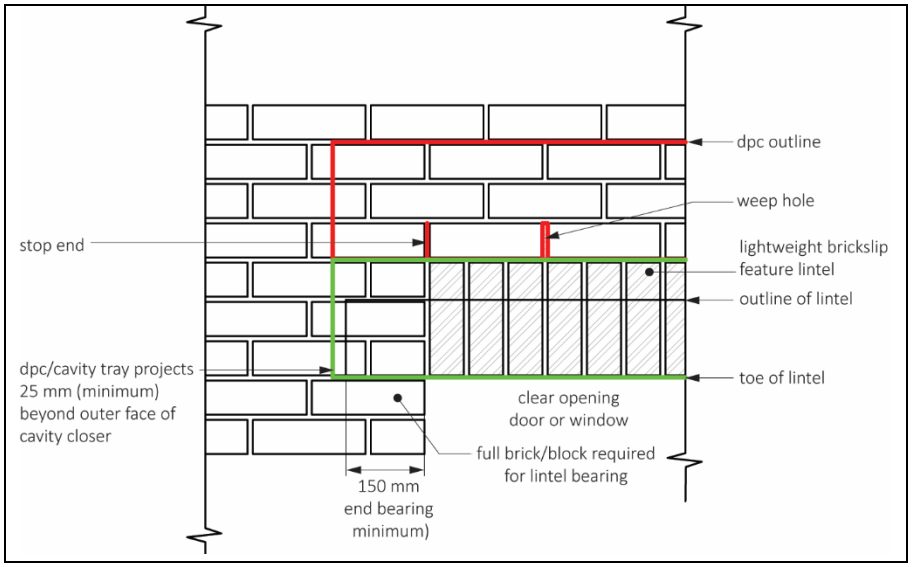
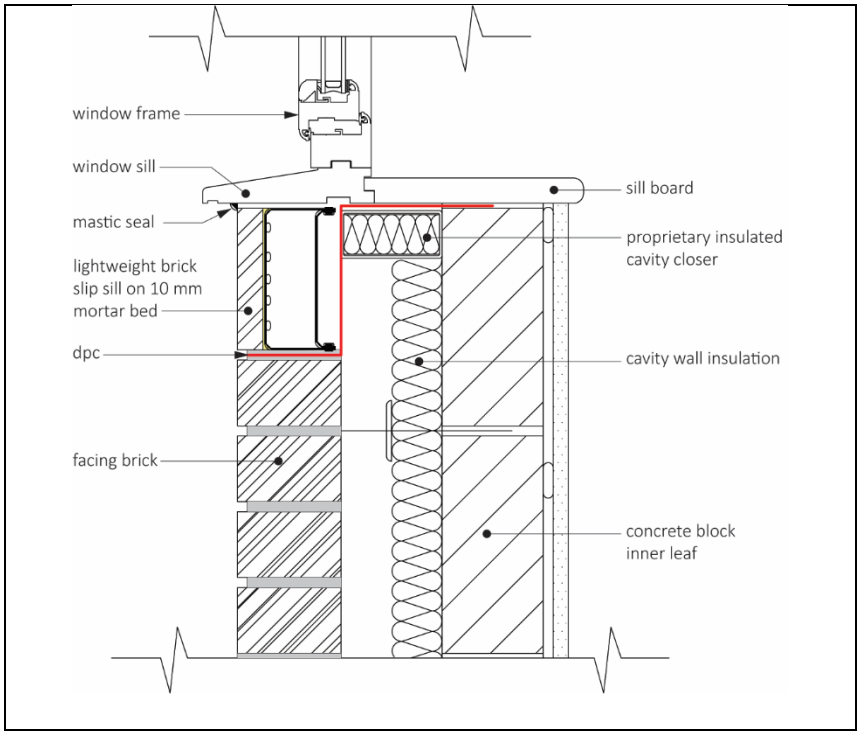


Figure 4 Lightweight Brick Slip Feature Lintels - Elevation



9.1.13 Below openings, a DPC must be installed below the product for the full length and be turned up at the back and at the end of the product, see Figure 5.

Figure 5 General cross-section of Lightweight Brick Slip Feature Sills



9.1.14 In Scotland and Northern Ireland, or where exposure to driving rain is 'very severe', the upstand part of the DPC should be returned into the inner leaf of masonry.

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. The quality of workmanship on site must be in accordance with BS 8000-3 : 2020.

9.2.3 To limit the risk of condensation, it is essential that the thermal insulation and vapour check continuity is achieved effectively during installation.

9.2.4 Setting out of the product must be done using the face masonry, and not the box lintel.

9.2.5 The product must be in place before the adjacent masonry is constructed. This will allow for the variation in size of the traditional brickwork panels either side of the product.

9.2.6 Where relevant, ties must have a minimum embedment of 50 mm into each leaf. Ties must be level or slightly sloping to the outer leaf.

9.2.7 Above openings, precautions must be taken to prevent mortar dropping through the cavity onto the lintels and obstructing the weep holes.

9.2.8 Above openings, up to five courses of bricks (or equivalent height of masonry) may be laid over the lintel in the first lift and allowed to cure. The inner and outer leaves supported by the cavity wall lintel must be raised simultaneously to avoid excessive eccentricity of loading with a max height difference of 225 mm (masonry must be laid on a mortar bed and all perpendicular joints must be filled). Subsequent lifts must not exceed 1500 mm, with 1 - 2 days curing between lifts.

9.2.9 The product brick slips must be pointed using the same mortar as the rest of the masonry, but only after removal of the temporary propping and after the full load has been applied to the product.

9.2.10 Pointing must be conducted using a pointing gun. Pointing must not take place in wet weather or in temperatures below 3°C.

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

9.4.2 The following requirements apply in order to satisfy the performance assessed in this Certificate:

9.4.2.1 Guttering, flashing, leaking downpipes and other detailing must be maintained to prevent localised saturation causing efflorescence, algal growths or associated staining.

9.4.2.2 The brick finish may become soiled over time. For normal soiling, the surface may be cleaned using a hot water/household detergent mix, applied with a suitable cleaning pad or sponge. Direct jet cleaning of the brick slips must be avoided. If the brick finish becomes damaged or for more difficult chemical soiling, the advice of the Certificate holder should be sought, but such advice is outside of the scope of this Certificate.

9.4.2.3 The bond between the brick slips and the galvanized steel is durable and does not require maintenance. Should damage to the bonded bricks occur, the damaged section must be removed back to sound substrate and repaired. The Certificate holder should be consulted on the technique to be used, but such advice is outside of the scope of this Certificate.

10 Manufacture

10.1 The production processes for the product have been assessed, and provide assurance that the quality controls are satisfactory according to the following factors:

10.1.1 The manufacturer has provided documented information on the materials, processes, testing and control factors.

10.1.2 The quality control operated over batches of incoming materials has been assessed and deemed appropriate and adequate.

10.1.3 The quality control procedures and product testing to be undertaken have been assessed and deemed appropriate and adequate.

10.1.4 The process for management of non-conformities has been assessed and deemed appropriate and adequate.

10.1.5 An audit of each production location was undertaken, and it was confirmed that the production process was in accordance with the documented process, and that equipment has been properly tested and calibrated.

† 10.2 The BBA has undertaken to review the above measures on a regular basis through a surveillance process, to verify that the specifications and quality control operated by the manufacturer are being maintained.

11 Delivery and site handling

11.1 The Certificate holder stated that the product is delivered to site or builders merchants in bundles, each carrying a label bearing the Certificate holder's name, product type and length. The BBA logo incorporating the number of this Certificate is marked on each label.

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 or storage, to avoid damage to the steel coating and/or brick slips. Products that have suffered deformation or major damage must not be used. Minor damage to the galvanized steel coating must be repaired by using the same anti-corrosion paint used for treating cut edges, or a zinc rich paint, but the latter is outside of the scope of this Certificate.

11.2.2 The product must be stored off the ground, to avoid risk of mechanical damage or contamination by corrosive substances.

11.2.3 The product may be handled by site personnel or mechanical lifting devices; care must be taken to ensure any forks, slings or chains do not damage the protective coating and / or brick slips. Protective gloves should be worn when handling the product.

†ANNEX A – SUPPLEMENTARY INFORMATION

Supporting information in this Annex is relevant to the product but has not formed part of the material assessed for the Certificate.

Construction (Design and Management) Regulations 2015
Construction (Design and Management) Regulations (Northern Ireland) 2016

Information in this Certificate may assist the client, designer (including Principal Designer) and contractor (including Principal Contractor) to address their obligations under these Regulations.

UKCA marking

The Certificate holder has taken the responsibility of UKCA marking the product in accordance with Designated Standard EN 845-2 : 2013.

CE marking

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

Management Systems Certification for production

The management systems of the manufacturer have been assessed and registered as meeting the requirements of BS EN ISO 9001 : 2015 and BS EN ISO 14001 : 2015 by the BBA (Certificates 18/Q059 and 18/E019, respectively).

Additional Guidance

A.1 The surface condensation risk of constructions must be established by numerical modelling in accordance with BRE Information Paper IP 1/06.

A.2 Further guidance on limiting the risk of surface condensation can be found in documents supporting the national Building Regulations.

Bibliography

BRE Information Paper IP 1/06 (2006) *Assessing the effects of thermal bridging at junctions and around openings*

BS 4729 : 2005 + A1 : 2016 *Clay bricks of special shapes and sizes. Recommendations*

BS 8000-3 : 2020 : *Workmanship on building sites. Code of practice for masonry*

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 *Methods of test for ancillary components for masonry Part 9: Determination of flexural resistance and shear resistance of lintels*

BS EN 998-2 : 2016 *Specification for mortar for masonry. Masonry mortar (Incorporating corrigendum July 2019)*

BS EN 1015-12 : 2016 *Methods of test for mortar for masonry. Determination of adhesive strength of hardened rendering and plastering mortars on substrates*

BS EN 1990 : 2002 + A1 : 2005 Eurocode 1 *Basis of structural design*
NA to BS EN 1990 : 2002 + A1 : 2005 UK National Annex to Eurocode 1 *Basis of structural design*

BS EN 1991-1-4 : 2005 + A1 : 2010 Eurocode 1 *Actions on structures. General actions. Wind actions*
NA to BS EN 1991-1-4 : 2005 + A1 : 2010 UK National Annex to Eurocode 1 *Actions on structures. General actions. Wind actions*

BS EN 1996-1-1 : 2005 + A1 : 2012 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 *Design of masonry structures. Design considerations, selection of materials and execution of masonry*

BS EN 10346 : 2015 *Continuously hot-dip coated steel flat products for cold forming. Technical delivery conditions*

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 + A1 : 2024 *Quality management systems. Requirements*

BS EN ISO 14001 : 2015+ A1 : 2024 *Environmental management systems. Requirements with guidance for use*

EAD 090062-00-0404
EAD 090062-01-0404 *Kits for external wall claddings mechanically fixed*

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
- 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.

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