Certificate No: EW130

This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

Eurobrick Insulated Brick Cladding System

Description of Product

X Clad and P Clad External Insulated Cladding Systems are an insulated clay brick slip system for use as protective/decorative cladding with or without a cavity over solid masonry, timber- and steel-frame and masonry external walls in new and existing domestic and non-domestic buildings. I Clad Internal Cladding System is a gypsum plasterboard used with clay brick slip facings for use as non-structural, decorative cladding for internal walls of timber and steel-frame construction above the damp-proof course in domestic and non-domestic buildings.

Key Factors Assessed

- Mechanical Resistance & Stability
- Safety in case of Fire
- Health, Hygiene and Environmental
- Safety in Use
- Energy Economy and heat retention

Validity

This certificate was first issued on 2nd June 2011 and is valid until 25th July 2018

Issue Dated 11th May 2015

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Scope of Registration

The wall and support frame to which the cladding is to be fixed should be structurally sound
The system can be used above and below the damp-proof course if suitable brick slips and mortars are specified in accordance with the Certificate holder's advice to resist the higher moisture levels
The systems will improve the weather resistance and reduce thermal transmission of a wall and provide a decorative finish. However, it may only be installed where other routes for moisture penetration have been dealt with separately and where dampness, other than that caused solely by condensation, is not evident on the inner surface of the wall. The system can contribute to minimising condensation on internal wall surfaces.
Design wind actions should be calculated in accordance with BS EN 1991-1-4 : 2005 + A1 : 2010 and the UK National Annex.
The surface spread of flame classification for the system is Class 0 or 'low risk' as defined in the Building Regulations.
The U value of a completed wall will depend on the selected insulation thickness, the number, type and method of fixings, the insulating value of the substrate wall and its internal finish. The thermal resistance of the system is primarily dependent upon the extruded polystyrene foam insulation element and extra insulation may be required to achieve the full level of thermal performance required by the Building Regulations.
Designers must ensure that an appropriate condensation risk analysis has been carried out for all parts of construction, including openings and penetrations at junctions between the insulation system, to minimise the risk of condensation.
The system resists the passage of moisture from the ground and from weather. Any water collecting in the cavity due to rain or condensation will be drained through openings at the base of each closed section of cavity.
Regular maintenance inspections should be carried out to ensure that the ingress of water does not occur.

Conditions of Certificate

Installation to be in accordance with requirements of the Agrement Certificate using approved installers and a specification from the consulting engineer.
The system is not suitable for installation in isolation and is always fixed to another element which provides the structural basis for the wall.
The P-Clad and X-Clad External Cladding Systems are suitable for use as a non-structural weather-resistant, thermally insulating external wall façade panel system to provide a protective and decorative cladding finish for new or refurbished buildings less than 18 m in storey height of solid and cavity masonry, dense or no-fines concrete, timber-frame or light-gauge steel-frame construction with or without a cavity behind the system.
In addition P-Clad can be used above 18m in storey height in conjunction with steel-frame substrate walls if constructed to the specification detailed within BBA 13/5079 P 7.3.
The P-Clad and X-Clad External Cladding systems are restricted to sheltered areas (on timber/steel frame walls) and moderate areas (on masonry walls) where used without a cavity behind the system.
In severe exposure conditions, application of a high performance breather membrane should be considered.
The system must only be used in locations where the surface temperature will not exceed 65°C.
All externally exposed perimeters and penetrations of the panel must be protected by non-combustible material.
The fixing of rainwater goods, satellite dishes, clothes lines, hanging baskets and similar items should be agreed prior to installation.
Care must be taken in the detailing the system around openings and projections to ensure adequate protection against water ingress and to limit the risk of water penetrating the system.
All movement joints are sealed using urethane sealant after brick application.
A dpc must be provided through the thickness of the system. In new constructions, the dpc in the substrate

LABC consider that, Eurobrick Insulated Brick Cladding System, will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met;

The Building Regulations 2010 (as amended) England & Wales

Regulation 7	Materials and workmanship
Note:	The products are acceptable.
AD A	Structure
Note:	Subject to limitations detailed below in Conditions section. The system is not suitable for installation in isolation and is always fixed to another element which provides the structural basis for the wall.
AD B	Fire Safety
Note:	The products can contribute to meeting this Requirement.
AD C	Site preparation and resistance to contaminants and moisture
Note:	Subject to limitations detailed below in Conditions section.
AD L1B	Conservation of fuel and power
Note:	The thermal insulation performance of this system should be considered in the context of the contribution made to the overall performance of the wall structure.

The Building Regulations 2010 (as amended) England

AD L1A	Conservation of fuel and power
Note:	The thermal insulation performance of this system should be considered in the context of the contribution made to the overall performance of the wall structure.

The Building Regulations 2010 (as amended) Wales

AD L1A	Conservation of fuel and power
Note:	The thermal insulation performance of this system should be considered in the context of the contribution made to the overall performance of the wall structure.

The Building (Scotland) Regulations 2004 (as amended)

If you would like to discuss a specific use of the product in Scotland it will require an additional assessment under the Scottish Building Regulations and accordingly you should contact the LABSS STAS Administrator at www.labss.org

Non-Regulatory Information

LABC Warranty

The use of the Eurobrick Insulated Brick Cladding System has not been assessed to meet the requirements of the LABC Warranty Technical Manual. If you would like to discuss a specific use please make an enquiry to technical.services@labcwarranty.co.uk

Supporting Documentation

BBA Agrement Certificate 13/5079 X Clad External Insulated Cladding System

BBA Agrement Certificate 13/5079 I Clad Internal Cladding System

BBA Agrement Certificate 13/5079 P Clad External Cladding System

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