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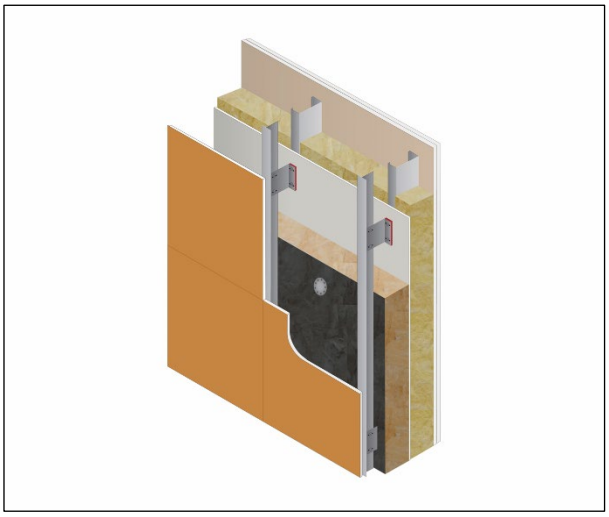
Agrément Certificate
19/5672
Product Sheet 1 Issue 2

ISOVER POLTERM MAX PLUS

ISOVER POLTERM MAX PLUS FOR USE IN RAINSCREEN CLADDING SYSTEMS

This Agrément Certificate Product Sheet(1) relates to Isover Polterm Max Plus for use in Rainscreen Cladding Systems, a mineral wool insulation slab for use as thermal insulation on new and existing timber- or steel-frame walls or masonry walls, in domestic and non-domestic buildings. The product is used without height restriction in conjunction with ventilated cladding systems.

(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 Second issue: 4 August 2025
Date of First issue: 24 June 2019

Hardy Giesler
Chief Executive Officer

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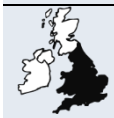
SUMMARY OF ASSESSMENT AND COMPLIANCE

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 Isover Polterm Max Plus for use in Rainscreen Cladding Systems, 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: B3(4) **Internal fire spread (structure)**
Comment: The product can contribute to satisfying this Requirement. See section 2 of this Certificate.

Requirement: B4(1) **External fire spread**
Comment: The product is unrestricted by this Requirement. See section 2 of this Certificate.

Requirement: C2(a) **Resistance to moisture**
Comment: The product can contribute to satisfying this Requirement. See section 3 of this Certificate.

Requirement: C2(b) **Resistance to moisture**
Comment: The product can contribute to satisfying this Requirement. See section 3 of this Certificate.

Requirement: C2(c) **Resistance to moisture**
Comment: The product can contribute to satisfying this Requirement. See section 3 of this Certificate.

Regulation: L1(a)(i) **Conservation of fuel and power**
Comment: The product can contribute to satisfying this Regulation; however, compensating fabric measures are required. See section 6 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 unrestricted by this Regulation. See section 2 of this Certificate.

Regulation: 25B **Nearly zero-energy requirements for new buildings**
Regulation: 26 **CO_2 emission rates for new buildings**
Regulation: 26A **Fabric energy efficiency rates for new dwellings (applicable to England only)**
Regulation: 26A **Primary energy rates for new buildings (applicable to Wales only)**
Regulation: 26B **Fabric performance values for new dwellings (applicable to Wales only)**
Regulation: 26C **Target primary energy rates for new buildings (applicable to England only)**
Regulation: 26C **Energy efficiency rating (applicable to Wales only)**
Comment: The product can contribute to satisfying these Regulations; however, compensating fabric/services measures may be required. See section 6 of this Certificate.

The Building (Scotland) Regulations 2004 (as amended)

Regulation: 8(1) **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 unrestricted by this Regulation. See section 2 of this Certificate.

Regulation:	**9**	**Building standards – construction**
Standard:	2.4	Cavities
Comment:		The product can contribute to satisfying this Standard, with reference to clauses 2.4.2(1)(2), 2.4.4(1) and 2.4.6(2). See section 2 of this Certificate.
Standard:	2.6	Spread to neighbouring buildings
Comment:		The product is unrestricted by this Standard, with reference to clauses 2.6.5(1) and 2.6.6(2). See section 2 of this Certificate.
Standard:	2.7	Spread on external walls
Comment:		The product is unrestricted by this Standard, with reference to clause 2.7.1(1)(2). See section 2 of this Certificate.
Standard:	3.4	Moisture from the ground
Comment:		The product can contribute to satisfying this Standard, with reference to clauses 3.4.1(1)(2) and 3.4.5(1)(2). See section 3 of this Certificate.
Standard:	3.15	Condensation
Comment:		The product can contribute to satisfying this Standard, with reference to clauses 3.15.1(1)(2), 3.15.4(1)(2) and 3.15.5(1)(2). See section 3 of this Certificate.
Standard:	6.1(b)(c)	Energy demand
Comment:		The product can contribute to satisfying this Standard, with reference to clauses 6.1.1(1) and 6.1.2(2); however, compensating fabric/service measures may be required. See section 6 of this Certificate.
Standard:	6.2	Building insulation envelope
Comment:		The product can contribute to satisfying this Standard, with reference to clauses 6.2.1(1)(2), 6.2.3(1), 6.2.4(2), 6.2.8(1), 6.2.9(2) and 6.2.12(1); however, compensating fabric/service measures may be required. See section 6 of this Certificate.
Standard:	7.1(a)(b)	Statement of sustainability
Comment:		The product can contribute to satisfying the relevant requirements of Regulation 9, Standards 1 to 6, and therefore will contribute to a construction meeting a bronze level of sustainability as defined in this Standard. In addition, the product can contribute to a construction meeting a higher level of sustainability as defined in this Standard, with reference to clauses 7.1.2(1), 7.1.3(2), 7.1.4(1)(2), 7.1.6(1)(2), 7.1.7(1), 7.1.8(2), 7.1.9(2) and 7.1.10(2). See section 6 of this Certificate.
Regulation:	**12**	**Building standards – conversion**
Comment:		Comments in relation to the systems 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)**	**Fitness of materials and workmanship**
Comment:	**(iii)(b)(i)(ii)**	The product is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**23(2)**	**Fitness of materials and workmanship**
Comment:		The product is unrestricted by this Regulation. See section 2 of this Certificate.
Regulation:	**28(a)**	**Resistance to moisture and weather**
Comment:		The product can contribute to satisfying this Regulation. See section 3 of this Certificate.

Regulation:	**28(b)**	**Resistance to moisture and weather**
Comment:		The product can contribute to satisfying this Regulation. See section 9 of this Certificate.
Regulation:	**29**	**Condensation**
Comment:		The product can contribute to satisfying this Regulation. See section 3 of this Certificate.
Regulation:	**35(4)**	**Internal fire spread – structure**
Comment:		The product can contribute to satisfying this Regulation. See section 2 of this Certificate.
Regulation:	**36(a)**	**External fire spread**
Comment:		The product is unrestricted by this Regulation. See section 2 of this Certificate.
Regulation:	**39(a)(i)**	**Conservation measures**
Comment:		The product can contribute to satisfying this Regulation; however, compensating fabric/service measures are required. See section 6 of this Certificate.
Regulation:	**40(2)**	**Target carbon dioxide emission rate**
Regulation:	**43(1)(2)**	**Renovation of thermal elements**
Regulation:	**43B**	**Nearly zero-energy requirements for new buildings**
Comment:		The product can contribute to satisfying these Regulations; however, compensating fabric/service measures may be required. See section 6 of this Certificate.

Additional Information

NHBC Standards 2025

In the opinion of the BBA, Isover Polterm Max Plus for use in Rainscreen Cladding Systems, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements in relation to *NHBC Standards*, Chapters 6.1 *External masonry walls,* 6.2 *External timber framed walls,* 6.9 *Curtain walling and cladding* and 6.10 *Light steel framed walls and floors*.

The opinion of the BBA does not amount to any endorsement or approval by NHBC and does not in any way guarantee that NHBC will approve such product / system as compliant with the NHBC Technical Requirements and Standards.

Fulfilment of Requirements

The BBA has judged Isover Polterm Max Plus for use in Rainscreen Cladding Systems to be satisfactory for use as described in this Certificate. The product has been assessed as a mineral wool insulation slab for use as thermal insulation on new and existing timber- or steel frame walls or masonry walls, in domestic and non-domestic buildings. The product is used, without height restrictions, in conjunction with ventilated cladding systems, which are outside the scope of this Certificate.

ASSESSMENT

Product description and intended use

The Certificate holder provided the following description for the product under assessment. Isover Polterm Max Plus for use in Rainscreen Cladding Systems comprises slabs of rigid stone mineral wool (MW) treated with a water-repellent additive, with a black glass tissue facer on one face.

The product has the nominal characteristics given in Table 1.

Table 1 Nominal characteristics

Length (mm)	1200
Width (mm)	600
Thickness (mm)(1)	50, 60, 75, 90, 100, 120, 125, 150, 160, 180, 200
Edge profile	Square

(1) Other slab thicknesses within the above range are available on request.

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:

- rainscreen cladding panel and subframe
- insulation fasteners/fixings
- sheathing and lining board
- breather membranes
- air and vapour control layer (AVCL).

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

Not applicable.

2 Safety in case of fire

Data were assessed for the following characteristics.

2.1 Reaction to fire

2.1.1 The product was tested for reaction to fire and the classification is given in Table 2.

Table 2 Reaction to fire classification

Product assessed	Assessment method	Requirement	Result(1)
Isover Polterm Max Plus	BS EN 13501-1 : 2007	Value achieved	A1

(1) Classification report no. WF 401343 (Issue no 2, 25/07/2018), issued by Exova Warringtonfire, available from the Certificate holder.

2.1.2 On the basis of data assessed, the product is not subject to any restriction on building height or proximity to a relevant boundary by the documents supporting the national Building Regulations.

2.1.3 Designers must refer to the relevant national Building Regulation and guidance for detailed conditions of use, particularly in respect of requirements for substrate fire performance, cavity barriers/closers, fire stopping of service penetrations and combustibility limitations for other materials and components used in the overall wall construction.

3 Hygiene, health and the environment

Data were assessed for the following characteristics.

3.1 Effectiveness against rising damp

3.1.1 The product was tested for short term water absorption by partial immersion and the results are given in Table 3.

Table 3 Short term water absorption by partial immersion

Product assessed	Assessment method	Requirement	Result
Isover Polterm Max Plus	EN 1609 : 2013	≤ 1.0 kg·m^{-2}	Pass

3.1.2 On the basis of data assessed, the product may be used in situations where it bridges the damp proof course (DPC) in walls; dampness from the ground will not pass through to the inner leaf provided the wall is detailed in accordance with the requirements and provisions of the national Building Regulations.

3.2 Water vapour permeability

3.2.1 The product was tested for water vapour permeability and the results are given in Table 4.

Table 4 Water vapour resistance

Material	Assessment method	Requirement	Result
Isover Polterm Max Plus	BS EN ISO 10456 : 2007	Declared value	5 MN·s·g^{-1}

3.2.2 An AVCL must be used should the condensation risk analysis show that this is necessary.

4 Safety and accessibility in use

Not applicable.

5 Protection against noise

Not applicable.

6 Energy economy and heat retention

Data were assessed for the following characteristics.

6.1 Thermal conductivity

The product was tested for thermal conductivity and the results are given in Table 5.

Table 5 Thermal conductivity

Product assessed	Assessment method	Requirement	Result
Isover Polterm Max Plus	BS EN 12667 : 2001 BS EN 13162 : 2012	Declared value (λ_D)	0.035 W·m^{-1}·K^{-1}

6.2 Thermal performance

6.2.1 The U value of the completed wall construction will depend on the insulation thickness, number and type of fixings, the insulating value of the substrate and its internal finish. Example U values are given in Tables 6 to 8.

Table 6 Example U values — timber frame rainscreen system[1][2]

U value ($W \cdot m^{-2} \cdot K^{-1}$)	Isover Polterm Max Plus thickness (clear 140 mm timber frame) (mm)[3]	Isover Polterm Max Plus thickness (fully filled 140 mm timber frame) (mm)[4]
0.13	-[6]	-[6]
0.15	-[6]	-[6]
0.17	-[6]	350[5]
0.18	400[5]	290[5]
0.21	300[5]	200
0.26	200	100
0.28	180	75
0.30	160	60

(1) Construction, external to internal: 10 mm rainscreen cladding, fully ventilated 50 mm clear cavity, Isover Polterm Max Plus, breather membrane, 9 mm OSB (oriented strand board) sheathing board (λ = 0.13 $W \cdot m^{-1} \cdot K^{-1}$), 140 mm timber frame ($\lambda$ = 0.13 $W \cdot m^{-1} \cdot K^{-1}$) (15% fraction), AVCL and 15 mm plasterboard (λ = 0.25 $W \cdot m^{-1} \cdot K^{-1}$).
(2) A fixing correction factor (ΔU_f) of 0.1 $W \cdot m^{-1} \cdot K^{-1}$ has been applied, to allow for the thermal bridging of the rainscreen brackets.
(3) Insulation installed against the sheathing board with no insulation in the timber frame.
(4) Insulation installed against the sheathing board with 140 mm of insulation in the timber frame (λ = 0.035 $W \cdot m^{-1} \cdot K^{-1}$) with a 15% timber frame fraction.
(5) Double layering
(6) See section 6.2.3.

Table 7 Example U values — steel frame rainscreen system[1][2]

U value ($W \cdot m^{-2} \cdot K^{-1}$)	Isover Polterm Max Plus thickness (clear 90 mm steel frame) (mm)[3]	Isover Polterm Max Plus thickness (fully filled 90 mm steel frame) (mm)[4]
0.13	-[6]	-[6]
0.15	-[6]	-[6]
0.17	-[6]	400[5]
0.18	400[5]	350[5]
0.21	285[5]	240[5]
0.26	200	160
0.28	180	120
0.30	160	100

(1) Construction, external to internal: 10 mm rainscreen cladding, fully ventilated 50 mm clear cavity, Isover Polterm Max Plus, breather membrane, 9 mm OSB sheathing board (λ = 0.13 $W \cdot m^{-1} \cdot K^{-1}$), 90 mm light steel frame (0.2% fraction), AVCL and 15 mm plasterboard (λ = 0.25 $W \cdot m^{-1} \cdot K^{-1}$).
(2) A fixing correction factor (ΔU_f) of 0.1 $W \cdot m^{-1} \cdot K^{-1}$ has been applied, to allow for the thermal bridging of the rainscreen brackets.
(3) Insulation installed against the sheathing board with no insulation in the steel frame.
(4) Insulation installed against the sheathing board with 90 mm of insulation in the steel frame (λ = 0.038 $W \cdot m^{-1} \cdot K^{-1}$) with a 0.2% steel frame fraction.
(5) Double layering
(6) See section 6.2.3.

Table 8 Example U values — solid concrete rainscreen system[1][2]

U value ($W \cdot m^{-2} \cdot K^{-1}$)	Isover Polterm Max Plus thickness (mm)
0.13	-[4]
0.15	-[4]
0.17	-[4]
0.18	400[3]
0.21	300[3]
0.26	200
0.28	180
0.30	160

(1) Construction, external to internal: 10 mm rainscreen cladding, open – fully ventilated 50 mm clear cavity, Isover Polterm Max Plus, 150 mm reinforced concrete (1% steel), 15 mm cavity (20% adhesive bridge) and 15 mm plasterboard (λ = 0.25 $W \cdot m^{-1} \cdot K^{-1}$).
(2) A fixing correction factor (ΔU_f) of 0.1 $W \cdot m^{-1} \cdot K^{-1}$ has been applied, to allow for the thermal bridging of the rainscreen brackets.
(3) Double layering
(4) See section 6.2.3.

6.2.2 On the basis of data assessed, the product can contribute towards a construction satisfying the national Building Regulations in respect of energy economy and heat retention.

6.2.3 For improved energy or carbon savings, designers must consider appropriate fabric and/or service measures.

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 9.

Table 9 Durability

Product assessed	Assessment method	Requirement	Result
Isover Polterm Max Plus	Dimensional stability to BS EN 1604 : 1996 (70°C and 90% RH for 48 hours)	Length, width and thickness ≤ 1 % change	Pass

8.3 Service life

Under normal service conditions, the product will have a life equivalent to the structure in which it is incorporated, provided it is designed, installed and maintained in accordance with this Certificate and the Certificate holder's instructions.

PROCESS ASSESSMENT

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

9 Design, installation, workmanship and maintenance

9.1 Design

9.1.1 The design process was assessed, and the following requirements apply in order to satisfy the performance assessed in this Certificate.

9.1.2 The wall and sub-frame must be structurally sound, and have been designed and constructed in accordance with the relevant recommendations of:

- BS 8000-3 : 2020
- BS EN 351-1 : 2023
- BS EN 845-1 : 2013
- BS EN 1993-1-3 : 2006 and its UK National Annex
- BS EN 1995-1-1 : 2004 and its UK National Annex
- BS EN 1996-1-1 : 2005 and its UK National Annex
- BS EN 1996-1-2 : 2005 and its UK National Annex
- BS EN 1996-2 : 2006 and its UK National Annex
- BS EN 1996-3 : 2006 and its UK National Annex.

9.1.3 Certain rainscreen systems, such as those with open joints, may require the addition of a breather membrane incorporated into the system. The requirement for a membrane must be determined by the system designer and is outside the scope of this Certificate.

9.1.4 Care must also be taken in the overall design and construction of elements incorporating the product to ensure appropriate:

- sheathing or bracing for frame elements. The product must not be relied on to provide any structural contribution, eg racking strength
- fire resistance, for both elements and junctions
- continuity of insulation to minimise thermal bridging
- resistance to the ingress of precipitation and moisture from the ground.

9.1.5 Wind loads must be calculated by a suitably experienced and competent individual in accordance with BS EN 1991-1-4 : 2005 and its UK National Annex. The higher-pressure coefficients applicable to corners of buildings must be used.

9.1.6 Although the product will not be directly exposed to wind, each installation must be designed to withstand, without damage or permanent deformation, the pressures imposed by wind forces. The rainscreen cladding system in which the product is installed will experience substrate movement which must be considered in the structural design of the construction.

9.1.7 The adequacy of fixing to the structural frame or substrate for specific installations is outside the scope of this Certificate and must be verified by a suitably experienced and competent individual. Particular care is required around window and door openings to ensure that the structure is capable of sustaining additional weight owing to reveal/frame details.

9.1.8 External walls must be in good condition and must resist the ingress of rain.

9.1.9 The designer must select a construction appropriate to the local wind-driven rain index to BS EN 1996-2 : 2006 and its UK National Annex, paying due regard to the design detailing, workmanship and materials to be used. It is essential that such walls are designed and constructed to incorporate the normal precautions against moisture ingress.

9.1.10 The air gap between the face of the insulation and the back of the rainscreen panels must be of sufficient width to allow any water passing the joints to run down the back of the rainscreen panels and be discharged externally without wetting the insulation or the backing wall.

9.1.11 Care must be taken to ensure that the types of façades and wall finishes, and the design and detailing around openings, are appropriate for the anticipated exposure conditions and, if necessary, resist the movement of the frame.

9.1.12 The product must be kept dry before the cladding is applied.

9.1.13 The construction must be made weathertight as soon as practically possible to ensure maximum protection of the product.

9.1.14 Calculation of the thermal transmittance (U value) of a wall must be carried out in accordance with BS EN ISO 6946 : 2017 and BRE Report BR 443 : 2019.

9.1.15 Care must be taken in the overall design and construction of junctions with other elements and openings to minimise thermal bridges and air infiltration. Detailed guidance can be found in the documents supporting the national Building Regulations.

Interstitial condensation

9.1.16 Walls will adequately limit the risk of interstitial condensation when they are designed and constructed in accordance with BS 5250 : 2021.

9.1.17 The product can contribute to maintaining continuity of thermal insulation at junctions with other elements and minimise thermal bridges and air infiltration. Detailed guidance can be found in the documents supporting the national Building Regulations. Advice can also be sought from the Certificate holder.

Surface condensation

9.1.18 In England and Wales, walls will adequately limit the risk of surface condensation when the thermal transmittance (U value) does not exceed 0.7 $W \cdot m^{-2} \cdot K^{-1}$ at any point, and the junctions with other elements are designed in accordance with the guidance referred to in section 9.1.16 of this Certificate.

9.1.19 For buildings in Scotland, wall constructions will be acceptable when the thermal transmittance (U value) does not exceed 1.2 $W \cdot m^{-2} \cdot K^{-1}$ at any point, and the junctions with other elements are designed in accordance with the guidance referred to in BS 5250 : 2021. Further guidance may be obtained from BRE Report BR 262 : 2002 and section 9.1.16 of this Certificate.

9.1.20 Detailed guidance can be found in the documents supporting the national Building Regulations for the provisions that are applicable when the product is installed in close proximity to certain flue pipes and/or heat-producing appliances.

9.1.21 To resist the passage of moisture from the ground, adequate damp-proof courses (DPCs) and membranes must be provided in accordance with conventional good practice. The product must not be used in situations where they bridge the DPC in walls.

9.1.22 Cavity barriers must be provided as required by the documents supporting the national Building Regulations.

9.1.23 Weather resistance is provided by an external cladding system (outside the scope of this Certificate).

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.

9.2.3 The product can be cut using a fine-toothed saw or sharp knife, but care must be taken to prevent damage, particularly to edges.

9.2.4 It is important to ensure a tight fit between slabs. Trimming must be accurate, to achieve close-butted joints and continuity of insulation.

9.2.5 The slabs are fixed against the external face of the sheathing board or against the external face of masonry substrates, maintaining a cavity to ensure drainage.

9.2.6 The construction must be made weathertight as soon as is practically possible to ensure maximum protection of the product and the product must be kept dry until the cladding is applied.

9.2.7 The product must be applied with the black glass tissue facing outwards (that is, into the ventilated cavity).

9.2.8 Slabs must be close-butted at all vertical and horizontal joints. The horizontal joints of the insulation must be staggered in accordance with good practice.

9.2.9 Fixings must have a minimum head diameter of 70 mm. A typical fixing pattern has three fixings per square metre, with one metal fixing at the centre of every slab (see section 9.1.4 of this Certificate).

9.2.10 The product must be cut and tightly fitted around wall brackets where these occur.

9.2.11 When using double layer configurations, joints between layers must be staggered by ≥100 mm.

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, the product must only be installed by a competent general builder, or a contractor, experienced with this type of systems.

9.4 Maintenance and repair

As the product is confined between the wall and the cladding and has suitable durability and provided the integrity of the cladding is maintained throughout the life of the rainscreen cladding system in which the product is installed, maintenance is not required.

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 the site compression-wrapped in polythene. Each pack carries a label bearing the Certificate holder's name, product description and the BBA logo incorporating the number of this Certificate.

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

11.2.1 Slabs must be stored clear of the ground, on a clean, level surface, and preferably under cover to protect them from prolonged exposure to moisture or mechanical damage.

11.2.2 Dust masks, gloves and long-sleeved clothing must be worn when cutting and handling the slab.

11.2.3 Damaged, contaminated or wet slabs must not be used.

†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.

CE marking

The Certificate holder has taken the responsibility of CE marking the product in accordance with harmonised European Standard EN 13162: 2012.

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 SGS (Certificates PL 18/0695 and PL 18/0696 respectively).

Additional information on installation

Installation must be in accordance with the Certificate holder's instructions and this Certificate. A summary of the procedure is provided below:

Procedure

A.1 Example installations are given in Figures 1 to 3.

Figure 1 Timber frame substrate

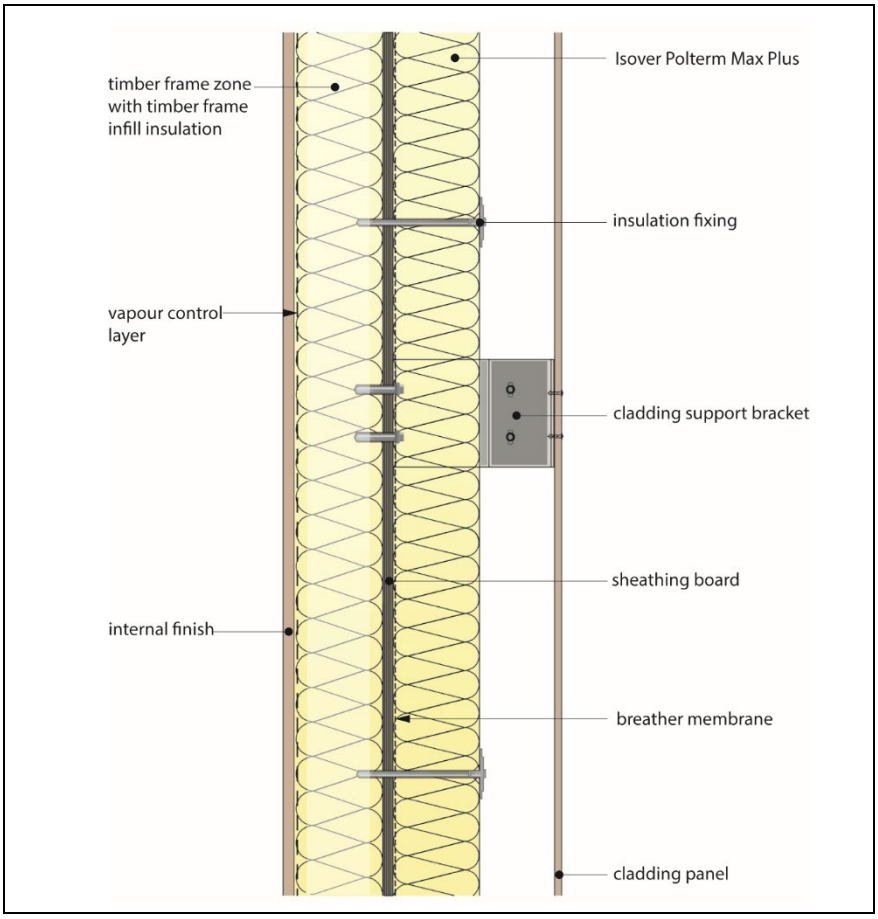


Figure 2 Lightweight steel frame substrate

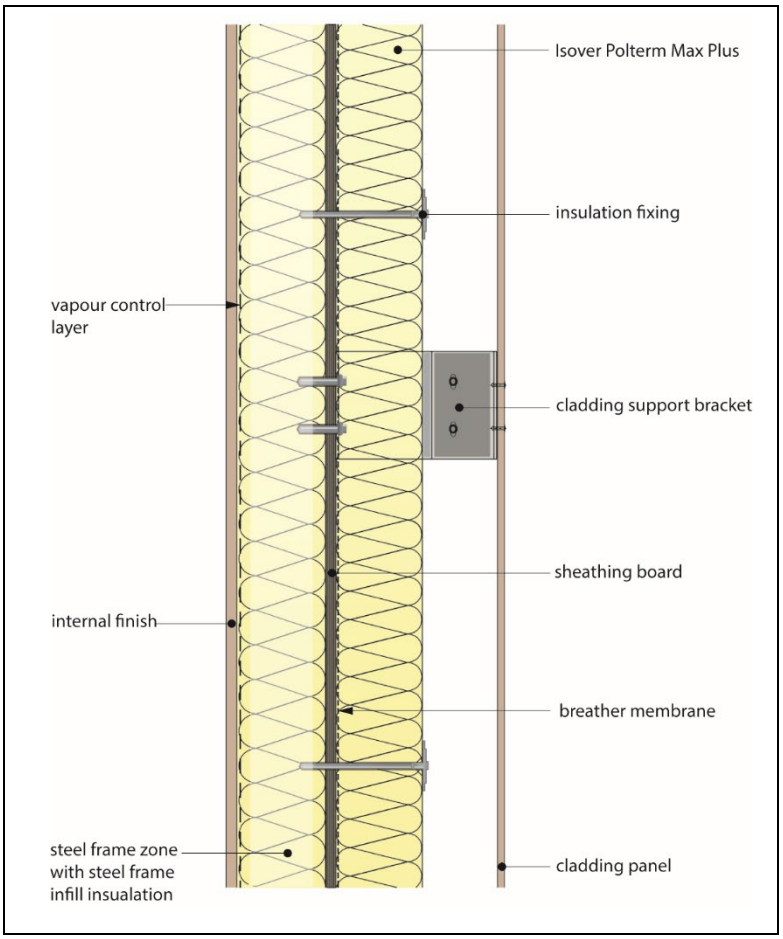
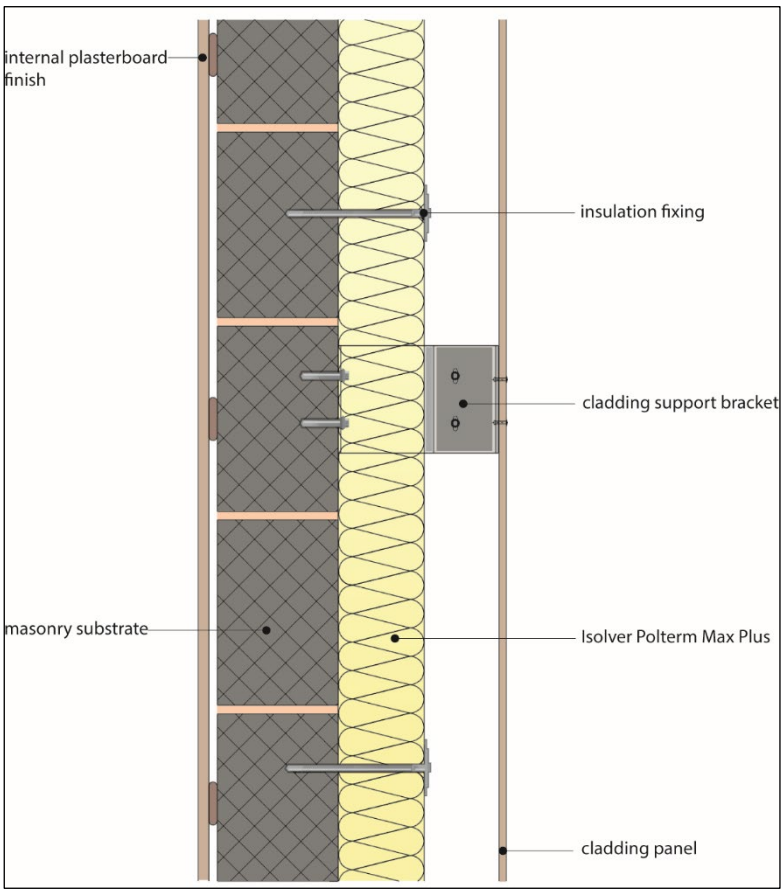


Figure 3 Masonry substrate



Double layering

A.2 The Certificate holder's guidance should be sought on detailed installation methods for specific projects; however such advice is outside the scope of this Certificate.

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