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Agrément Certificate 23/6999

Product Sheet 1 Issue 1

CPG UK FR FACADE AND SEALING MEMBRANES

ILLBRUCK ME014 FR BREATHER MEMBRANE

This Agrément Certificate Product Sheet⁽¹⁾ relates to illbruck ME014 FR Breather Membrane, for use on external walls of timber-frame, steel-frame, Structural Insulated Panel (SIP) and masonry constructions, with a cavity and either a masonry outer leaf, weatherboarding, tile/slate cladding, or rainscreen cladding

(1) Hereinafter referred to as 'Certificate'.

The assessment includes

Product factors:

- compliance with Building Regulations
- compliance with additional regulatory or nonregulatory 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: 1 March 2024

Hardy Giesler

Chief Executive Officer

Certificate amended on 16 May 2024 to revise fire information (including Table 3), Table 4 and section 9.2.

 $This \ \textit{BBA Agr\'ement Certificate is issued under the BBA's Inspection Body accreditation to ISO/IEC 17020. Sections \ marked \ with \ \dot{\tau} \ are \ not \ issued \ under \ accreditation.}$

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

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BBA 23/6999 PS1 Issue 1

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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 illbruck ME014 FR Breather Membrane, 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

Comment:

The product can contribute to satisfying this Requirement. See section 2 of this

Certificate.

Requirement: Comment:

B4(1)

External fire spread

The product may be restricted by this Requirement. See section 2 of this Certificate.

Requirement: Comment:

C2(b)

Resistance to moisture

The product will contribute to a wall satisfying this Requirement. See section 3 of this

Certificate.

Requirement: C2(c)

Resistance to moisture

The product can contribute to a wall satisfying this Requirement. See section 3 of this

Certificate.

Regulation: Comment:

Comment:

7(1)

Materials and workmanship

The product is acceptable. See sections 8 and 9 of this Certificate.



The Building (Scotland) Regulations 2004 (as amended)

Comment:

8(1)

Fitness and durability of materials and workmanship

The product can contribute to a construction satisfying this Regulation. See sections 8

and 9 of this Certificate.

Regulation:

9

Building standards - construction

Standard: Comment: 2.4

The product can contribute to satisfying this Standard with respect to clause 2.4.2⁽¹⁾⁽²⁾.

See section 2 of this Certificate.

Standard:

3.10

Precipitation

Comment:

The product will contribute to a wall satisfying clauses 3.10.1⁽¹⁾⁽²⁾ and 3.10.4⁽¹⁾⁽²⁾ of this

Standard. See section 3 of this Certificate.

Standard:

3.15

Condensation

The product can contribute to limiting the risk of interstitial condensation, with Comment:

reference to clauses 3.15.1⁽¹⁾⁽²⁾ and 3.15.5⁽¹⁾⁽²⁾ of this Standard. See section 3 of this

Certificate.

Standard:

7.1(a)

Statement of sustainability

Comment:

The product can contribute to meeting the relevant requirements of Regulation 9,

Standards 1 to 6 and therefore will contribute to a construction meeting a bronze level

of sustainability as defined in this Standard.

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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) Fitness of materials and workmanship

Comment: (iii)(b)(i) The product is acceptable. See sections 8 and 9 of this Certificate.

Regulation: 28(b) Resistance to moisture and weather

Comment: The product will contribute to a wall satisfying this Regulation. See section 3 of this

Certificate.

Regulation: 29 Condensation

Comment: The product can enable a wall to satisfy 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 may be restricted by this Regulation. See section 2 of this Certificate.

Additional Information

NHBC Standards 2024

In the opinion of the BBA, illbruck ME014 FR Breather Membrane, 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.

Fulfilment of Requirements

The BBA has judged illbruck ME014 FR Breather Membrane to be satisfactory for use as described in this Certificate. The product has been assessed as breather membranes for use on external walls of timber-frame, steel-frame, SIP and masonry constructions, with a cavity and either a masonry outer leaf, weatherboarding, tile/slate cladding, or rainscreen cladding.

ASSESSMENT

Product description and intended use

The Certificate holder provided the following description for the product under assessment. illbruck ME014 FR Breather Membrane is polyester based.

The product has the nominal characteristics given in Table 1.

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Table 1 Nominal characteristics	
Characteristic (unit)	Value
Thickness (mm)	0.40
Mass per unit area (g·m ⁻²)	180
Roll length (m) ⁽¹⁾	50
Roll width (m) ⁽¹⁾	1.5
Colour	
upper face	Black textured
lower face	Black

⁽¹⁾ Other sizes are available to order.

Ancillary Items

The illbruck SP025 FR Membrane Adhesive System has been assessed with the product as a seal around windows or as a dabs applied adhesive to secure the membrane to a substrate.

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:

- TF448 High Performance Bonding Tape a double-sided adhesive tape use to support and attach the membrane back to the substrate
- ME316 Endurance Tape a single-sided adhesive tape used to seal membrane overlaps, mechanical fixings and penetrations
- a range of metal mechanical fasteners and fixings used to fix attached the membrane to the substrate.

<u>Definitions for products and applications inspected</u>

In the absence of other guidance, suitable timber-, steel- and concrete-frame walls are defined as those designed and built in accordance with *NHBC Standards* 2024, Chapters 6.1, 6.2, 6.9 and 6.10.

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 Resistance to mechanical damage

1.1.1 Results of resistance to mechanical damage tests are given in Table 2.

Table 2 Results of mechanical damage tests			
Product assessed	Assessment method	Requirement	Result
illbruck ME014	Nail tear to EN 12310-2 : 2000	≥50 N	Pass
FR Breather	Longitudinal direction/Transverse direction		
Membrane	Low temperature flexibility to MOAT 64 : 2001	Value achieved	-20°C

1.1.2 On the basis of data assessed, the product has adequate strength to resist the loads associated with construction and installation.

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2 Safety in case of fire

Data were assessed for the following characteristics.

2.1 Reaction to fire

2.1.1 The results of reaction to fire tests are given in Table 3.

Table 3 Results of Reaction to fire test			
Product assessed	Assessment method	Requirement	Result
illbruck ME014 FR Breather Membrane with mechanical fixings	Reaction to fire classification to DIN EN 13501-1: 2019 ⁽¹⁾⁽²⁾	Value achieved	Class B-s2, d0 ⁽¹⁾
illbruck ME014 FR Breather Membrane and the illbruck SP025 FR Membrane Adhesive System	Reaction to fire classification to BS EN 13501-1: 2007 ⁽³⁾⁽⁴⁾	Value achieved	Class B-s1, d0 ⁽³⁾

- (1) Classification report K-2302/761/22-MPA BS, issued by MPA Braunschweig. A copy of the report is available from the Certificate holder on request.
- (2) Classification is valid for a substrate of Euroclasses A2-s1, d0 in accordance with BS EN 13501-1 : 2007, with a density ≥ 650 kg·m³, mechanically fixed onto the substrate.
- (3) Classification report 201173, issued by MPA Hannover. A copy of the report is available from the Certificate holder on request.
- (4) Classification is valid for a substrate of Euroclasses A1 or A2-s1,d0 in accordance with BS EN 13501-1 : 2007, having a density ≥ 615 kg·m³, bonded with the illbruck SP025 FR Membrane Adhesive System directly onto a substrate with vertical joints.
- 2.1.2 The constructions defined in Table 3 are unrestricted in terms of height and proximity to a relevant boundary by the documents supporting the national Building Regulations. However, in Scotland, restrictions on the overall construction may apply, depending on the reaction to fire classification achieved by the complete build-up, which must be established on a case by case basis.
- 2.1.3 When classified to EN 13501-1 : 2007, illbruck SP025 FR Membrane Adhesive achieved a reaction to fire classification of Class B-s1, $d0^{(1)(2)}$.
- (1) Classification report 20-004743-PR04, issued by IFT Rosenheim. A copy of the report is available from the Certificate holder on request.
- (2) Classification is valid for use as a sealant material for facades and glazing in combination with non-combustible building material classified A1, or A2-s1, d0 according to EN 13501-1: 2018.
- 2.1.4 The performance defined in Table 3 may not be achieved over other substrates and the classification and permissible areas of use of other material combinations must be established in accordance with the requirements of the documents supporting the national Building Regulations.
- 2.1.5 Designers must refer to the relevant national Building Regulations and guidance for alternative approaches and detailed conditions of use, particularly in respect of requirements for cavity closers and barriers, 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 Weathertightness
- 3.1.1 Results of weathertightness tests are given in Table 4.

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Table 4 Weathertightness			
Product assessed	Assessment method	Requirement	Result
illbruck ME014 FR Breather	Water resistance to BS EN 1928 : 2000	W1 ⁽¹⁾	Pass
Membrane	2 hours at 2 kPa		
	Tensile strength to BS EN 12311-1 : 2000	Value achieved	
	Longitudinal direction		400 N·(50 mm) ⁻¹
	Transverse direction		230 N·(50 mm) ⁻¹
Illbruck ME014 FR Breather	Water penetration to BS EN 1027 : 2016	Value achieved	Class AE1200
Membrane and illbruck SP025	classified to BS EN 14351-1: 2006 and		
FR Membrane Adhesive	BS EN 12208 : 2000		
System			

⁽¹⁾ In accordance with requirement W1 within BS EN 13859-2: 2014

- 3.1.2 The product satisfies the requirement for a Class W1 material in accordance with BS EN 13859-2: 2014 and the NHBC requirement given in *NHBC Standards* 2024, Chapter 6.2, for use in very severe conditions.
- 3.1.3 The product resists penetration of liquid water and consequently can be used as temporary weather protection during construction, prior to the completion of external brickwork or cladding
- 3.1.4 Appropriate ventilation must be provided behind the rainscreen cladding over the surface of the product.

3.2 Condensation

3.2.1 Results of water vapour resistance tests are given in Table 5.

Table 5 Water vapour resistar	nce		
Product assessed	Assessment method	Requirement	Result
illbruck ME014 FR Breather Membrane	Water vapour resistance to DIN ISO 12572 : 2003	≤ 0.6 MN·s·g ⁻¹	Pass
_	Equivalent air layer thickness (s _d) to	< 0.12 m	Pass
	DIN ISO 12572: 2003		

- 3.2.2 A condensation risk analysis was carried out based on the result given in Table 5 and satisfactory conclusions were drawn.
- 3.2.3 On the basis of the data assessed the water vapour resistance of the product is less than 0.6 MN·s·g⁻¹, and it is classified as a breather membrane in accordance with BS 5250 : 2021. It will, therefore, contribute towards minimising the risk of interstitial condensation in walls designed and constructed in accordance with BS 5250 : 2021.

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 product includes polyester, which can be recycled.

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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 6.

Table 6 Results of durability te	sts		
Product assessed	Assessment method	Requirement	Result
illbruck ME014 FR Breather	Dimensional stability to BS EN 1107-2: 2001	≤2%	
Membrane	Longitudinal direction		Pass
	Transverse direction		Pass
	Tensile strength to BS EN 12311-1: 2000	Change < 30%	
	336 hours UV conditioning (continuous UVA-		
	340 irradiance 0.83 at 50°C followed by 200		
	days heat ageing at 70°C		
	Longitudinal direction		Pass
	Transverse direction		Pass
	Water resistance to BS EN 1928 : 2000	No leakage	Pass
	4 hours UVA-340 at 50°C and 4 hours		
	condensation at 50°C for a total 5000 hours,		
	with an irradiance setting of 0.83 MJ·m ⁻²		
illbruck ME014 FR Breather	Peel strength to MOAT 65: 4.3.3 2001	Value achieved	19.1 N
Membrane and SP025 FR	336 hours UV conditioning (continuous UVA-		
Membrane Adhesive System	340 irradiance 0.83 at 50°C in accordance		
on fibre cement substrate	with BS EN 13859) followed by 200 days heat		
	ageing at 70°C		

On the basis of data assessed, illbruck ME014 FR Breather Membrane can be used in rainscreen cladding with open joints of up to 50 mm and a minimum plank width/joint width ratio of 2:1.

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 by the BBA and the following requirements apply in order to satisfy the performance assessed in this Certificate.
- 9.1.2 The product is breathable and will limit the risk of condensation within the wall structure.
- 9.1.3 The product can be damaged by high winds, careless handling or vandalism and must not be left exposed for longer than is absolutely necessary. Any damaged areas must be repaired or replaced before completion in accordance with section 9.4.
- 9.1.4 The risk of condensation occurring within the wall of a building will depend upon the properties and vapour resistance of other materials used in the construction, the internal and external conditions and the effectiveness of

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the air and vapour control layer (AVCL).

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 The product must be installed in accordance with the Certificate holder's instructions, the provisions of this Certificate and the relevant recommendations given in the *NHBC Standards* 2024.
- 9.2.3 The product must be installed in accordance with the Certificate holder's instructions either using the illbruck SP025 FR Membrane Adhesive System or mechanical fixings depending on site conditions.
- 9.2.4 Where wood preservatives and damp-proofing treatments containing solvents have been applied, sufficient time must be allowed for solvents to disperse before the product is installed.
- 9.2.5 Surfaces to which the product is being adhered must be sound, dry, frost-free, smooth and free from dust, silicone and grease.
- 9.2.6 The product is installed with the coated, smooth face always facing outwards to the external environment, with the textured side facing the substrate.
- 9.2.7 The product must be installed in such a way as to shed water away from the sheathing and below the lowest timber. Upper layers must be lapped over lower layers.

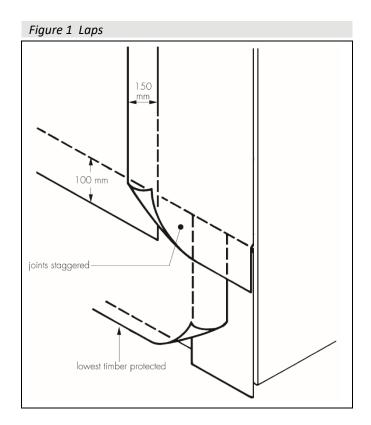
9.2.8 Adhesive bonding

- 9.2.8.1 The SP025 FR Membrane Adhesive System must be applied with a minimum 10 mm diameter bead, between 5 and 40°C.
- 9.2.8.2 Once the bead is applied, the product must be rolled with a seam roller to achieve a 20 to 30 mm wide by 2 to 3 mm depth of consolidated adhesive.

9.2.9 Mechanical fixing

- 9.2.9.1 The product must be secured with staples to prevent damage by wind.
- 9.2.9.2 Nails must be of galvanized or sherardized mild steel, austenitic stainless steel, phosphor bronze or silicon bronze, and staples must be of austenitic stainless steel.
- 9.2.9.3 Staples must be installed at 600 mm centres horizontally and 300 mm centres vertically, and oversealed with illbruck ME316 Total Protection Tape.
- 9.2.10 Horizontal laps must be at least 100 mm and vertical laps 150 mm. Vertical laps must be staggered wherever possible (see Figure 1) Sealed using the pre-applied self-adhesive strips on the membrane's edge or illbruck ME316 Total Protection Tape.
- 9.2.11 All overlaps must be sealed using the pre-applied self-adhesive strips on the membrane edges or illbruck ME316 Total Protection Tape.

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- 9.2.11 The positions of studs must be marked to enable wall tie fixing.
- 9.2.12 The lowest timbers in the wall must be protected by the product.
- 9.2.13 The product can be damaged by high winds, careless handling or vandalism and must not be left exposed for longer than is necessary.
- 9.2.14 Penetrations must be fully sealed with illbruck ME316 Total Protection Tape.

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

- 9.4 Maintenance and repair
- 9.4.1 As the product is confined to the wall and has suitable durability, maintenance is not required.
- 9.4.2 Damage to the product must be repaired prior to the installation of the external walls or cladding, by laying another sheet over the damaged area and sealing correctly, ensuring water is shed away from the sheathing.

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.

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- 10.1.2 The quality control operated over batches of incoming materials has been assessed and deemed appropriate and adequate.
- 10.1.3 The quality control procedures and product testing to be undertaken have been assessed and deemed appropriate and adequate.
- 10.1.4 The process for management of non-conformities has been assessed and deemed appropriate and adequate.
- 10.1.5 An audit of each production location was undertaken, and it was confirmed that the production process was in accordance with the documented process, and that equipment has been properly tested and calibrated.
- † 10.2 The BBA has undertaken to review the above measures on a regular basis through a surveillance process, to verify that the specifications and quality control operated by the manufacturer are being maintained.

11 Delivery and site handling

- 11.1 The Certificate holder stated that the product is delivered to site in 24 roll pallets bearing the product name, the Certificate holder's name, and batch number.
- 11.2 Delivery and site handing must be performed in accordance with the Certificate holder's instructions and this Certificate, including:
- 11.2.1 Rolls must be stored flat or on end, on a level, clean surface, under cover and protected from sunlight.

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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.

<u>Construction (Design and Management) Regulations 2015</u> <u>Construction (Design and Management) Regulations (Northern Ireland) 2016</u>

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 13859-2: 2010.

CE marking

The Certificate holder has taken the responsibility of CE marking the product, in accordance with harmonised European Standard EN 13859-2: 2010.

Additional information on installation

A.1 All overlaps must be sealed using the pre-applied self-adhesive strips on the membrane edges or illbruck ME316 Total Protection Tape.

A.2 The product should be installed in accordance with the Certificate recommendations, to suit the substrate type and to meet the environmental and wind load conditions anticipated on site. This may include the use of mechanical fixing (staple/fastener), illbruck SP025 FR Membrane Adhesive, TF448 (double sided tape) or ME316 (single sided tape).

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Bibliography

BS 5250: 2021 Management of moisture in buildings — Code of practice

BS EN 1107-2 : 2001 Flexible sheets for waterproofing — Determination of dimensional stability — Plastic and rubber sheets for roof waterproofing

BS EN 1928 : 2000 Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Determination of watertightness

BS EN 12311-1 : 2000 Flexible sheets for waterproofing — Determination of tensile properties — Bitumen sheets for roof waterproofing

BS EN 13501-1 : 2007 + A1 : 2009 Fire classification of construction products and building elements — Classification using test data from reaction to fire tests

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

BS EN 13859-2 : 2014 Flexible sheets for waterproofing — Definitions and characteristics of underlays — Underlays for walls

DIN EN 13501-1 : 2010 Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests

DIN ISO 12572 : 2003 Hygrothermal performance of building materials and products — Determination of water vapour transmission properties — Cup method

EN 12310-2 : 2000 Flexible sheets for waterproofing. Determination of resistance to tearing (nail shank) — Plastic and rubber sheets for roof waterproofing

 $EN \ 13859-2: 2010 \ \textit{Flexible sheets for waterproofing} - \textit{Definitions and characteristics of underlays} - \textit{Underlays for walls} \\$

MOAT 64: 2001 UEAtc Technical guide for the assessment of roof waterproofing systems made of reinforced APP or SBS polymer modified bitumen sheets

MOAT 65: 2001 UEAtc Technical Guide for the Assessment of Non-Reinforced, Reinforced and/or Backed Roof Waterproofing Systems made of PVC

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Conditions of Certificate

Conditions

- 1 This Certificate:
- relates only to the product that is named and described on the front page
- is issued only to the company, firm, organisation or person named on the front page no other company, firm, organisation or person may hold or claim that this Certificate has been issued to them
- is valid only within the UK
- has to be read, considered and used as a whole document it may be misleading and will be incomplete to be selective
- is copyright of the BBA
- is subject to English Law.
- 2 Publications, documents, specifications, legislation, regulations, standards and the like referenced in this Certificate are those that were current and/or deemed relevant by the BBA at the date of issue or reissue of this Certificate.
- 3 This Certificate will be displayed on the BBA website, and the Certificate Holder is entitled to use the Certificate and Certificate logo, provided that the product and its manufacture and/or fabrication, including all related and relevant parts and processes thereof:
- are maintained at or above the levels which have been assessed and found to be satisfactory by the BBA
- continue to be checked as and when deemed appropriate by the BBA under arrangements that it will determine
- are reviewed by the BBA as and when it considers appropriate.
- 4 The BBA has used due skill, care and diligence in preparing this Certificate, but no warranty is provided.
- 5 In issuing this Certificate the BBA is not responsible and is excluded from any liability to any company, firm, organisation or person, for any matters arising directly or indirectly from:
- the presence or absence of any patent, intellectual property or similar rights subsisting in the product or any other product
- the right of the Certificate holder to manufacture, supply, install, maintain or market the product
- actual installations of the product, including their nature, design, methods, performance, workmanship and maintenance
- any works and constructions in which the product is installed, including their nature, design, methods, performance, workmanship and maintenance
- any loss or damage, including personal injury, howsoever caused by the product, including its manufacture, supply, installation, use, maintenance and removal
- any claims by the manufacturer relating to UKCA marking and CE marking.

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

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