

## EFFISUS UNIPESSOAL LDA

Travessa José Oliveira Mendes,  
n.º 87 e nº 103 Calendário,  
4760-912 Vila Nova de Famalicão,  
Portugal

Tel: 00 351 252 085 574 Fax: 00 351 252 081 644

e-mail: geral@effisus.com

website: www.effisus.com



## Agrément Certificate

21/5951

Product Sheet 4 Issue 1

### EFFISUS ECOFACADE ENVELOPE SYSTEM

### EFFISUS PROFLEX FR MEMBRANE SYSTEM

This Agrément Certificate Product Sheet<sup>(1)</sup> relates to the Effisus ProFlex FR Membrane System, for use as weathertight and airtight sealing for floor to window element junctions in the building structure above ground level.

(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<sup>†</sup>:

- 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 system described herein. This system 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: 30 March 2025

Hardy Giesler  
Chief Executive Officer

*This BBA Agrément Certificate is issued under the BBA's Inspection Body accreditation to ISO/IEC 17020. Sections marked with <sup>†</sup> 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

1<sup>st</sup> Floor, Building 3, Hatters Lane  
Croxley Park, Watford  
Herts WD18 8YG

©2025

tel: 01923 665300  
clientservices@bbacerts.co.uk  
www.bbacerts.co.uk

## SUMMARY OF ASSESSMENT AND COMPLIANCE

This section provides a summary of the assessment conclusions; readers should refer to the later sections of this Certificate for information about the assessments carried out.

### Compliance with Regulations

Having assessed the key factors, the opinion of the BBA is that Effisus ProFlex FR Membrane System, 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)

<b>Requirement:</b> B3(4)	<b>External fire spread</b> The system can contribute to satisfying this Requirement. See section 2 of this Certificate.
<b>Requirement:</b> B4(1)	<b>External fire spread</b> The system may be unrestricted by this Requirement. See section 2 of this Certificate.
<b>Requirement:</b> C2(b)	<b>Resistance to moisture</b> The system will contribute to satisfying this Requirement. See section 3 of this Certificate.
<b>Requirement:</b> L1(a)(i)	<b>Conservation of fuel and power</b> The system can contribute to satisfying this Requirement. See section 6 of this Certificate.
<b>Regulation:</b> 7(1)	<b>Materials and workmanship</b> The system is acceptable. See sections 8 and 9 of this Certificate.
<b>Regulation:</b> 25B	<b>Nearly zero-energy requirements for new buildings</b>
<b>Regulation:</b> 26	<b>CO<sub>2</sub> emission rates for new buildings</b>
<b>Regulation:</b> 26A	<b>Fabric energy efficiency rates (applicable to England only)</b>
<b>Regulation:</b> 26A	<b>Primary energy rates for new buildings (applicable to Wales only)</b>
<b>Regulation:</b> 26B	<b>Fabric performance values for new dwellings (applicable to Wales only)</b>
<b>Regulation:</b> 26C	<b>Target primary energy rates for new buildings (applicable to England only)</b>
<b>Regulation:</b> 26C	<b>Minimum energy efficiency rating (applicable to Wales only)</b>
<b>Comment:</b>	The system can contribute to satisfying these Regulations. See section 6 of this Certificate.



#### The Building (Scotland) Regulations 2004 (as amended)

<b>Regulation:</b> 8(1)(2)	<b>Fitness and durability of materials and workmanship</b> The system can contribute to satisfying the requirements of this Regulation. See sections 8 and 9 of this Certificate.
<b>Regulation:</b> 9	<b>Building standards – construction</b>
<b>Standard:</b> 2.4	Cavities The system can contribute to satisfying this Standard, with reference to clause 2.4.2 <sup>(1)(2)</sup> . See section 2 of this Certificate.
<b>Standard:</b> 3.10	Precipitation The system will contribute to satisfying this Standard, with reference to clause 3.10.1 <sup>(1)(2)</sup> . See section 3 of this Certificate.

Standard:	6.1(b)(c)	Energy demand
Standard:	6.2	Building insulation envelope
Comment:		The system can contribute to satisfying these Standards, with reference to clauses 6.1.1 <sup>(1)</sup> , 6.1.2 <sup>(2)</sup> , 6.2.4 <sup>(1)</sup> and 6.2.5 <sup>(2)</sup> . See section 6 of this Certificate.
Standard:	7.1(a)(b)	Statement of sustainability
Comment:		The system 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 system can contribute to a construction meeting a higher level of sustainability as defined in this Standard, with reference to clauses 7.1.4 <sup>(1)</sup> , 7.1.6 <sup>(1)(2)</sup> , 7.1.7 <sup>(1)</sup> , 7.1.9 <sup>(2)</sup> and 7.1.10 <sup>(2)</sup> . See section 6 of this Certificate.
<b>Regulation:</b>	<b>12</b>	<b>Building standards – conversion</b>
Comment:		Comments in relation to the system under Regulation 9, Standards 1 to 6, also apply to this Regulation, with reference to clause 0.12.1 <sup>(1)(2)</sup> and Schedule 6 <sup>(1)(2)</sup> .
		(1) Technical Handbook (Domestic).
		(2) Technical Handbook (Non-Domestic).



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

Regulation:	23(1)(a)(i)	<b>Fitness of materials and workmanship</b>
Comment:	(iii)(b)(i)(ii)	The system is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	28(b)	<b>Resistance to moisture and weather</b>
Comment:		The system will contribute to satisfying this Regulation. See section 3 of this Certificate.
Regulation:	35(4)	<b>Internal fire spread - structure</b>
Comment:		The system can contribute to satisfying this Regulation. See section 2 of this Certificate.
Regulation:	36(a)	<b>External fire spread</b>
Comment:		The system is unrestricted by this Regulation. See section 2 of this Certificate.
Regulation:	39(a)(i)	<b>Conservation measures</b>
Regulation:	40(2)	<b>Target carbon dioxide emission rate</b>
Regulation:	43(1)(2)	<b>Renovation of thermal elements</b>
Regulation:	43B	<b>Nearly zero-energy requirements for new buildings</b>
Comment:		The system can contribute satisfying these Regulations. See section 6 of this Certificate.

## Additional Information

### NHBC Standards 2025

In the opinion of the BBA, Effisus ProFlex FR Membrane System, 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 6.7 *Doors, windows, and glazing*, 6.9 *Curtain walling and cladding* and 6.10 *Light steel frame walls and floors*.

## Fulfilment of Requirements

The BBA has judged Effisus ProFlex FR Membrane System to be satisfactory for use as described in this Certificate. The system has been assessed for use as weathertight and airtight sealing membrane for floor to window element junctions in the building structure above ground level.

## ASSESSMENT

### Product description and intended use

The Certificate holder provided the following description for the system under assessment. The Effisus ProFlex FR Membrane System is a multi-layered membrane consisting of a fire-retardant polymer on both sides and a fire-retardant polymer-reinforced core.

The membrane has the nominal characteristics given in Table 1.

*Table 1 Nominal characteristics*

	Effisus ProFlex FR Membrane
Thickness	1 mm
Width	100 to 1400 mm
Length	20 m
Mass per unit area	1105 g.m <sup>-2</sup>
Colour (upper and lower face)	White

#### Ancillary Items

The following ancillary items are essential to use with the system and have been assessed with the system:

- Effisus 2Bond DS Tape – a double-sided tape used for bonding on porous surfaces or smooth substrates
- Effisus Bonding KF Adhesive – an adhesive for bonding Effisus ProFlex FR Membrane to the substrate or between Effisus ProFlex FR membranes
- Effisus Bonding KFP Adhesive – an adhesive for bonding Effisus ProFlex FR Membrane to conventional building substrates or between Effisus membranes.

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

- Effisus Coat NP Primer – a primer for porous surfaces
- Effisus Cleaner LV – a surface cleaner used prior to the application of the adhesives and primer.

#### Applications

The system has been assessed for use on the following substrates:

- concrete
- masonry
- cement fibreboard
- aluminium
- steel
- non-coated wood

## Product assessment – key factors

The system was assessed for the following key factors, and the outcome of the assessment 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 characteristic.

#### 2.1 Reaction to fire

2.1.1 The reaction to fire classifications of the system is given in Table 2.

*Table 2 Reaction to fire classification*

Product assessed	Assessment method	Requirement	Result
Effisus ProFlex FR Membrane (no substrate)	BS EN 13501-1 : 2018	Classification achieved	B- s3, d0 <sup>(1)</sup>
12 mm calcium silicate substrate <sup>(4)</sup> , ProFlex FR Membrane bonded with Effisus Bonding KF Adhesive	BS EN 13501-1 : 2018	Classification achieved	B- s3, d0 <sup>(2)</sup>
12 mm calcium silicate substrate <sup>(4)</sup> , ProFlex FR Membrane bonded with Effisus Bonding KFP Adhesive	BS EN 13501-1 : 2018	Classification achieved	B- s3, d0 <sup>(3)</sup>

(1) BTTG test report 10/24704 C dated 23 January 2023, copies available from the Certificate holder on request.

(2) BTTG test report 27/06071D/01/23 dated 4 April 2023, copies available from the Certificate holder on request.

(3) BTTG test report 27/06204/07/23 dated 29 August 2023, copies available from the Certificate holder on request.

(4) Outside the scope of this Certificate

2.1.2 This performance may not be achieved by other constructions including the system. The classifications and permissible areas of use of other material combinations must be established in accordance with the documents supporting the national Building Regulations.

2.1.3 On the basis of data assessed, the system will be restricted in use under the documents supporting the national Building Regulations in some cases.

2.1.4 In England, Wales and Northern Ireland, the constructions defined in Table 2 are unrestricted in terms of height and proximity to a relevant boundary.

2.1.5 In Scotland, the use of the system is unrestricted in terms of height and proximity to a relevant boundary by the documents supporting the national Building Regulations. However, restrictions on the overall construction may apply, depending on the reaction to fire classification achieved by the build-up, which must be established on a case-by-case basis

2.1.6 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 3

**Table 3 Weathertightness**

Product assessed	Assessment method	Requirement	Result
Effisus ProFlex FR Membrane	Watertightness to BS EN 1027 : 2000	No leakage at 600 Pa	Pass
Effisus ProFlex FR Membrane	Resistance to water penetration at 2 kPa based on BS EN 1928 : 2000 - method A	No leakage	Pass
Effisus ProFlex FR Membrane with Effisus 2Bond DS Tape	Peel from substrate (concrete) to MOAT 66:4.3.3 <sup>(1)</sup>	Value achieved	130 N·(50 mm) <sup>-1</sup>
Effisus ProFlex FR Membrane with Effisus Bonding KF Adhesive	Peel from substrate to MOAT 66:4.3.3 <sup>(1)</sup> Concrete Aluminium	Value achieved	38.1 N·(50 mm) <sup>-1</sup> 30.0 N·(50 mm) <sup>-1</sup>
Effisus ProFlex FR Membrane with Effisus Bonding KFP Adhesive	Peel from substrate to MOAT 66:4.3.3 <sup>(1)</sup> Concrete Aluminium	Value achieved	16.4 N·(50 mm) <sup>-1</sup> 20.0 N·(50 mm) <sup>-1</sup>

(1) Specimens were conditioned for a minimum of 6 hours at (23±2)°C and (50±5)%rh prior to testing.

3.1.2 On the basis of data assessed, the system will resist the passage of water, wind-driven rain and dust into the interior of a building.

3.1.3 The system will satisfy the Class 9A requirements of BS EN 12208 : 2000.

### 3.2 Condensation

3.2.1 The results of water vapour diffusion tests are given in Table 4.

**Table 4 Water vapour diffusion – equivalent air layer thickness**

Product assessed	Assessment method	Requirement	Result
Effisus ProFlex FR Membrane	Water vapour diffusion -equivalent air layer thickness to BS EN 1931 : 2000 – Method B	Declared value $s_d = 56 \pm 5 \text{ m}^{(1)}$	Pass

(1) Water vapour resistance may be taken as  $5 \times s_d$  value.

3.2.2 On the basis of data assessed, the system will not adversely affect the risk of interstitial condensation, provided it is used in conjunction with a suitable AVCL.

### 3.3 Resistance to mechanical damage

3.3.1 Results of resistance to mechanical damage tests are given in Table 5.

**Table 5 Mechanical damage**

Product assessed	Assessment method	Requirement	Result
Effisus ProFlex FR Membrane	Tensile strength to BS EN 12311-1 : 2000 Longitudinal direction: Transversal direction:	Declared values 1160 N·(50 mm) <sup>-1</sup> 630 N·(50 mm) <sup>-1</sup>	Pass Pass
Effisus ProFlex FR Membrane	Elongation to BS EN 12311-1 : 2000 Longitudinal direction: Transversal direction:	Declared values 79% 203%	Pass Pass
Effisus ProFlex FR Membrane	Resistance to tearing to BS EN 12310-1 : 2000 Longitudinal direction: Transversal direction:	Declared values 315N 363N	Pass Pass

3.3.2 On the basis of data assessed, the system has adequate strength to resist the loads associated with installation.

## 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 characteristic.

### 6.1 Conservation of fuel and power

6.1.1 Results of airtightness tests are given in Table 6.

*Table 6 Airtightness*

Product assessed	Assessment method	Requirement	Result
Effisus ProFlex FR Membrane	Airtightness to BS EN 12114 : 2000 with a window	Value achieved	0 m <sup>3</sup> ·h <sup>-1</sup> ·m <sup>-2</sup> at 50 Pa
Effisus ProFlex FR Membrane	Air permeability to BS EN 1026 : 2016 with a window	600 Pa	Pass

6.1.2 Based on data assessed, the system, when installed correctly, can contribute to minimising heat loss by unplanned air infiltration.

6.1.3 When installed in suitable windows, the system will have an air infiltration of at least Class 4 classification according to BS EN 12207 : 2016. Guidance documents in this respect are found in the documents supporting the national Building Regulations.

## 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 system was assessed.

8.2 Specific test data were assessed as given in Table 7.

Table 7 Results of durability tests

Product assessed	Assessment method	Requirement	Result
Effisus ProFlex FR Membrane	Tensile strength to EN 12311-1 : 2000 after 336 hours UVA340 at 50°C followed by heat ageing at 70°C for 90 days Longitudinal direction: Transversal direction:	Declared values 1165 N·(50 mm) <sup>-1</sup> 606 N·(50 mm) <sup>-1</sup>	Pass
Effisus ProFlex FR Membrane	Elongation to EN 12311-1 : 2000 after 336 hours UVA340 at 50°C, followed by heat ageing at 70°C for 90 days Longitudinal direction: Transversal direction:	Declared values 74% 189%	Pass
Effisus ProFlex FR Membrane	Dimensional stability to BS EN 1107-2 : 2001	Declared value <0.64%	Pass
Effisus ProFlex FR Membrane	Resistance to water penetration to BS EN 1928 : 2000 – method A, after 336h UVA340 at 50°C, followed by heat ageing at 70°C for 90 days	Class W1	Pass
Effisus ProFlex FR Membrane with Effisus 2Bond DS Tape	Peel from substrate to MOAT 66:4.3.3 : 2001 after heat ageing at 80°C for 28 days Concrete	No significant deterioration	Pass
Effisus ProFlex FR Membrane with Effisus Bonding KF Adhesive	Peel from substrate to MOAT 66:4.3.3 : 2001 after heat ageing at 80°C for 28 days Concrete Aluminium	No significant deterioration	Pass
Effisus ProFlex FR Membrane with Effisus Bonding KFP Adhesive	Peel from substrate to MOAT 66:4.3.3 : 2001 after heat ageing at 80°C for 28 days Concrete Aluminium	No significant deterioration	Pass

### 8.3 Service life

Under normal service conditions, the system will have a life of at least equivalent to the frame 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 risk of interstitial condensation will depend on the construction and must be assessed for each project.

9.1.3 The system is not designed to withstand a head of water; in these situations, the advice of the Certificate holder must be sought but such advice is 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.

9.2.3 All substrates must be clean, dry and free from any contaminants to ensure an effective adhesive bond.

Unstable or crumbling surfaces must be cleared of loose particles or sanded and stabilised. Before applying any Effisus ProFlex FR system accessories, surfaces must be thoroughly cleaned, ensuring the substrate is completely degreased. In cases of doubt on the suitability of the substrate the advice of the Certificate holder must be sought, but such advice and any products used are outside the scope of this Certificate.

9.2.4 In case of precipitation (rain, snow, dense fog or any risk of condensation), application of the adhesive/sealant must be suspended.

9.2.5 A suitable primer must be used for surface preparation and treatment of porous surfaces, or application within a temperature range of 5°C - 10°C to improve surface adhesion of the Effisus ProFlex FR Membrane System. The Certificate holder can advise on suitable materials for this purpose, but such advice and products are outside the scope of this Certificate.

9.2.6 Where priming is required, the total substrate area to which the membrane is to be applied is coated, ensuring a full even coverage, without excess primer. The applied primer is left until touch dry, in normal conditions approximately 10 minutes, prior to application of the adhesive.

9.2.7 Bonding of the membrane is achieved by use of Effisus Bonding KF Adhesive, Effisus Bonding KFP Adhesive, or Effisus 2Bond DS Tape.

9.2.8 For adhesive bonding, the membrane is fixed using an 8 mm-diameter bead of Effisus Bonding KF or KFP Adhesive, applying pressure to form an adhesive surface approximately 40 mm wide. The number of beads required depends on the membrane width as given in Table 8.

*Table 8 Effisus Bonding KF or KFP Adhesives application*

<b>Membrane Width</b>	<b>Number of beads on each edge</b>
100 – 250 mm	1
250 – 500 mm	1-2
500 – 1300 mm	2-3

9.2.9 After applying Effisus Bonding KF or KFP Adhesive to the support, the Effisus ProFlex FR Membrane must be pressed onto the surface immediately, applying firm pressure across the entire bonding area with a silicone roller.

9.2.10 Effisus ProFlex FR Membrane can be fixed to smooth or porous substrates using Effisus 2Bond DS Tape. The number and width of bands required depends on the membrane width, as given in Table 9.

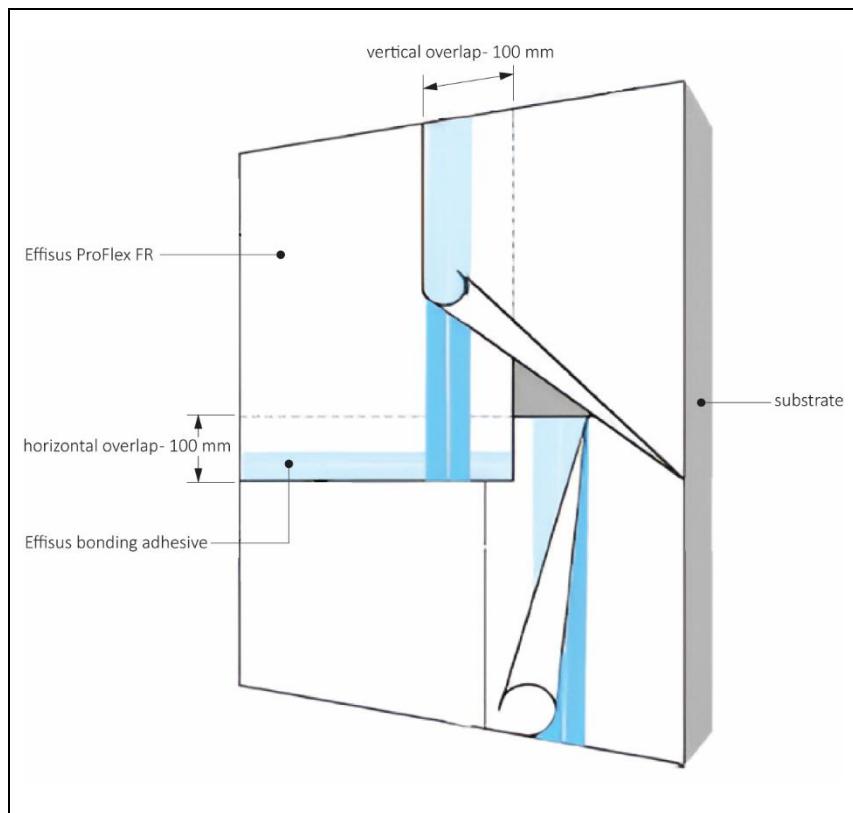
*Table 9 Effisus 2Bond DS Tape application*

<b>Membrane Width</b>	<b>Width of the tape</b>
100 – 200 mm	25 mm
200 – 400 mm	50 mm
400 – 700 mm <sup>(1)</sup>	50 mm + 25 mm
700 – 1300 mm <sup>(1)</sup>	50 mm + 50 mm

(1) Please contact the certificate holder for further recommendations.

9.2.11 Upper layers must always overlap lower layers to facilitate the runoff of rainwater. Horizontal joints must overlap by a minimum of 100 mm. Vertical joints must also overlap by a minimum 100 mm and be staggered or offset wherever possible (see Figure 1).

Figure 1 Effisus ProFlex FR Membrane – Overlapping Joints



9.2.12 To complete the installation, an 8 mm-diameter bead of Effisus Bonding KF or KFP Adhesive must be applied around the entire perimeter of the installed Effisus ProFlex FR Membrane.

9.2.13 All nail/screw perforations <25 mm in diameter must be sealed with a 50 x 50 mm patch of Effisus 2Bond DS Tape.

### 9.3 Workmanship

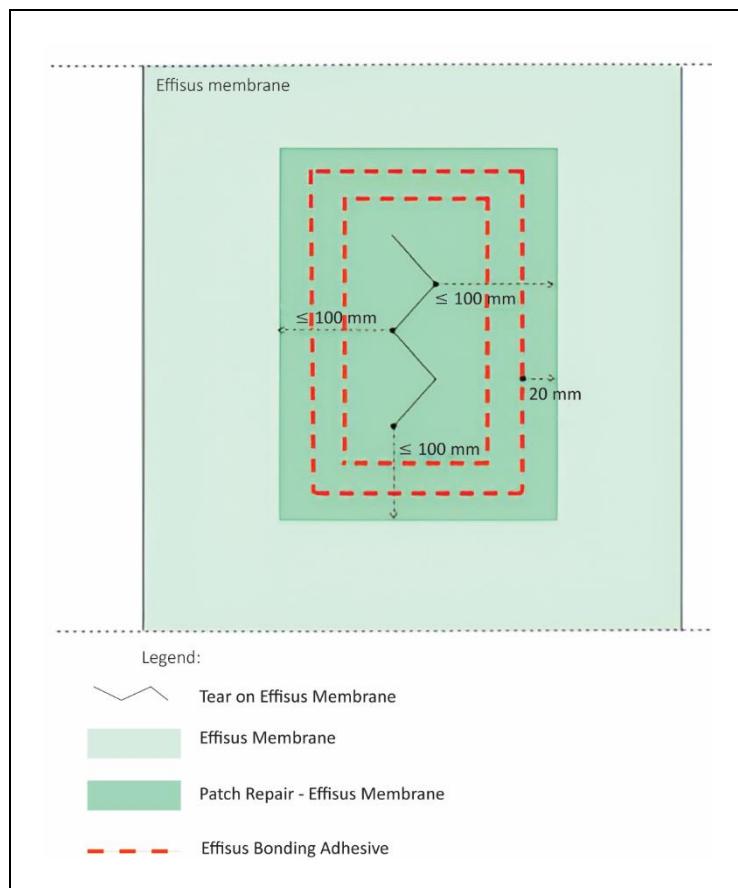
Practicability of installation was assessed by the BBA and on the basis of the Certificate holder's information. To achieve the performance described in this Certificate, installation of the system must be carried out by a trained competent general builder, or a contractor, experienced with these type of system.

### 9.4 Maintenance and repair

9.4.1 As the system is confined within the final construction and have suitable durability, maintenance is not required.

9.4.2 Any damage to the system must be repaired promptly, before applying the finishing layer(s) of the construction detail. To repair, a patch of Effisus ProFlex FR Membrane must be applied, extending at least 100 mm in every direction from the damaged area. Effisus Bonding KF or KFP Adhesive must be applied between 20 to 50 mm from the patch edges and the repair secured with two 8 mm-diameter beads of Effisus Bonding KF or KFP Adhesive (see Figure 2).

Figure 2 Effisus ProFlex FR Membrane – Repair



9.4.3 In case of doubt, advice on a suitable repair method must be sought from the Certificate holder, but such advice is outside the scope of the Certificate.

## 10 Manufacture

10.1 The production processes for the system components 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 membrane is delivered to site in rolls, with paper and polyethylene wrappings bearing the Certificate holder's name, the grade identification, the technical specification, and the BBA logo incorporating the number of this Certificate.

11.2 Effisus Bonding KF and KFP Adhesive are supplied in 600 ml tubes. Effisus 2Bond DS Tape is supplied in roll widths of 25 mm or 50 mm, with a roll length of 15.25 m.

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

11.3.1 Rolls must be stored flat on their side, in their original packaging, on a smooth, clean, dry surface, under cover and protected from sunlight and extreme weather conditions or mechanical damage.

11.3.2 Rolls must be stored indoor, must not be exposed to sources of heat, or high temperatures and must be kept within temperatures of 5°C and 35°C.

11.3.3 Effisus Bonding KF or KFP Adhesive must be stored in original containers and must be kept within temperatures of 15°C and 35°C.

## **†ANNEX A – SUPPLEMENTARY INFORMATION**

Supporting information in this Annex is relevant to the system 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 system in accordance with Designated Standard EN 13859-2 : 2010.

### **CE marking**

The Certificate holder has taken the responsibility of CE marking the system in accordance with Harmonised Standard EN 13859-2 : 2010.

### **Management Systems Certification for production**

The management system of the manufacturer has been assessed and registered as meeting the requirements of EN ISO 9001 : 2015, by SGS Certification Services Certification Body (Certificates PT03/00837).

## Bibliography

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 1931 : 2000 *Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Determination of water vapour transmission properties*

BS EN 12207 : 2016 *Windows and doors — Air permeability — Classification*

BS EN 12208 : 2000 *Windows and doors — Watertightness — Classification*

BS EN 12310-1 : 2000 *Flexible sheets for waterproofing — Determination of resistance to tearing (nail shank) — Bitumen sheets for roof waterproofing*

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

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

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

EN 12114 : 2000 *Thermal performance of buildings — Air permeability of building components and building elements — Laboratory test methods*

EN 13859-2 : 2010 *Flexible sheets for waterproofing — Definitions and characteristics of underlays — Part 2: Underlays for walls*

MOAT 66 : 2001 *UEAtc Technical Guide for the Assessment of Non-Reinforced, Reinforced and/or Backed Roof Waterproofing — Systems made of EPDM*

## Conditions of Certificate

### Conditions

#### 1 This Certificate:

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

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

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

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

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

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

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

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

### British Board of Agrément

1<sup>st</sup> Floor, Building 3, Hatters Lane  
Croxley Park, Watford  
Herts WD18 8YG

tel: 01923 665300

[clientservices@bbacerts.co.uk](mailto:clientservices@bbacerts.co.uk)

[www.bbacerts.co.uk](http://www.bbacerts.co.uk)

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