Certificate of Conformity

Certification Body:

CMI CERTIFICATION
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Certificate Holder:

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Certificate number: CM40266 Rev2

THIS IS TO CERTIFY THAT

Exsulite® Thermal Facade Cladding - Non-Cavity System

Type and/or use of product:

External wall cladding for residential Class 1 & 10.

Description of product:

Exsulite® Thermal Facade Cladding - Non-Cavity Systems are certified in the following configurations:

- Exsulite® Thermal Facade Cladding - Non-Cavity System
- Exsulite® Composite Thermal Facade Cladding - Non-Cavity System

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) **BCA 2022 (Amdt.2)**

	Volume One	Volume Two	
Performance Requirement(s):	Not Applicable	H1P1(2)(c)	Structural stability and resistance – Wind actions
		H2P2	Weatherproofing – Refer *Limitation & Condition 2*
		H2P3	Rising damp
Deemed-to-Satisfy Provision(s):	Not Applicable	H7D4	Construction in bushfire prone areas – BAL-29
		H6D2(1)(b)(i)	Energy Efficiency – External Walls - Contributes to the overall energy efficiency of the building. Refer A3
State or territory variation(s):	Not Applicable	H7D4 (NSW, QLD, SA)	

SUBJECT TO THE FOLLOWING LIMITATIONS AND CONDITIONS AND THE PRODUCT TECHNICAL DATA IN APPENDIX A AND EVALUATION STATEMENTS IN APPENDIX B

Limitations and conditions:

1. Construction shall be in strict accordance with the Exsulite® Thermal Façade Cladding – Non-Cavity System Specification & Installation Manual, Australia, November 2025 and Exsulite® Thermal Façade Cladding - Non-Cavity System Construction Drawings Manual, Australia, July 2023
2. To satisfy H2P2 via verification, the relevant design is required to meet the criteria of H2V1 to the satisfaction of the Appropriate Authority as defined by the BCA. The site specific building must;
   (a)(i) has a risk score of 20 or less, when the sum of all risk factor scores are determined in accordance with Table H2V1a; and
   (a)(ii) is not subjected to an ultimate limit state wind pressure of more than 2.5kPa; and
   (a)(iii) includes only windows that comply with AS 2047.
   For Waterproofing applications that exceed 2.5kPa Ultimate Limit State Wind Pressure, and do not exceed 5.5kPa Ultimate Limit State Wind Pressure, refer to A3.

Building classification/s:

Class 1 & 10

Glen Guliotti – CMI

Don Grehan – Unrestricted Building Certifier

Date of issue: 17/12/2025

Date of expiry: 18/11/2026

3. Exsulite® Thermal Facade Cladding – Non-Cavity Systems are not suitable for use in Cyclonic Regions.
4. In all installations the minimum clearance between the underside of panel and the adjoining ground surface level below must comply with the specifications in Part 7.5.7 of the ABCB Housing Provisions.
5. In all cases, it is a requirement that the Exsulite® Thermal Façade Cladding – Non-Cavity System incorporates either;
   a. A timber frame constructed in accordance with AS 1684 series; or
   b. A cold-formed steel frame constructed in accordance with AS 3623-1993 (R2018), or
   c. NASH Standard for Residential and Low-rise Steel Framing, Part 1: Design Criteria.
6. It is a requirement that system installation is performed by an appropriately licensed trade person to install cladding relative to the governing State Building Authority requirements. Each state & territory has different licensing & trade registration requirements.
7. Not suitable for use where an FRL is required for a wall and/or Boundary Wall.
8. Suitable for Residential External Walls to BCA Volume Two, Class 1 and 10 buildings with wind loads to either AS/NZS 1170.2:2021 or AS 4055-2021 "Wind loads for housing" for Wind Classifications N1, N2, N3, N4, within the AS 4055-2021 limitations less than 8.5m in height less than 16m in width and where the length does not exceed five times the width and roof pitch does not exceed 35 degrees, fixed to either steel or timber frames.
9. Adjacent finished grade must slope away from the building in accordance with local building codes, typically a minimum slope of 50mm over the first metre.
10. Do not install external cladding in areas where it may remain in contact with standing water or debris. Do not back fill.
11. Check to ensure that the correct damp course has been installed to slab edge and termite treatment has been completed. Where no damp course has been installed by others then it must be installed by the Exsulite® Installer prior to the wall wrap being installed.
12. This certificate is limited to the details within this certificate including the above compliance elements, product description, purpose or use.
13. Other than the BCA provisions and State or Territory variation(s) listed, the remainder of the information contained in the product's literature is outside the scope of this certification.
14. The use of the certified product/system is subject to these Limitations and Conditions and must be read in conjunction with the Scope of certification below.

Scope of certification: The CodeMark Scheme is a building product certification scheme. The rules of the Scheme are available at the ABCB website www.abcb.gov.au. This Certificate of Conformity is to confirm that the relevant requirements of the Building Code of Australia (BCA) as claimed against have been met. The responsibility for the product performance and its fitness for the intended use remain with the Certificate Holder. The certification is not transferrable to a manufacturer not listed on Appendix A of this certificate.

Only criteria as identified within this Certificate of Conformity can be used for CodeMark certification claims. Where other claims are made in a client's Installation Manual, Website or other documents that are outside the criteria on this Certificate of Conformity, such criteria cannot be used or claimed to meet the requirements of this CodeMark certification.

The NCC defines a Performance Solution as one that complies with the Performance Requirements by means other than a Deemed-to-Satisfy Solution. A Building Solution that relies on a CodeMark Certificate of Conformity that certifies a product against the Performance Requirements cannot be considered as Deemed-to-Satisfy Solution.

This Certificate of Conformity may only relate to a part of a Performance Solution. In these circumstances other evidence of suitability is needed to demonstrate that the relevant Performance Requirements have been met. The relevant provisions of the Governing Requirements in Part A of the NCC will also need to be satisfied.

This Certificate of Conformity is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Certificate of Conformity is outside of this document's scope and the installation of the certified product will not be covered by this Certificate of Conformity.

Disclaimer: The Scheme Owner, Scheme Administrator and Scheme Accreditation Body do not make any representations, warranties or guarantees, and accept no legal liability whatsoever arising from or connected to, the accuracy, reliability, currency or completeness of any material contained within this certificate; and the Scheme Owner, Scheme Administrator and Scheme Accreditation Body disclaim to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this certificate.

When using the CodeMark logo in relation to or on the product/system, the Certificate Holder makes a declaration of compliance with the Scope of Certification and confirms that the product is identical to the product certified herein. In issuing this Certificate of Conformity, CMI Certification Pty Ltd (CMI) has relied on the experience and expertise of external bodies (laboratories and technical experts).

Nothing in this document should be construed as a warranty or guarantee by CMI, and the only applicable warranties will be those provided by the Certificate Holder.

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

Exsulite® Thermal Facade Cladding – Non-Cavity Systems are designed as an integrated non-load bearing lightweight facade system for residential class 1 & 10 buildings to deliver a weatherproof external building envelope whilst providing thermal performance (R value).

A2 Description of product

Exsulite® Thermal Facade Cladding – Non-Cavity Systems are certified in the following configurations:

Exsulite® Thermal Facade Cladding – Non-Cavity System

Comprises Exsulite® Breathable Wrap (or breathable Wall Wrap complying with AS/NZS 4200.1:2017, M-Grade Blue EPS Panel, Exsulite® Precoated Starter Piece or Starter Channel with no weep holes, Fixing Components / Detail relative to specific Wind Classifications and finished with a AcraTex approved high build weatherproof texture coating system.

Exsulite® Composite Thermal Facade Cladding – Non-Cavity System

Comprises Exsulite® Breathable Wrap (or breathable Wall wrap complying with AS/NZS 4200.1:2017), Factory base coated, M-Grade Blue EPS Panel, Exsulite® Precoated Starter Piece or Starter Channel with no weep holes, Fixing Components / Detail relative to specific Wind Classifications and finished with a AcraTex approved high build weatherproof texture coatings system.

Components

Panel & EPS Components

- Blue EPS panel – M Grade EPS to AS 1366.3:1992
- Composite Blue Precoated Panel - M Grade EPS to AS 1366.3:1992, Factory coated with 1mm (min.) Polymer Modified Cementitious Basecoat with embedded alkali resistant mesh
- Exsulite® Pre-coated Starter - M Grade EPS to AS 1366.3:1992, Factory coated with 1mm (min.) Polymer Modified Cementitious Basecoat with alkali resistant mesh - Exsulite® Pre-coated Reveal & Slab Cavity Starter Piece (SP2) - Exsulite® Pre-coated Sill Piece (SP4) - Exsulite® Pre-coated Slab Rebate Non Cavity Starter Piece (SP5) - Exsulite® Pre-coated Angled Non Cavity Starter Piece (SP6)

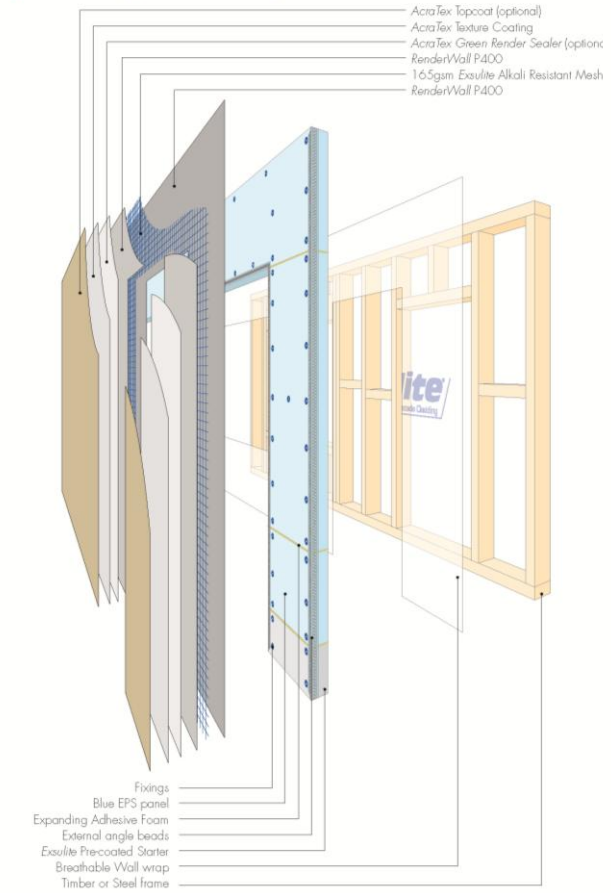
Starter Channels & Angles

- Starter Channel (PVC) - Blue with No Weep Holes
- Starter Channel (Aluminium) - With No Weep Holes
- Corner Angles (PVC) - Blue Corner Angle / Render Bead
- Corner Angles (Aluminium) - Corner Angle / Render Bead, with or without mesh

Fixings

- Panel Fixing Disk - 40mm Blue plastic Fixing Disk - Dulux Approved
- Panel Fixing Screw - 10 Gauge, 12 TPI, Needle Point, Bugle Head, Square Drive, Class 3 or 4 relative to location
- Panel Fixing Metal Screw - 10 Gauge, 20 TPI, Needle Point, Bugle Head, Square Drive, Class 3 or 4 relative location

Typical Configuration Drawing



Accessories

- Breathable Wall Wrap – Exsulite® breathable wall wrap or alternative wall wrap meeting AS/NZS 4200.1:2017 - Vapour Permeable
- Self Adhesive flashing tape - Aluminium Bituminous self-adhesive flashing tape
- Construction Adhesive - Construction Adhesive - Water Based
- PU Sealant - Paintable Polyurethane Joint Sealant
- PU Expanding Foam Adhesive - Low Foaming Single Pack Polyurethane Adhesive - Dulux Approved
- Sheet Membrane - Self-adhesive butyl rubber sheet with polypropylene fabric facing suitable for coating - Dulux Approved
- Damp Proof Course - Polyethylene Damp Course to AS/NZS 2904:1995
- Exsulite® Mesh - Fiberglass Mesh 165gsm (+/-5%), 5x5mm, Alkali Resistant

Coatings Components

For use in NON-BAL & Up to BAL 29 regions

Stage	Product	Spread Rate	Minimum Coating Thickness
Basecoat with Non-Sticky Alkali Mesh	RenderWall ® AcraPro™ P400 or AcraPro P200 embedded with 165gsm Exsulite® Mesh	2.5m² - 3m² /20kg bag	4mm
Texture Coat	Acratex Texture	10m² – 12m² Per 15Lt	0.8mm
Protective Topcoat	AcraShield®	70m² – 75m² Per 15Lt	0.075mm per coat

Source: *Warringtonfire Australia Pty Ltd Doc. 27615-C SOA9.0 issued 19/12/2022 &* Ignis Labs; BAL Assessment Against AS1530.8.1:2018; Bushfire performance of Dulux Exsulite® cavity wall system; Dated 06/12/2024

For use in NON-BAL & Up to BAL 29 regions

Stage	Product	Spread Rate	Minimum Coating Thickness
Basecoat with Non-Sticky Alkali Mesh	Quikcote E.P.S Render embedded with 165gsm Exsulite® Mesh	2.5m² - 3m² /20kg bag	4mm
Texture Coat	Quikcote Trowel Texture	10m² – 12m² Per 15Lt	0.8mm
Protective Topcoat	Quikcote Texture Topcoat	120m² – 150m² Per 15Lt	0.075mm per coat

Source: *Warringtonfire Australia Pty Ltd Doc. 27615-D SOA9.0 issued 19/12/2022 &* Ignis Labs; BAL Assessment Against AS1530.8.1:2018; Bushfire performance of Dulux Exsulite® cavity wall system; Dated 06/12/2024

For use in NON-BAL regions

Stage	Product	Spread Rate	Minimum Coating Thickness
Basecoat with Non-Sticky Alkali Mesh	EZYCOAT ECA Render embedded with 165gsm EZYCOAT Mesh	2.5m² - 3m² /20kg bag	4mm
Texture Coat	EZYCOAT Acrylic Texture	10m² – 12m² Per 15Lt	0.8mm
Protective Topcoat	EZYCOAT Membrane	70m² – 75m² Per 15Lt	0.075mm per coat

For use in areas up to BAL 29

Stage	Product	Spread Rate	Minimum Coating Thickness
Basecoat with Non-Sticky Alkali Mesh	EZYCOAT ECA Render embedded with 165gsm EZYCOAT Mesh	1.0m² – 1.1m² /20kg bag	10.1mm
Texture Coat	EZYCOAT Acrylic Texture	8m² – 10m² Per 15Lt	0.8mm
Protective Topcoat	EZYCOAT Membrane	70m² – 75m² Per 15Lt	0.075mm per coat

Source: *Warringtonfire Australia Pty Ltd Doc. 27615-F SOA9.0 issued 19/12/2022 &* Ignis Labs; BAL Assessment Against AS1530.8.1:2018; Bushfire performance of Dulux Exsulite® cavity wall system; Dated 06/12/2024

A3 Product specification

Structural

Panel Fixings Specification - Minimum Panel Thickness & Fixing Spacings - Wind Pressures to AS 4055-2021 and/or AS/NZS 1170.2:2021

Wind Classification to AS 4055-2021 for Wall areas located further than 1200mm from corners						
Wind Classification (AS 4055-2021)	Stud Centres 450mm			Stud Centres 600mm		
	Min Panel Thickness	Fixings per Stud	Fixing Spacings	Min Panel Thickness	Fixings per Stud	Fixing Spacings
N1 & N2	60mm	5	275mm	60mm	5	275mm
N3	60mm	5	275mm	60mm	5	275mm
N4	60mm	5	275mm	75mm	5	275mm

For Wind Classification to AS 4055-2021 for Wall areas located within 1200mm of corners						
Wind Classification (AS 4055-2021)	Stud Centres 450mm			Stud Centres 600mm		
	Min Panel Thickness	Fixings per Stud	Fixing Spacings	Min Panel Thickness	Fixings per Stud	Fixing Spacings
N1 & N2	60mm	5	275mm	60mm	5	275mm
N3	60mm	5	275mm	75mm	6	220mm
N4	60mm	7	180mm	100mm	8	150mm

AS/NZS 1170.2:2021 – Wind Pressure Criteria Design for Buildings that fall outside AS 4055-2021 Maximum fixing spacings to satisfy design ultimate wind pressures (kPa)						
Design Ultimate Wind Pressure kPa (AS/NZS 1170.2:2021)	Stud Centres 450mm			Stud Centres 600mm		
	Min Panel Thickness	Fixings per Stud	Fixing Spacings	Min Panel Thickness	Fixings per Stud	Fixing Spacings
1.0	60mm	5	275mm	60mm	5	275mm
1.5	60mm	5	275mm	60mm	5	275mm
2.0	60mm	5	275mm	60mm	6	220mm
2.5	60mm	6	220mm	75mm	8	150mm
3.0	60mm	7	180mm	75mm	9	130mm
3.5	60mm	8	150mm	100mm	10	120mm
4.0	75mm	9	130mm	100mm	11	110mm
4.5	75mm	10	120mm	-	-	-
5.0	75mm	11	110mm	-	-	-
5.5	75mm	11	110mm	-	-	-

Notes: Assumption is based on a panel size of 2400mm x 1200mm panel size. It is acceptable to use a panel thickness equal to or greater than the minimum requirement to satisfy the wind classification and meet thermal requirements. Increased peak pressures occur near the edges of side walls and corners on buildings. Using AS 4055-2021, the size of the building has been assumed and hence the size of these high pressure zones is specified as within 1200mm from corners.

Bushfire Attack Level

Exsulite® Thermal Facade Cladding has been tested for heat intensity and ember attack of bushfires in relation to AS 3959-2018 making suitable for use up to a Bushfire Attack Level – BAL-29. Refer to Coating Components approved for BAL-29 in A2

Source: Ignis Labs; BAL Assessment Against AS1530.8.1:2018; Bushfire performance of Dulux Exsulite® cavity wall system; Dated 06/12/2024, Warringtonfire Australia; Fire Assessment Report No: 27615 Rev. 9.0; Bushfire performance of Dulux Exsulite® cavity & non cavity wall systems; Dated 19/12/2022, Warringtonfire Australia Pty Ltd; Summary of Assessment, Document No. 27615-C SOA9.0; Issued 19/12/2022, Warringtonfire Australia Pty Ltd; Summary of Assessment, Document No. 27615-D SOA9.0; Issued 19/12/2022 & Warringtonfire Australia Pty Ltd; Summary of Assessment, Document No. 27615-F SOA9.0; Issued 19/12/2022.

Weatherproofing

Is limited to external wall applications where the Design Serviceability Limit State Wind Pressure calculated in accordance with AS/NZS 1170.2:2021 does not exceed of +0.82 kPa and -1.23 kPa. This includes AS 4055-2021 Wind Classifications N1, N2, N3 and N4 and excludes N5, N6, C1, C2, C3 and C4.

For buildings with designs of more than ±2.5kPa up to ±5.5kPa

The weatherproofing performance of *Exsulite®* Thermal Facade Cladding System installed in applications where an external wall;

(i) has a risk score of 20 or less, when the sum of all risk factor scores are determined in accordance with BCA Volume 2 Table H2V1a; and
(ii) is subjected to an absolute ultimate limit state wind pressure of more than 2.5 kPa but not more than ±5.5kPa (Refer Section 4.1.1 Wind Actions of ACA report 191125 dated 1/07/2020 for the specific configuration requirements applicable to this case); and
(iii) includes only windows that comply with AS 2047;

has been verified by a combination of prototype testing in accordance with the requirements of AS/NZS 4284 to NCC verification methods, wind strength testing of the *Exsulite®* Thermal Facade Cladding System and a report from a professional engineer.

In all cases, applications are limited to maximum design serviceability limit state wind pressures equal to the tested values of +0.82 kPa and -1.23 kPa.

Based on these results, the *Exsulite®* Thermal Facade Cladding System is limited to external wall applications where the design serviceability limit state wind pressure, calculated in accordance with AS/NZS 1170.2 Structural Design Actions Part 2: Wind Actions, does not exceed +0.82 kPa and -1.23 kPa. This is deemed to include AS 4055 Wind Classifications:

- N1, N2, N3 & N4, and excludes AS 4055 Wind Classifications, N5, N6, C1, C2, C3 & C4.

Source: *Acronem Consulting Australia Pty Ltd Report ACA 191125 dated 1/07/2020.*

Thermal Performance

Thermal R Value Ratings

Exsulite® Non Cavity System				
Panel Thickness	R Value with Wall Insulation (R2.0 Glasswool)		R Value without Wall Insulation	
	Summer	Winter	Summer	Winter
60mm	3.43	3.66	1.90	2.00
75mm	3.78	4.03	2.25	2.36
100mm	4.47	4.76	2.93	3.09

Notes: The above results are combined by area weighting & isothermal planes method to deduce Overall Surface "TOTAL R" to AS/NZS 4859 Parts 1 & 2:2018.
Exsulite® R-Values are calculated on M Grade EPS manufactured to AS 1366.3-1992 with a conductivity value of 0.04 W/m^2.K. as a total walling system from plasterboard to coating.

A4 Manufacturer and manufacturing plant(s)

This field is optional. Contact the Certificate Holder for details.

A5 Installation requirements

Exsulite® Thermal Facade Cladding Non Cavity systems only to be installed in accordance with *Exsulite® Thermal Facade Cladding – Non-Cavity System Specification & Installation Manual Australia – November 2025* and *Exsulite® Thermal Facade Cladding – Non-Cavity System Construction Drawings Manual Australia 01 July 2023*.

A6 Other relevant technical data

No other relevant technical data.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Energy Efficiency Provisions A5G3(1)(e). Reports from a professional engineer.
2. Fire Safety Provisions A5G3(1)(d)&(e). Reports issued by Accredited Testing Laboratories and a professional engineer.
3. Structural Resistance Provisions A5G3(1)(e). Report from a professional engineer.
4. Weatherproofing and Damp Rising Provisions A5G3(1)(d)&(e). Reports issued by Accredited Testing Laboratories and a professional engineer.

B2 Reports

1. Warringtonfire Australia; NATA Accreditation No. 3277; Fire Assessment Report No: 27615 Rev. 9.0; Bushfire performance of Dulux Exsulite® cavity & non cavity wall systems; Dated 19/12/2022. Report assesses the Bushfire Attack Level for compliance with H7D4.
2. Warringtonfire Australia Pty Ltd; NATA Accreditation No. 3277; Summary of Assessment, Document No. 27615-C SOA9.0; Issued 19/12/2022. Report confirms compliance with H7D4 for external wall finishes.
3. Warringtonfire Australia Pty Ltd; NATA Accreditation No. 3277; Summary of Assessment, Document No. 27615-D SOA9.0; Issued 19/12/2022. Report confirms compliance with H7D4 for external wall finishes.
4. Warringtonfire Australia Pty Ltd; NATA Accreditation No. 3277; Summary of Assessment, Document No. 27615-F SOA9.0; Issued 19/12/2022. Report confirms compliance with H7D4 for external wall finishes.
5. Ian Bennie and Associates; NATA Accreditation No. 2371; Test Report No. 2020-001-S2; Exsulite® Cladding System Non Cavity Direct Fix; Dated 19/05/2020. Report confirms compliance with H2P2 via the BCA verification method H2V1.
6. Acronem Consulting Australia Pty Ltd; Appraisal Report No. ACA 191125; Exsulite® Thermal Façade Cladding Non Cavity System NCC 2019 Vol. 2 Appraisal; Dated 01/07/2020. Report provides an assessment of testing and professional opinion for the compliance of Exsulite® Facade System NON-CAVITY Wall with H1P1(2)(c), H2P2, H2P3, H7D4 & H6D2(1)(b)(i).
7. Acronem Consulting Australia Pty Ltd; Calculations of Thermal Performance; Thermal Performance Wall Calculations Exsulite® Facade System NON-CAVITY Wall 230321abcdef; Dated 21/03/2023. Report outlines thermal performance of Exsulite® Facade System NON-CAVITY Wall which will contributes to the overall energy efficiency of the building in compliance with H6D2(1)(b)(i)
8. Ignis Labs; BAL Assessment Against AS1530.8.1:2018; Bushfire performance of Dulux Exsulite® cavity wall system; Dated 06/12/2024. Report assesses the Bushfire Attack Level for compliance with H7D4.

The Certificate Holder has chosen not to make the above evidence of compliance publicly available, due to the documents being considered commercial in confidence.