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Agrément Certificate
09/4639
Product Sheet 1 Issue 7

HOMELINE ROOF TRIM SYSTEMS

HOMELINE ROOFLINE SYSTEM

This Agrément Certificate Product Sheet(1) relates to the Homeline Roofline System, comprising fascia, soffit and barge boards, soffit ventilator and accessories, for external use at the roofline as a substitute for timber or other conventional materials.

(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 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 Seventh issue: 18 September 2025
Originally certified on 8 April 2009

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 † 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.

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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 the Homeline Roofline 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)

Requirement:	**A1**	**Loading**
Comment:		The system can contribute to satisfying this Requirement. See section 1 of this Certificate.
Requirement:	**C2(c)**	**Resistance to moisture**
Comment:		The ventilation components of the system can contribute to satisfying this Requirement. See section 3 of this Certificate.
Regulation:	**7(1)**	**Materials and workmanship**
Comment:		The system is acceptable. See sections 8 and 9 of this Certificate.

The Building (Scotland) Regulations 2004 (as amended)

Regulation:	**8(1)(2)**	**Fitness and durability of materials and workmanship**
Comment:		The system is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**9**	**Building standards - construction**
Standard:	1.1(b)	Structure
Comment:		The system can contribute to satisfying this Standard, with references to clauses 1.1.2(b)(1)(2) and 1.1.2(c)(1)(2). See section 1 of this Certificate.
Standard:	3.10	Precipitation
Comment:		The system will contribute to satisfying this Standard, with reference to clause 3.10.1(1)(2). See section 3 of this Certificate.
Standard:	3.15	Condensation
Comment:		The ventilation components can contribute to enabling a roof to satisfy this Standard, with reference to clauses 3.15.1(1)(2), 3.15.3(1)(2), 3.15.5(1(2) and 3.15.7(1)(2). See section 3 of this Certificate.
Standard:	7.1(a)	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 at least a bronze level of sustainability as defined in this Standard.
Regulation:	**12**	**Building standards - conversion**
Comment:		All comments given for the system 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 system is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**28(b)**	**Resistance to moisture and weather**
Comment:		The system will contribute to satisfying this Regulation. See section 3 of this Certificate.
Regulation:	**29**	**Condensation**
Comment:		The ventilation components of the system can contribute to satisfying this Regulation. See section 3 of this Certificate.
Regulation:	**30**	**Stability**
Comment:		The system can contribute to satisfying this Regulation. See section 1 of this Certificate.

Additional Information

NHBC Standards 2025

In the opinion of the BBA, the Homeline Roofline 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*, Chapter 7.2 *Pitched roofs*.

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 the Homeline Roofline System to be satisfactory for use as described in this Certificate. The system has been assessed for external use as fascia, soffit and barge boards to provide a protective and decorative trim at the roofline where timber or other conventional materials would normally be used.

ASSESSMENT

Product description and intended use

The Certificate holder provided the following description for the system under assessment. The Homeline Roofline System consists of a range of cellular PVC-U (PVC-UE) boards (see Figure 1) and soffits (see Figure 2), and an extruded soffit vent together with matching ancillary components, extruded trims and injection-moulded joint covers (see Figure 3).

The soffit ventilators (including vented boards), vented hollow soffits and an 80 mm soffit vent provide a means of ventilating the roof void.

The system is available in White (Standard White and Blue White), Black and Grey, and the following coloured laminated foil finishes:

- Cream
- White Woodgrain
- Royal Blue
- Black Ulti-Mat
- Dark Grey
- Mahogany
- Irish Oak
- Claystone Beige
- Light Oak
- Wine Red
- Slate Grey
- Balmoral Brown
- Chartwell Green
- Agate Grey
- Anthracite Grey
- Pebble Grey
- Rosewood
- Rustic Green
- Black
- Sage Green.

The boards comprise a closed-cell cellular PVC-U core beneath an outer weathering, impact-modified PVC-U skin. The soffit ventilator and other extruded trims are composed of impact-modified PVC-U, and the injection mouldings of acrylonitrile styrene acrylate (ASA).

Figure 1 Fascia/Barge boards

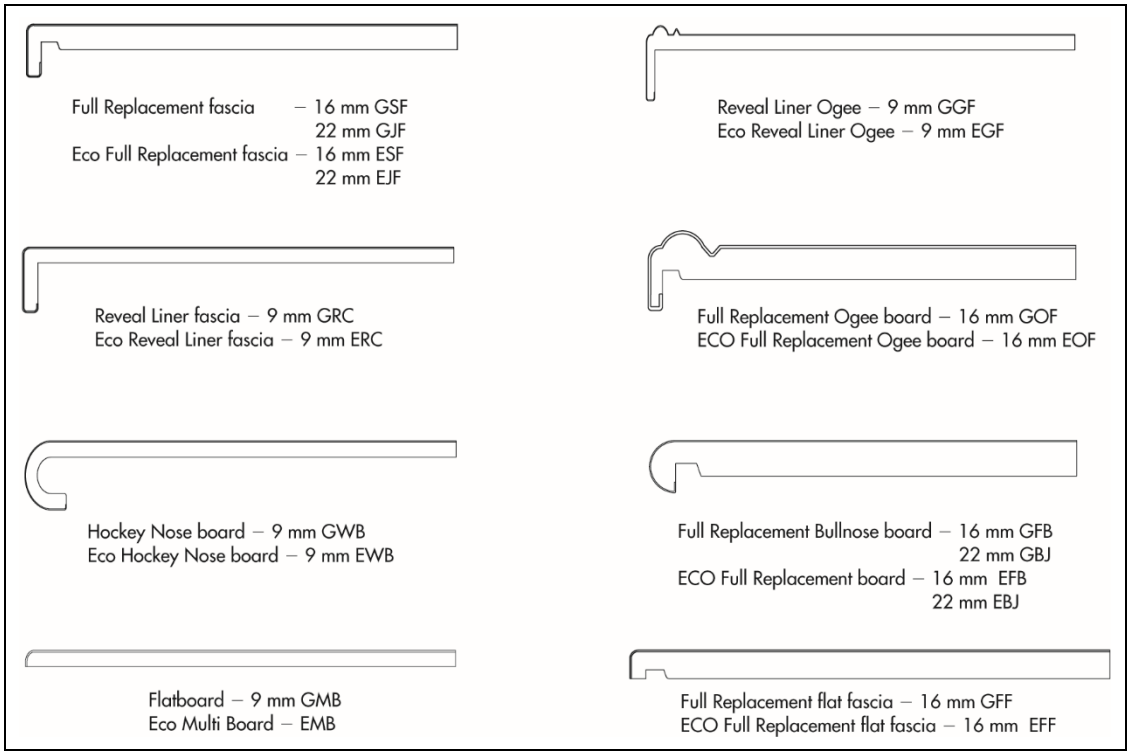
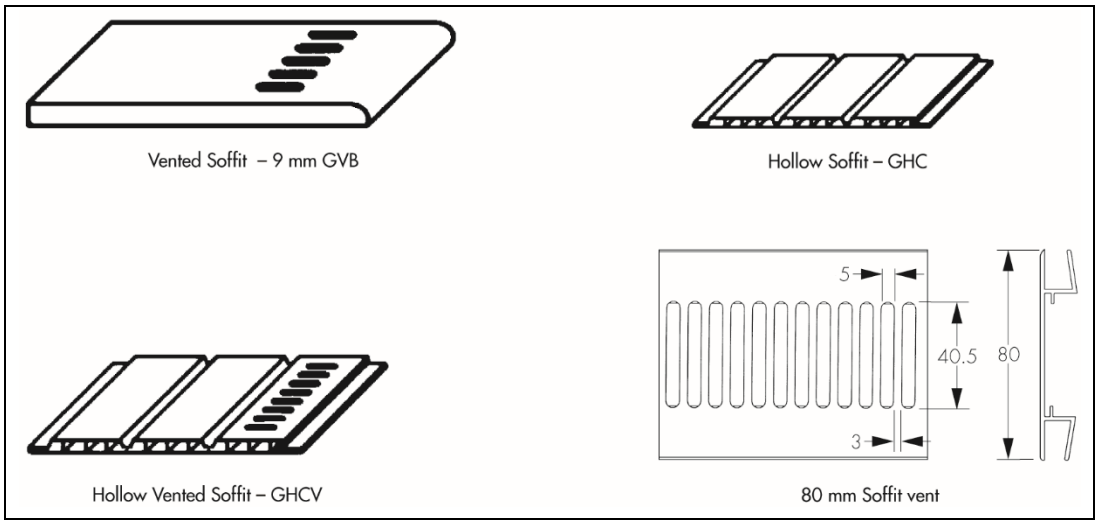


Figure 2 Soffit boards — available as single- or double-vented (dimensions in mm)



The characteristics of the boards are given in Table 1.

Table 1 Nominal characteristics of boards

Board type	Standard length (m)[1]	Width (mm)	Nominal thickness (mm)	Minimum thickness of outer skin (mm)	Average density ($kg \cdot m^{-3}$)
ESF-EJF Eco/ GSF-GJF Full Replacement fascia	5	150 - 405	22/16	0.6	500
EGF Eco/GGF Reveal Linear Ogee	5	100 – 605	9	0.6	500
ERC Eco/ GRC Reveal Liner fascia	5	100 – 605	9	0.6	500
EWB Eco/ GWB Hockey Nose board	5	160 - 420	9	0.6	500
EFB – EBJ Eco/ GFB – GBJ Full Replacement Bullnose board	5	150 - 405	22/16	0.6	500
ERC Eco/GRC Reveal Liner	5	100 - 605	9	0.6	500
EOF Eco/GOF Full Replacement Ogee board	5	150 - 405	16	0.6	500
EMB Eco/GMB Flatboard	5	100 - 605	9	0.6	500
GVB Vented Soffit	5	100 – 605	9	0.6	500
GHC Hollow Vented Soffit	5	300	8	0.6	1.47
GHCV Hollow Soffit (Cladding)	5	800	8	0.6	500
EMB Eco Multi Board	5	100 - 605	9	0.6	500
EFF Eco/GFF Full Replacement Flat fascia	5	100 – 400`	16	0.6	500

(1) Available in other lengths on request.

Ancillary items

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

- 65 mm Polytop A4 Stainless Steel 3 mm gauge nails — used for fixing boards and ancillary components
- an extruded soffit vent together with matching ancillary components, other extruded trims and injection-moulded joint covers (see Figure 3).

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:

- solvent-weld and low-modulus silicone adhesives — available for fixing joint covers to fascia boards
- Polytop pins — used for fixing vented soffit
- gutter bracket screws
- 40 mm nails — for soffit boards.

The nominal characteristics of the ancillary items are given in Table 2.

Table 2 Nominal characteristics – ancillary items

Board type	Standard length (m)[(1)]	Average density ($kg \cdot m^{-3}$)
GSC Square and external corner	0.5	1.47
GBC Radius external corner	0.3/0.5	1.47
GBJ Radius inline joint trim	0.3/0.5	1.47
GJT J trim for hollow soffit	5	1.47
GHS Hollow cladding centre trim	5	1.47
GREC Universal Long and cap	0.3	500
GFT External corner trim for Hollow Soffit	5	500
GISC Square and internal corner	0.3/0.5	500
GOFC OG external corner trim	0.3/0.5	500
GIOFC OG internal corner trim	0.3/0.5	500
GIBC Radius internal trim	0.3/0.5	500
GOFJ OG inline joint trim	0.3/0.5	500
GRC Single ended Fascia corner	0.3	500
GRJ Single ended fascia joint	0.3	500
GSJ Square joint trim	0.3/0.5	500

Figure 3 Ancillary components

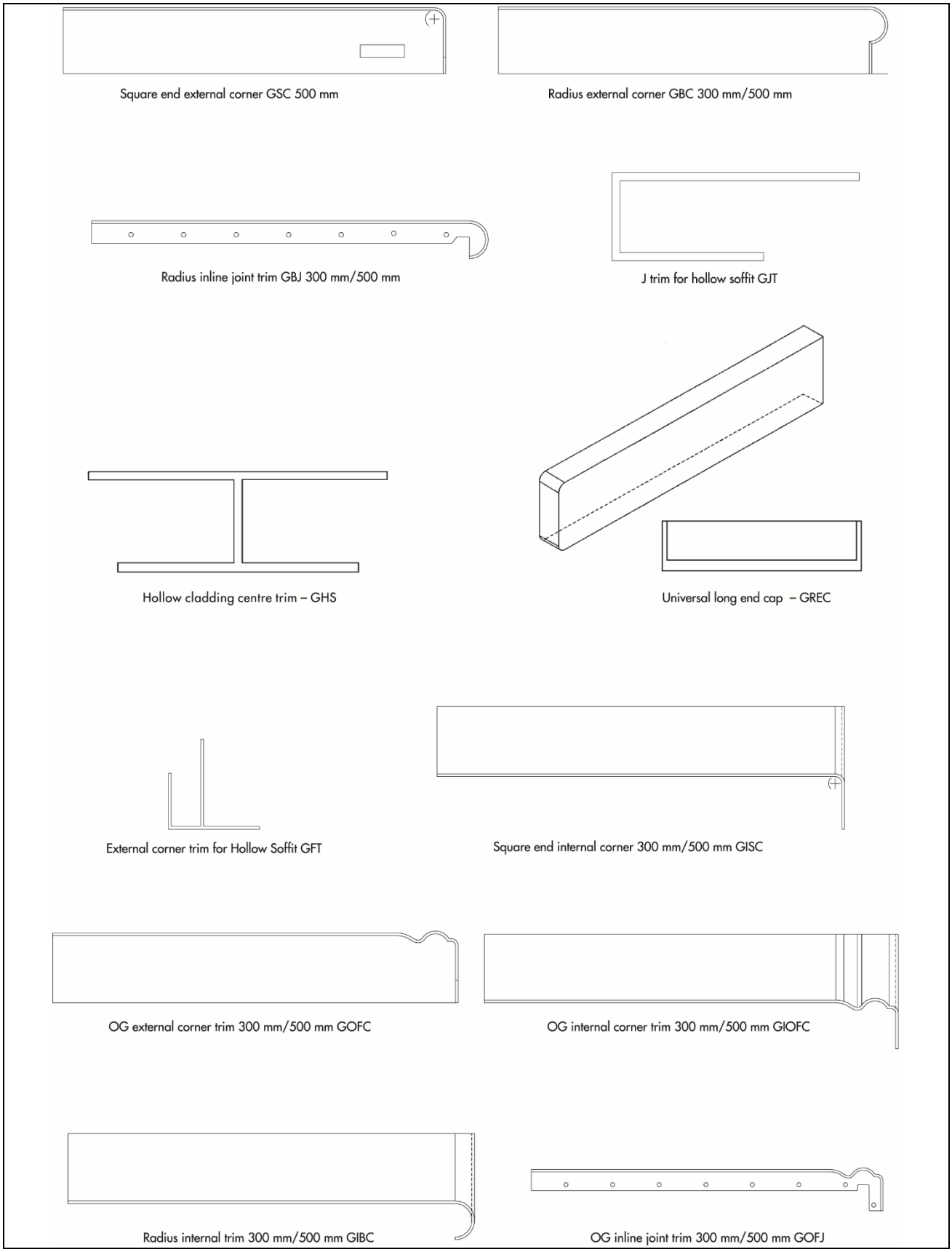
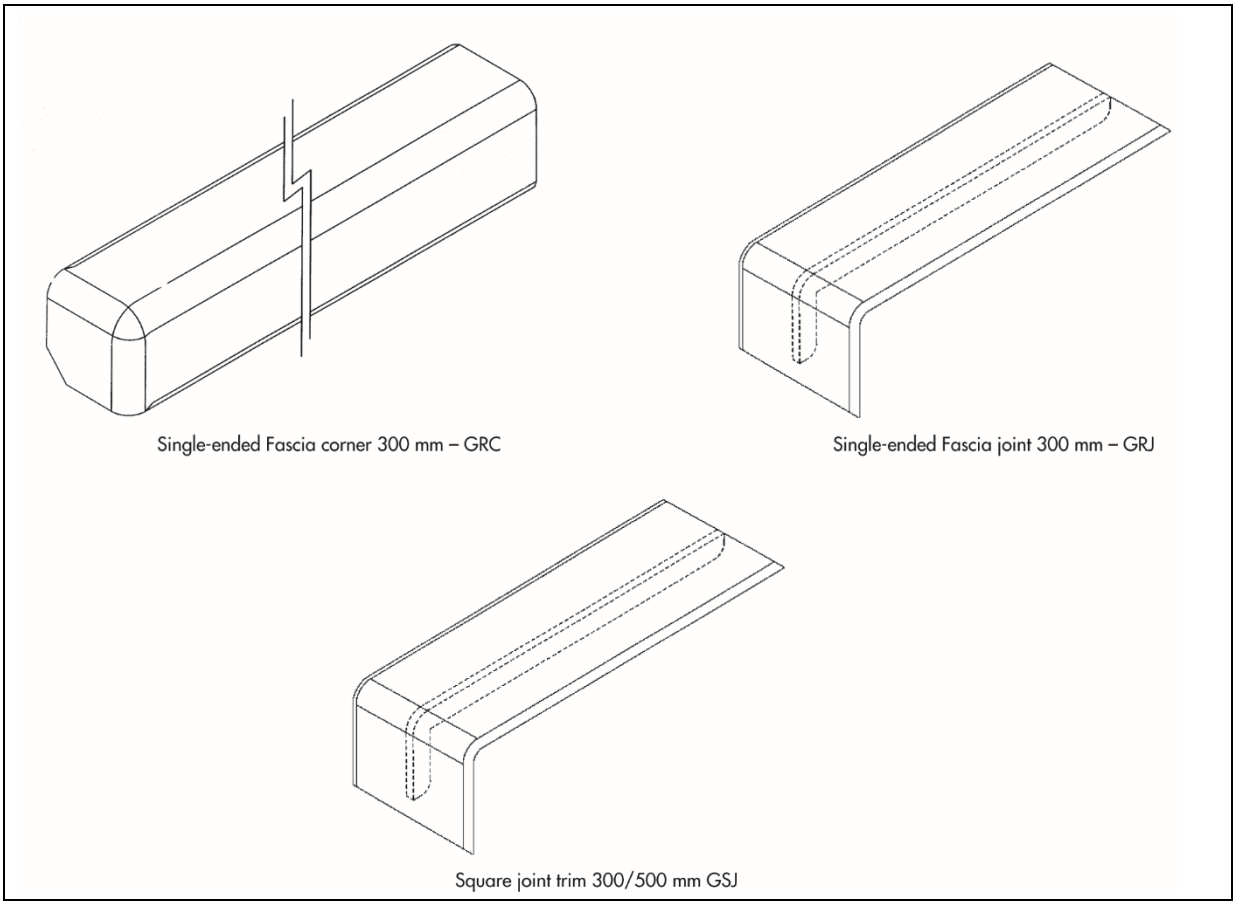


Figure 3 Ancillary components (continued)



System 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

Data were assessed for the following characteristics.

1.1 Resistance to impact

1.1.1 The results of testing for impact resistance are shown in Table 3.

Table 3 Impact resistance

System assessed	Assessment method	Requirement	Result
GSF405.DG Full Replacement Fascia – Alfa foil (Dark Grey) on Homeline white core Thickness – 16 mm	BS EN 13245-2 : 2008 Control	No cracking or damage to external face	Pass
GSF405.DG Full Replacement Fascia – Alfa foil (Dark Grey) Thickness – 9 mm	BS EN 13245-2 : 2008 Control	No cracking or damage to external face	Pass
GRC405BL (Black) – Square Reveal Liner Thickness – 9 mm	BS EN 13245-2 : 2008 Control	No cracking or damage to external face	Pass
ESF405 Full Replacement Fascia (Black) Thickness – 16 mm	BS EN 13245-2 : 2008 Control	No cracking or damage to external face	Pass
Representative Related Product – 9 mm thickness	BS EN 13245-2 : 2008	No cracking or damage to external face	Pass

1.1.2 On the basis of data assessed, the system has adequate resistance to the hard body impacts likely to occur in practice.

1.2 Structural performance

1.2.1 The results of load tests are given in Table 4.

Table 4 Structural performance

System assessed	Assessment method	Requirement	Result
GSF405.DG 16 mm Full Replacement Fascia – Alfa foil (Dark Grey)	Load test to a BBA method	Maximum deflection 5 mm	Pass
ESF405 Fascia 16 mm Full Replacement Fascia – Alfa foil (Dark Grey)	Load test to a BBA method	Maximum deflection 5 mm	Pass

1.2.2 On the basis of data assessed, the 16 mm or thicker GSF/GJF/ESF/EJF Full replacement fascia boards will support all eaves tiles in common usage in the UK (up to 10 kg load per 1 m length of fascia), provided they are installed in accordance with this Certificate.

1.2.3 Apart from the exception detailed in section 1.2.2, the fascia boards are not loadbearing and must not be used independently to support fixtures such as roof tiles, gutters, other roof structure components or television aerials. Telephone wires and power cables may be run along the boards but the main brackets for these services must be fixed through the fascia to structurally sound timber.

1.2.4 The system, will withstand, without damage or permanent deflection, the wind loads likely to be encountered in the United Kingdom.

2 Safety in case of fire

Data were assessed for the following characteristics.

2.1 Reaction to fire

2.1.1 The system was tested for reaction to fire and the classifications are given in Table 5 of this Certificate.

Table 5 Reaction to fire classification

Product assessed	Assessment method	Requirement	Result
GHC Hollow Vented Soffit White Rigid, Thickness 8 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GHC Hollow Vented Soffit 7016 Grey Rigid Thickness 8 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GHC Hollow Vented Soffit Black Rigid Thickness 8 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GMB Flatboard White Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GMB Flatboard Black Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GMB Flatboard Grey Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E
EMB Eco Flatboard White Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E
EMB Eco Flatboard Black Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E
EMB Eco Flatboard Grey Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GSF Full Replacement fascia White Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GSF Full Replacement fascia Black Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GSF Full Replacement fascia Grey Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E
ESF Full Replacement fascia White Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E
ESF Full Replacement fascia Black Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E
ESF Full Replacement fascia Grey Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GMB Flatboard Alfa Foil Facing White, - Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Foam Core 8075 Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GMB Flatboard Alfa Foil Facing Black - Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Foam Core 8075 Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GMB Flatboard Alfa Foil Facing Red- Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Foam Core 8075 Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E
EMB Flatboard Alfa Foil Facing White - Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Eco 080 Core Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E
EMB Flatboard Alfa Foil Facing Black- Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Eco 080 Core Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E
EMB Flatboard Alfa Foil Facing Red- Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Eco 080 Core Thickness 9 mm	BS EN 13501-1 : 2018	Value achieved	Class E

Table 5 Reaction to fire classification (continued)

Product assessed	Assessment method	Requirement	Result
GSF Full Replacement fascia Alfa Foil Facing White- Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Foam Core 8075 Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GSF Full Replacement fascia Alfa Foil Facing Black- Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Foam Core 8075 Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E
GSF Full Replacement fascia Alfa Foil Facing Red- Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Foam Core 8075 Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E
ESF Full Replacement fascia Alfa Foil Facing White - Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Eco 080 Core Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E
ESF Full Replacement fascia Alfa Foil Facing Black- Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Eco 080 Core Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E
ESF Full Replacement fascia Atfatherm - Alfa Foil Facing Red- Polyurethane adhesive 7604.3 ME - Primer Kleibert 842.3 Homeline Skin RA1609/17c – Homeline Eco 080 Core Thickness 16 mm	BS EN 13501-1 : 2018	Value achieved	Class E

2.1.1 When tested in accordance with BS 476-7 : 1997, the fascia boards achieved the surface spread of flame rating as detailed in Table 6 of this Certificate.

Table 6 Reaction to fire performance

System assessed	Assessment method	Test Report reference(1)	Requirement	Result
GMB300W - Flatboard fascia – White Thickness 9 mm	BS 476-7 : 1997	Warringtonfire 409960 17 March 2019	Value achieved	Class 1
GSF405PB Full Replacement Fascia - Dugdales Black Skin CRT06/175BK296 - Homeline Foam Core 8075 Thickness 16 mm	BS 476-7 : 1997	Warringtonfire 407590 17 December 2018	Value achieved	Class 1
GMB300 Flatboard - Dugdales skin Grey CRE17/162 - Homeline Foam Core 8075 Thickness 9 mm	BS 476-7 : 1997	Exova Warringtonfire 397929 18 May 2018	Value achieved	Class 1Y
GMB300 Flatboard - Dugdales Skin Black CRT06/175K -Homeline Foam Core 8075 Thickness 9 mm	BS 476-7 : 1997	Exova Warringtonfire 397937 18 May 2018	Value achieved	Class 2Y
GMB300w Flatboard -F426-5013 Hornschuch Facing Red- Polyurethane adhesive 704.5 - Homeline Skin RA1609/17c – Homeline Foam Core 8075 Thickness 9 mm	BS 476-7 : 1997	Exova Warringtonfire 397909 18 May 2018	Value achieved	Class 4Y
GMB300w Flatboard - N668 Alphatherm Facing Grey/Black - Polyurethane adhesive - 704.5 - Homeline Skin RA1609/17c - Homeline Foam 8075 Thickness 9 mm	BS 476-7 : 1997	Exova Warringtonfire 397930 18 May 2018	Value achieved	Class 4Y
EMB300w Flatboard- N668 Alphatherm facing Grey/Black - Polyurethane adhesive 704.5 - Homeline Skin RA1609/17c – Homeline ECO core 080 Thickness 9 mm	BS 476-7 : 1997	Exova Warringtonfire 397923 18 May 2018	Value achieved	Class 4Y
EMB300w Flatboard - FA26-5013 Hornschuch facing Red - Polyurethane adhesive 704.5 - Homeline Skin RA1609/17c - Homeline ECO core 080 Thickness 9 mm	BS 476-7 : 1997	Exova Warringtonfire 397927 18 May 2018	Value achieved	Class 4Y
GSF405w Full Replacement Fascia - Alfa foil Black N-669 - Polyurethane adhesive 704.5 - Low VOC primer VPG529/89 - Homeline Skin RA1609/17c - Homeline Foam 8075 Thickness 16 mm	BS 476-7 : 1997	Exova Warringtonfire 407591 17 December 2018	Value achieved	Class 4
ESF – Full Replacement Fascia – Homeline White Skin RA1609/17C – Homeline ECO core 080 Thickness 16 mm	BS 476-7 : 1997	Warringtonfire 530504 3 April 2023	Value achieved	Class 1
GSF – Full Replacement Fascia - Homeline White Skin RA1609/17c – Homeline Foam Core 8075 Thickness 16 mm	BS 476-7 : 1997	Warringtonfire 530503 3 April 2023	Value achieved	Class 1
GHC300W – Hollow Soffit Homeline White Skin RA1609/17c - Homeline Foam 8075 Thickness 8 mm	BS 476-7 : 1997	Exova Warringtonfire 386244 28 July 2017	Value achieved	Class 1RY

(1) Copies of the reports are available from the Certificate holder on request.

2.1.2 The classification of the system on other substrates or incorporated within other constructions must be determined in accordance with the documents supporting the national Building Regulations.

2.1.3 Designers must refer to the relevant national Building Regulations and guidance for detailed conditions of use, particularly in respect of requirements for cavity barriers, service penetrations, substrate fire performance 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 characteristic.

3.1 Ventilation

3.1.1 The result for ventilation open area is given in Table 7.

Table 7 Open area

Product	Open area ($mm^2 \cdot m^{-1}$)	Width of a continuous slot with the same area(1) (mm)
80 mm soffit vent (without mesh)	25 300	25.3

(1) At eaves level.

3.1.2 On the basis of the data assessed, ventilation products can contribute towards providing the necessary roof space ventilation.

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

Data were assessed for the following characteristics.

7.1 The recycled content of profiles with an 'E' prefix (see Figure 1) has been defined and calculated using the *Waste & Resources Action Programme* (WRAP), *Calculating and declaring recycled content in construction products* '*Rules of Thumb*' guide. See Table 8 of this Certificate.

Table 8 Reuse and Recyclability

Recycled input material	Input mass per tonne of product (in tonnes)(1)	Yield factor (%)(2)	Recycled content (%)
Recycled pulver – brown skin/white core or black skin/white core	0.80	0	80
Total recycled content(3)	—	—	80

(1) Input mass per tonne of recycled material is verified by the BBA as part of post-certification auditing and calculated in accordance with BS EN ISO 14021 : 2016, Clause 7.8.4.
(2) Yield factor is an estimated allowance for any loss or gain of recycled material associated with the manufacture of the system. This factor has been supplied by the Certificate holder but does not form part of BBA post-certification auditing.
(3) Total recycled content in the final core material.

7.2 The recycled input material is described as recycled pulver from offcuts or scrap and satisfies criteria C as defined in the *Waste & Resources Action Programme* (WRAP), *Calculating and declaring recycled content in construction products 'Rules of Thumb'* guide.

7.3 Only the core of profiles with an 'E' prefix are manufactured using recycled material, with profile skins being manufactured from virgin material. All other items (ie without an 'E' prefix) covered by this Certificate are manufactured using solely virgin material.

8 Durability

8.1 The potential mechanisms for degradation and the known performance characteristics of the materials in the system were assessed.

8.2 Specific test data were assessed as given in Table 9.

Table 9 Durability tests

System assessed	Assessment method	Requirement	Result
GMB150 Flatboard	Colourfastness to BS 7619 : 1993, Clause 8.1 UV aged to BS EN ISO 4892-2 : 2006 for 4000 hours	No significant colour change	Pass
GSF405.DG Full Replacement Fascia – Alfa foil (Dark Grey)	Colourfastness to a BBA method UV aged to BS EN ISO 4892-3 : 2016 for 1500 hours	No significant colour change	Pass
GMB300.RB Flatboard – Alfa foil (Royal Blue)	Colourfastness to BBA method UV aged to BS EN ISO 4892-3 : 2016 for 1500 hours	No significant colour change	Pass
GMB300.RG Flatboard – Alfa foil (Rustic Green)	Colourfastness to a BBA method UV aged to BS EN ISO 4892-3 : 2016 for 1500 hours	No significant colour change	Pass
GMB300 Flatboard – Alfa foil (Wine Red)	Colourfastness to a BBA method UV aged to BS EN ISO 4892-3 : 2016 for 1500 hours	No significant colour change	Pass
GMB400.PB Flatboard – Dugdales skin (Black)	Colourfastness to a BBA method UV aged to BS EN ISO 4892-3 : 2016 for 1500 hours	No significant colour change	Pass
GMB300 Flatboard – Dugdales skin (Grey)	Colourfastness to a BBA method UV aged to BS EN ISO 4892-3 : 2016 for 1500 hours	No significant colour change	Pass
GSF405.DG Full Replacement Fascia – Alfa foil (Dark Grey) Thickness – 9 mm	Impact strength to BS EN 13245-2 : 2008 and BS EN ISO 4892-3 : 2016, method A, cycle 1 1000 hours UVA	No cracking or damage to external face	Pass
GRC405BL (Black) - Square Reveal Liner Thickness – 9 mm	Impact strength to BS EN 13245-2 : 2008 and BS EN ISO 4892-3 : 2016, method A, cycle 1 1000 hours UVA	No cracking or damage to external face	Pass
ESF405 Full Replacement Fascia (Black)Thickness – 16 mm	Impact strength to BS EN 13245-2 : 2008 and BS EN ISO 4892-3 : 2016, method A, cycle 1 1000 hours UVA	No cracking or damage to external face	Pass
A representative Related Product – 9 mm thickness	Adhesive bond strength of foil to BS 7722 : 2010	No detachment of foil	Pass
	Cross cut adhesion to BS EN ISO 2409 : 2013	Result achieved	Classification 0

8.3 Service life

Under normal service conditions, the Homeline Roofline System will have a service life in excess of 20 years, 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 Cellular PVC-UE components have a similar coefficient of thermal expansion to that of conventional solid PVC-U. A 5 mm gap must be provided at the end of each white board (ie, 10 mm at the joint trim between boards) and for all other colours, an 8 mm gap (ie, 16 mm at the joint trim between boards), to allow for movement.

9.1.3 As with all PVC materials, the system must not be overcoated, as this can adversely affect the impact strength of the cellular PVC-U sections.

9.1.4 Where the timber substrate is preservative treated, care must be taken to ensure that sufficient time is allowed for complete fixation of the preservative, to avoid possible corrosion of screws and nails used to fix the components.

9.1.5 Soffit ventilation components must be selected and installed so that the roof ventilation conforms to the relevant national Building Regulations.

9.1.6 Guidance on the provision of adequate ventilation is given in the documents supporting the national Building Regulations and BS 5250 : 2021, Section 12. Designers must take regard of roof size and complexity, and air permeability of roof coverings, when determining the location and size of ventilation openings.

9.1.7 When providing roof space ventilation, it is essential that the airway must not become blocked by loft insulation. This may be achieved by the use of a suitable insulation retainer producing an air passage with a geometric free area at least equal to that of the soffit ventilator used.

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 of this Certificate.

9.2.3 The system must be installed at temperatures of between 5 and 25°C.

9.2.4 The system must be fixed to structurally sound timber at centres not exceeding 600 mm, using the nails and pins specified by the Certificate holder.

9.2.5 The sarking membrane must be checked to ensure that it is in good condition and that it extends onto the verge rafter and over a felt support into the gutter at the eaves. Damaged or worn felt must be replaced or, if occurring at the eaves, made watertight using an eaves protector.

9.3 Workmanship

Practicability of installation was assessed by the BBA 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 competent general builder, or a contractor, experienced with this type of system.

9.4 Maintenance and repair

9.4.1 Ongoing satisfactory performance of the system in use requires that it is suitably maintained. The guidance provided by the Certificate holder was assessed by the BBA and found to be appropriate and adequate.

9.4.2 The following requirements apply in order to satisfy the performance assessed in this Certificate:

9.4.2.1 The system must be cleaned by washing with water and mild detergent. Abrasive or solvent-based cleaners must not be used. For the removal of more resistant stains, the Certificate holder's advice must be sought, but such advice is outside the scope of this Certificate.

9.4.2.2 If repairs are required, the materials can be cut and drilled using normal woodworking tools.

9.4.2.3 The dimensions of the slots in the ventilation systems are such that the risk of blockage is limited. However, blockage by insects and debris will impair their performance as vents and they must be examined occasionally and cleared if necessary.

10 Manufacture

10.1 The production processes for the system 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 system 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 system is delivered to site in packs sealed in polythene sleeves bearing the Certificate holder's marking including product description, stock code number, batch reference number, quantity per pack, pack number and stillage number. Pack quantities vary dependent upon the type of profile.

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

11.2.1 Care must be taken when handling PVC-U boards and trims to avoid contact with solvents or materials containing organic components.

11.2.2 The packs must be unloaded by hand to avoid damage and stored flat in the polythene sleeves on a clean, level surface in stacks not exceeding one metre in height and restrained from collapse. To avoid damage, additional protection must be provided when the planks are stored in the open.

†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.

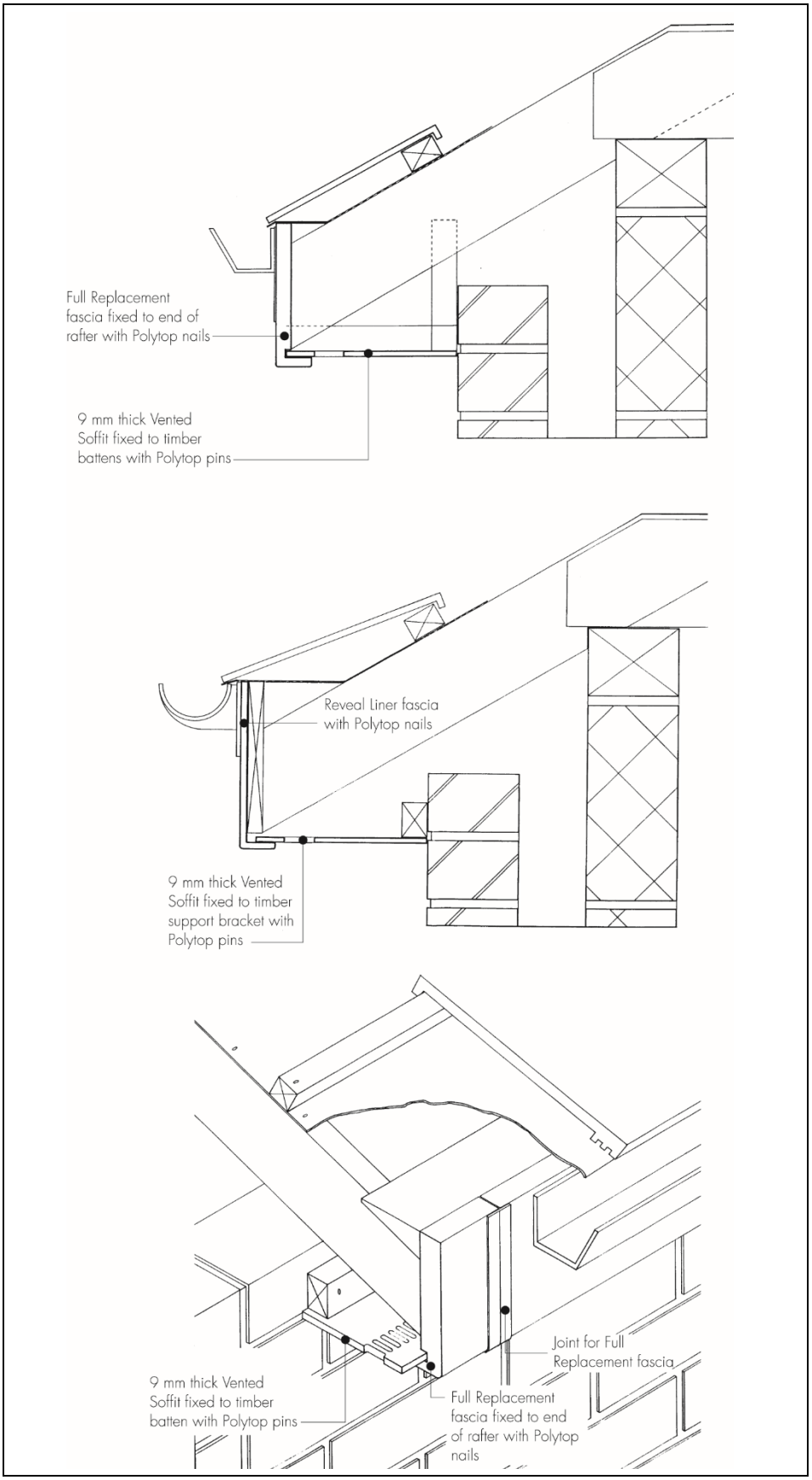
Management Systems Certification for production

The management system of the manufacturer has been assessed and registered as meeting the requirements of of BS EN ISO 9001 : 2015 and BS EN ISO 14001 : 2015 by BSI (Certificates FM 537077 and EMS 565873 respectively).

Additional information on installation

A.1 Typical installation details are given in Figure 4.

Figure 4 Typical insulation details



General

A.2 PVC-U gutters, as specified in BS EN 607 : 2004, may be screw-fixed directly to the 16 mm Full Replacement fascia boards or thicker. Gutter bracket spacings must not exceed one metre; reduced spacings are recommended in the Scottish Highlands, where snow loading should be considered. Other lightweight gutters may also be screw-fixed to the Full Replacement fascia board provided the maximum bracket-loading (as covered in BS EN 607 : 2004) is not exceeded. For other boards, all gutters should be fixed through the fascia to rafter ends or other sound timber.

A.3 Replacement of, rather than fixing over, existing fascia is recommended. Timber roof structures to which the system is fixed must be designed and/or constructed in accordance with the relevant national Building Regulations and BS EN 1995-1-1 : 2004 and its UK National Annex.

A.4 Rafter feet and gable ladders must be adequately supported to ensure rigidity.

Procedure

Fascia boards

A.5 Fascia boards are fixed to rafter feet at centres not exceeding 600 mm for white fascia boards and not exceeding 400 mm for all other colours, using two specified ring-shanked nails. Full Replacement fascia boards may be fixed directly to rafter feet using 65 mm long nails (50 mm for other boards). Full Replacement fascia boards are fixed directly to rafter ends; other boards should be fixed to rafter ends through a sound fascia backing board.

A.6 Butt joints between fascia boards should be made at the rafter with a 10 mm wide expansion gap, and with both boards fixed to the rafter foot.

A.7 At corners, both boards are fixed to sound timber, allowing a 5 mm expansion gap at the end of each board. A corner trim is fixed to the end of one board as described in section A.8

A.8 Internal corner joints are covered by internal corner trims. These are fixed to the end of one board with a low-modulus neutral-cure silicone sealant.

A.9 For the Full Replacement fascia boards, gutter brackets may be fixed directly into the board at spacings not greater than one metre, using the screws recommended by the Certificate holder. The screws should penetrate the rear face of the board. For all other boards, gutter brackets are screwed through the fascia board into the timber support.

Soffit boards

A.10 Soffits are made from cellular soffit boards or rigid hollow soffits. The latter may be used lengthways or in short lengths at right angles to the wall. To give a tongue-and-groove effect, the indented face should be exposed.

A.11 The soffit should fit into or onto the fascia and into a trim or onto a nogging on the wall.

A.12 The boards are fixed to rafter feet, soffit bearers or other timber support at centres along their length, not exceeding 600 mm for white fascia boards and not exceeding 400 mm for coloured or foiled fascia boards, and across their width, not exceeding 200 mm, using the specified 40 mm nails.

A.13 Where required, soffit boards may be joined along their length or width using a joint trim.

A.14 To comply with national Building Regulations, a vented soffit board or soffit ventilator trim is used as necessary.

Barge boards

A.15 Barge boards are installed by fixing fascia boards to a gable ladder or noggings, using the procedures given in section A.5.

A.16 Barge boards meeting at a ridge should be mitred to the appropriate angle.

A.17 Box ends are constructed from GMB Flatboard and trims to suit the roof pitch and overhang requirement. Any timber framework required in the construction of the box end must be preservative-treated.

Bibliography

BS 476-7 : 1997 *Fire tests on building materials and structures — Method of test to determine the classification of the surface spread of flame of products*

BS 7619 : 1993 *Extruded cellular unplasticized white PVC (PVC UE) profiles – Specification*

BS 5250 : 2021 *Code of practice for control of condensation in buildings*

BS 7722 : 2010 *Surface covered PVC-U profiles for windows and doorsets – Specification — Annex C — Adhesive bond strength test for laminated foil profiles*

BS EN 607 : 2004 *Eaves gutters and fittings made of PVC-U — Definitions, requirements and testing*

BS EN 13245-2 : 2008 Plastics *: Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications*

BS EN 1995-1-1 : 2004 + A2 : 2014 *Eurocode 5 : Design of timber structures — General — Common rules and rules for buildings*
NA to BS EN 1995-1-1 : 2004 + A2 : 2014 UK National Annex to *Eurocode 5: Design of timber structures — General — Common rules and rules for buildings*

BS EN ISO 2409 : 2013 *Paints and varnishes — Cross-cut test*

BS EN ISO 4892-2 : 2006 + A1 : 2009 *Plastics — Method of exposure to laboratory light sources — Fluorescent UV lamps*
BS EN ISO 4892-3 : 2016 *Plastics — Method of exposure to laboratory light sources — Fluorescent UV lamps*

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

BS EN ISO 14001 : 2015 *Environmental management systems — Requirements with guidance for use*

BS EN ISO 14021 : 2016 *Environmental labels and declarations — Self-declared environmental claims (Type II environmental labelling)*

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.
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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
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- 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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