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BBA APPROVAL INSPECTION TESTING CERTIFICATION
TECHNICAL APPROVALS FOR CONSTRUCTION

Agrément Certificate
91/2620
Product Sheet 1 Issue 6

SWISH ROOFLINE SYSTEM

SWISH CELLULAR PVC-U ROOFLINE SYSTEM

This Agrément Certificate Product Sheet(1) relates to the Swish Cellular PVC-U 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 Sixth issue: 11 February 2026
Originally certified on 27 March 1991

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 Swish Cellular PVC-U 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 the 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 2026

In the opinion of the BBA, the Swish Cellular PVC-U 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 Swish Cellular PVC-U 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, soffit ventilator and accessories, for external use at the roofline as a substitute for timber or other conventional materials.

ASSESSMENT

Product description and intended use

The Certificate holder provided the following description for the system under assessment. The Swish Cellular PVC-U Roofline System consists of a range of white cellular PVC-UE soffit, fascia and barge boards, soffit ventilator and accessories.

The cellular boards comprise a closed-cell cellular PVC-U core beneath an outer weathering impact-modified PVC-U skin.

Fascia boards

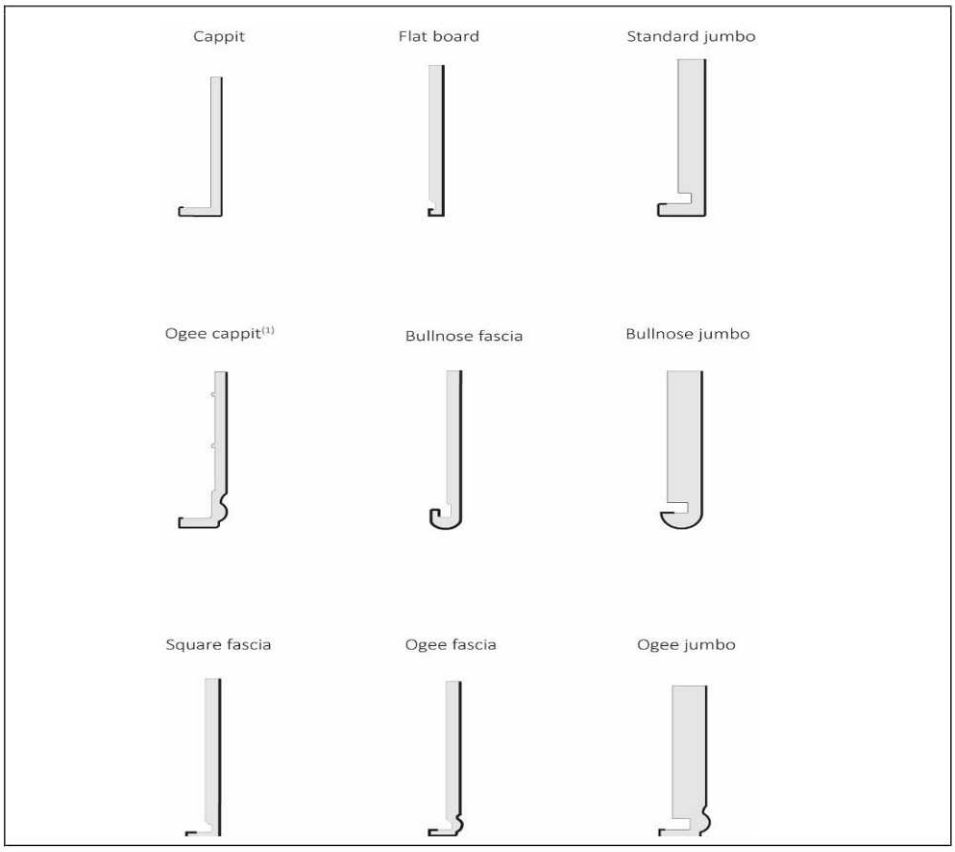
The fascia boards are available in the dimensions given in Table 1[(1)]. The boards are extruded in standard 5 m lengths with a nominal density of 370 to 500 kg·m^{-3} and a skin thickness of 0.3 mm. See Figure 1.

(1) The 20 and 25 mm thick fascia boards are also called Jumbo boards.

Table 1 Fascia boards

Fascia boards	Board thickness (mm)	Width (mm)
Cappit	9	100–605
Flat Board	16	150–405
Standard Jumbo	20	150–455
Ogee Cappit	12 (including ribs)	150–405
Bullnose	16	150–455
Bullnose Jumbo	25	150–405
Ogee	16	150–405
Square	16	150–405
Ogee Jumbo	20	150–405

Figure 1 Fascia boards

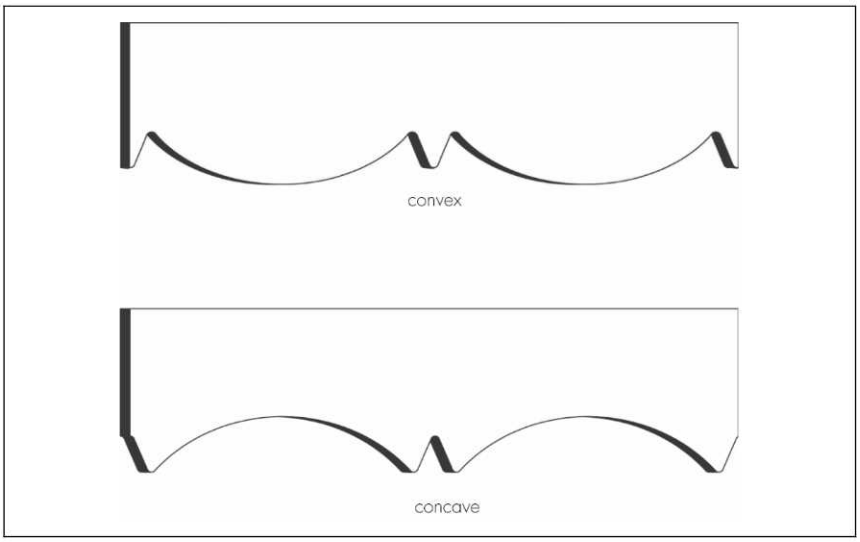


(1) The ribs running along the unexposed face of the Ogee Cappit boards are intended to allow air to the backing board and maintain a level front surface.

The 16 mm thick Square fascia board is also available with a decorative chamfered cut edge, either convex or concave (see Figure 2). The purpose of the chamfer is to reduce the visibility of the cut edge. The minimum width of this decorative board is 160 mm.

All fascia profiles are available as double-ended boards in widths of 355, 405 and 455 mm.

Figure 2 16 mm fascia thick Square fascia board with decorative cut edge



Soffit boards

Unvented (see Table 2 and Figure 3) and vented soffit boards (for ventilating the roof void, see Table 3 and Figure 4) are available.

Table 2 Soffit boards (unvented)

Soffit boards	Board thickness (mm)	Width (mm)
Gee Pee Boards	9	100–605
Fluted Soffit	9	300
Cladding Soffit Shiplap	6 or 7	100 or 150
Open 'V'	7 or 7.5	100 or 150
Tee Gee	6	125

Figure 3 Soffit boards (unvented)

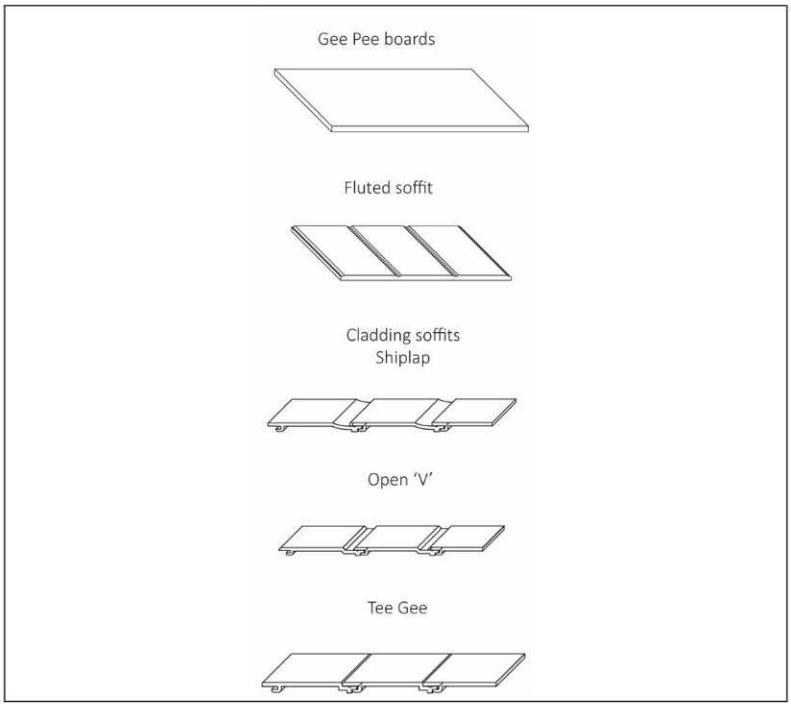
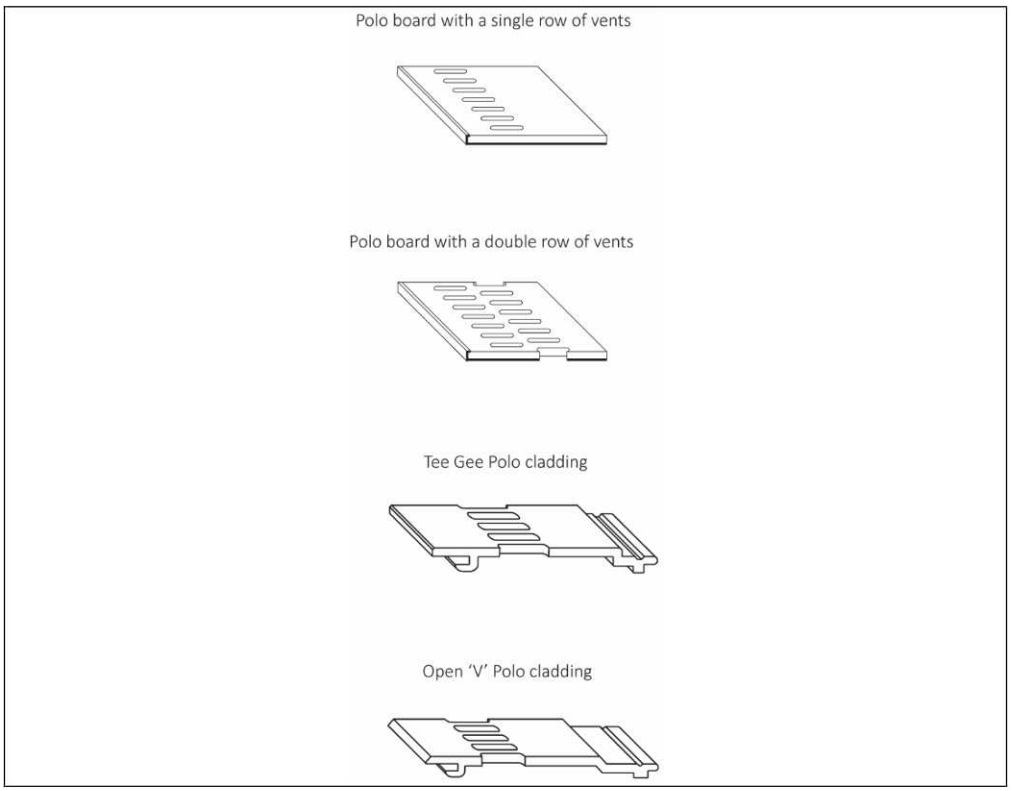


Table 3 Soffit boards (vented)

Soffit board	Board thickness (mm)	Width (mm)
Polo board with a single row of vents	9	100–605
Polo board with a double row of vents	9	150–450
Tee Gee Polo cladding	6	125
Open 'V' Polo cladding	7.5	150

Figure 4 Soffit boards (vented)



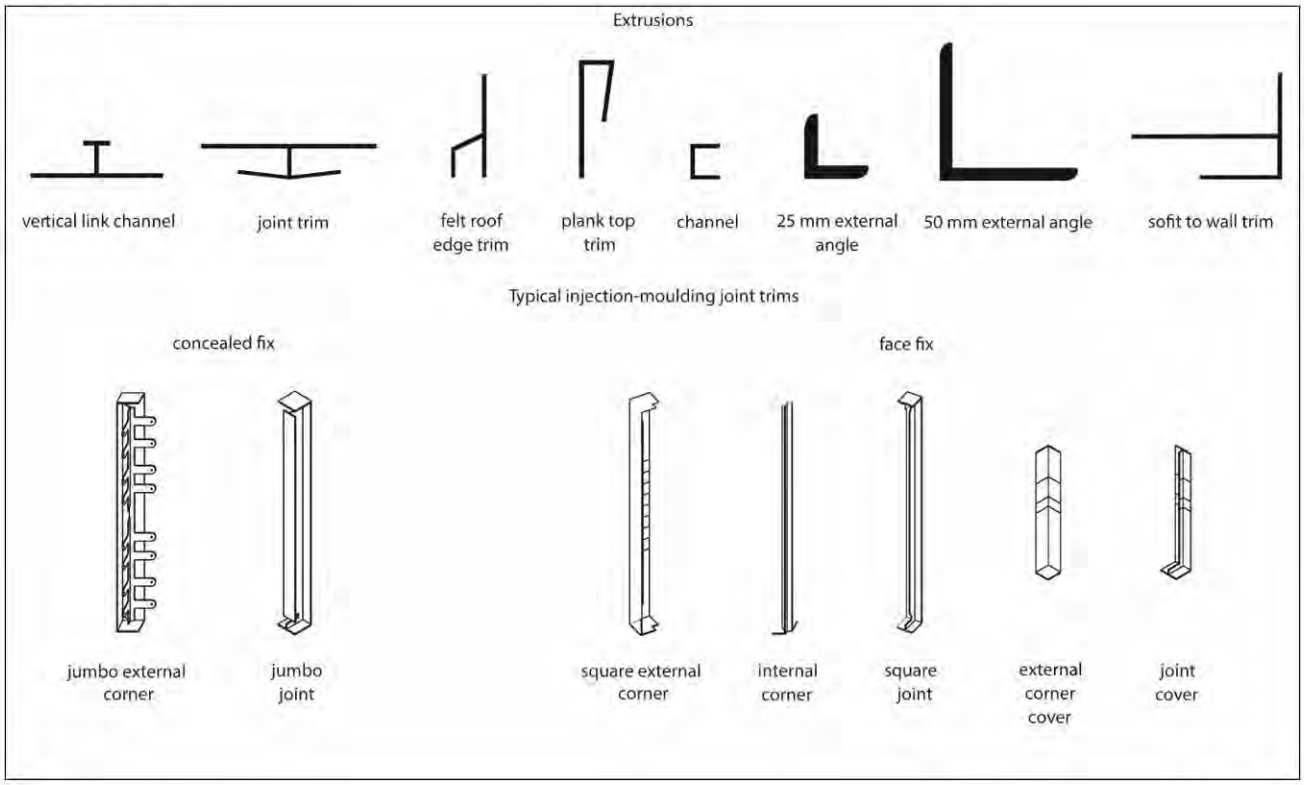
The Polo boards are also available with a double row of slots, providing a ventilation area which has a continuous air gap of 10 or 25 mm wide at the eaves.

Ancillary Items

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

- a range of impact-modified PVC-U extruded trims, as given in Figure 5
- joint covers for use with the cellular boards
- 65 mm trim top nails.

Figure 5 Trims



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:

- fixings — a range of stainless steel(1) annular ring shank nails with white plastic heads and white cover caps, for fixing the boards to sound roof timbers
- 30, 40 and 50 mm trim top nails
- silicone sealant — for fixing cover trims to boards at corners and abutments.

(1) A4 (steel No 1.4401 to BS EN 10088-2 : 2014).

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 given in Table 4.

Table 4 Resistance to impact

System assessed	Assessment method	Requirement	Result
Tee Gee Polo cladding board - 6 mm thickness	Resistance to impact to BS EN 13245-2 : 2008	No cracking or damage to external face	Pass
Open 'V' boards	Hard body impact to a BBA method	Value achieved	3 Joules

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 structural performance tests are given in Table 5.

Table 5 Structural performance tests

System assessed	Assessment method	Requirement	Result
16 mm thick Square	Load test to a BBA method	Maximum deflection 5 mm	Pass
9 mm Cappit with 65 mm Trim top nails	Fixing pull-through to a BBA method	Value achieved	Mean 999 N
12 mm Ogee with 65 mm Trim top nails	Fixing pull-through to a BBA method	Value achieved	Mean 1218 N
Cappit	Flexural stress to BS 2782-3 : Method 335A : 1978	Value achieved	Mean 23 $N \cdot mm^{-2}$
	Flexural modulus to BS 2782-3 : Method 335A : 1978	Value achieved	Mean 1049 $N \cdot mm^{-2}$
Cappit Joint Trims	Flexural stress to BS 2782-3 : Method 335A : 1978	Value achieved	Mean 65 $N \cdot mm^{-2}$
	Flexural modulus to BS 2782-3 : Method 335A : 1978	Value achieved	Mean 2311 $N \cdot mm^{-2}$

1.2.2 On the basis of data assessed, the 16 mm (and thicker) 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 the requirements of this Certificate.

1.2.3 With 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 UK.

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 achieved are given in Table 6.

Table 6 Reaction to fire classification

Product assessed	Assessment method	Test Report reference[1]	Requirement	Result
Cappit Thickness: 9 mm	BS EN 13501-1 : 2018	Warringtonfire 550461	Value achieved	Class E
Flat board Thickness : 16 mm	BS EN 13501-1 : 2018	Warringtonfire 550461	Value achieved	Class E
Standard Jumbo Thickness : 20 mm	BS EN 13501-1 : 2018	Warringtonfire 550461	Value achieved	Class E
Ogee Cappit Thickness : 12 mm	BS EN 13501-1 : 2018	Warringtonfire 550461	Value achieved	Class E
Bullnose Thickness: 16 mm	BS EN 13501-1 : 2018	Warringtonfire 550461	Value achieved	Class E
Bullnose Jumbo Thickness: 25 mm	BS EN 13501-1 : 2018	Warringtonfire 550461	Value achieved	Class E
Ogee Thickness : 20 mm	BS EN 13501-1 : 2018	Warringtonfire 550461	Value achieved	Class E
Square Thickness : 16 mm	BS EN 13501-1 : 2018	Warringtonfire 550461	Value achieved	Class E
Ogee Jumbo Thickness : 20 mm	BS EN 13501-1 : 2018	Warringtonfire 550461	Value achieved	Class E
GeePee Soffit board Thicknes : 9 mm	BS EN 13501-1 : 2018	Warringtonfire 550461	Value achieved	Class E

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

2.1.2 When tested in accordance with BS 476-7 : 1997, the fascia boards achieved the surface spread of flame classifications given in Table 7 of this Certificate.

Table 7 Surface spread of flame tests

System assessed	Assessment method	Test Report reference[1]	Requirement	Result
GeePee Soffit board White Thickness : 9 mm	BS 476-7 : 1997	Exova 197236	Value achieved	Class 1Y
Flat board screwed to 2538TB – treated timber battens 25 x 38 mm timber-frame Thickness: 16 mm	BS 476-7 : 1997	Exova 370164	Value achieved	Class 1Y
Square Thickness: 16 mm	BS 476-7 : 1997	Exova 197683	Value achieved	Class 1

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

2.1.3 The classification and permissible areas of use on other substrates or incorporated within a specific construction must be determined in accordance with the documents supporting the national Building Regulations.

2.1.4 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 characteristics.

3.1 Ventilation

3.1.1 Results for ventilation open area are given in Table 8.

Table 8 Ventilation open area

Product name	Open area ($mm^2 \cdot m^{-1}$)	Width of a continuous slot with the same area(1) (mm)
Ventilated soffit boards with a double row of slots	25 946	25.9
Ventilated soffit boards with a single row of slots	12 973	13

(1) At eaves level.

3.1.2 On the basis of data assessed, the ventilation components 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

The PVC-U and PVC-UE profiles can be readily recycled.

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

System assessed	Assessment method	Requirement	Result
Tee Gee Polo cladding board Thickness: 6 mm	Impact resistance after UV ageing to BS EN 13245-2 : 2008 and BS EN ISO 4892-3 : 2016, Method A, Cycle 1 for 1500 hours UVA	No cracking or damage to external face	Pass
A representative relative product	Impact resistance to BS 2782-3 Method 350 : 1984, ISO 180 - 1982 on control	Value achieved	Mean 15 $kJ \cdot m^{-2}$
	Impact resistance after UV ageing to ASTM G 53-84, QUV 313 lamps 4 hrs UV/45°C, 4 hrs Condensation/40°C for 500 hours	Value achieved	Mean 9 $kJ \cdot m^{-2}$
Cladding Soffit Shiplap 150 mm board Thickness: 7 mm	Flexural strength to BS 2782-3 : Method 335A : 1978, ISO 178-1975 on control	Value achieved	Mean 30 $N \cdot mm^{-2}$
	Elastic modulus to BS 2782-3 : Method 335A : 1978, ISO 178-1975 on control	Value achieved	Mean 882 $N \cdot mm^{-2}$
	Elastic modulus after UV ageing to ASTM G 53-84,QUV 313 lamps 4 hrs UV/45°C, 4 hrs condensation/40°C for 500 hours	Value achieved	Mean 875 $N \cdot mm^{-2}$
	Flexural strength after UV ageing to ASTM G 53-84, QUV 313 lamps 4 hrs UV/45°C, 4 hrs condensation/40°C for 500 hours	Value achieved	Mean 32 $N \cdot mm^{-2}$

8.2.2 On the basis of data assessed, there may be a slight yellowing over the service life of the system, but this will be uniform over a given elevation.

8.3 Service life

Under normal service conditions, the Swish Cellular PVC-U Roofline System will have a service life in excess of 35 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 specified in this Certificate.

9.1.2 Rotten timber must always be replaced by new, treated timber.

9.1.3 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 board and at the joint trim (ie, 10 mm between boards), to allow for movement.

9.1.4 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.

9.1.5 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 corrosion of screws and nails used to fix the components.

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

9.1.7 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 account of roof size, complexity and air permeability of roof coverings when determining the location and size of ventilation openings.

9.1.8 When providing roof space ventilation, it is essential that the airway does 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 a temperature 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 fixings as 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 can 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 material can be cut and drilled, using normal woodworking tools.

9.4.2.3 The dimensions of the slots in the ventilation products are such that the risk of blockage is limited. However, blockage by insects and debris would impair their performance as vents, and the slots should be examined periodically 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 packaging sealed in polythene sleeves bearing the Certificate holder's marking and the BBA logo incorporating the number of this Certificate. Pack quantities vary dependent upon the type of profile. Mouldings (fascia joints and corners) are supplied in bags and commonly packed in 2's or 10's depending on size/style.

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-UE boards and trims to avoid contact with solvents or materials containing volatile organic components.

11.2.2 The packs must be unloaded by hand to avoid damage, and stored flat on a clean, level surface in their protective wrapping. Stacks must not exceed one metre in height and must be restrained to prevent collapse. To avoid damage, additional protection must be provided when the components 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.

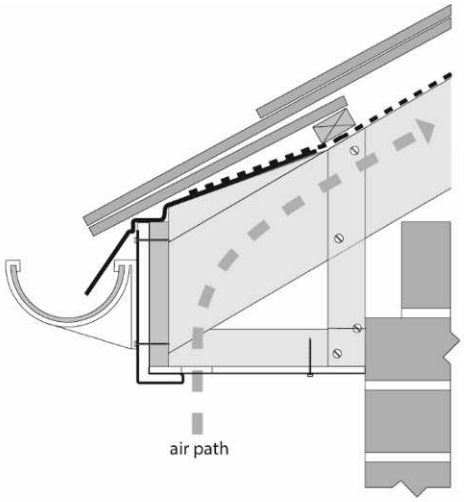
Management Systems Certification for production

The management system of the manufacturer has been assessed and registered as meeting the requirements of BS EN ISO 9001 : 2015 by BSI (Certificate FM 605711).

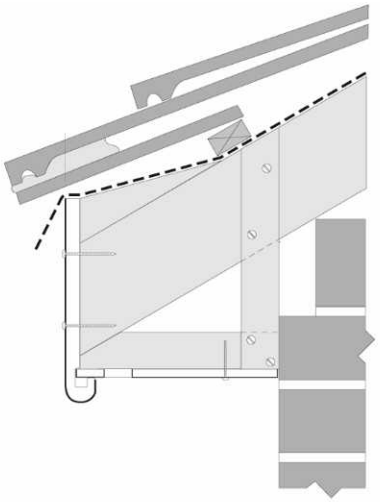
Additional information on installation

A.1 Typical installation details are given in Figure 6.

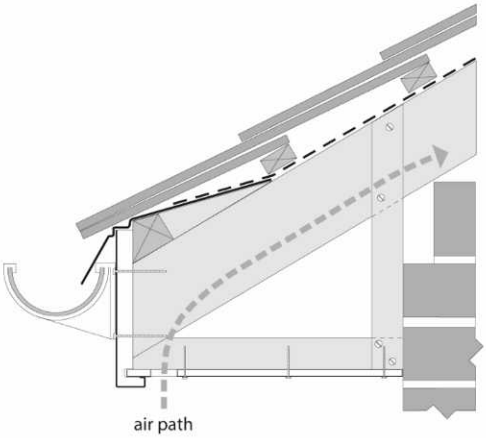
Figure 6 Typical installation details



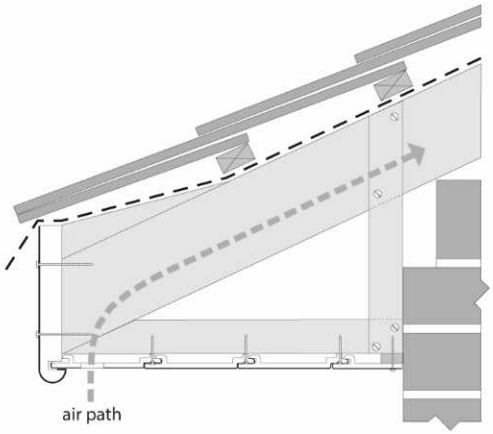
9 mm Cappit with Polo board soffit



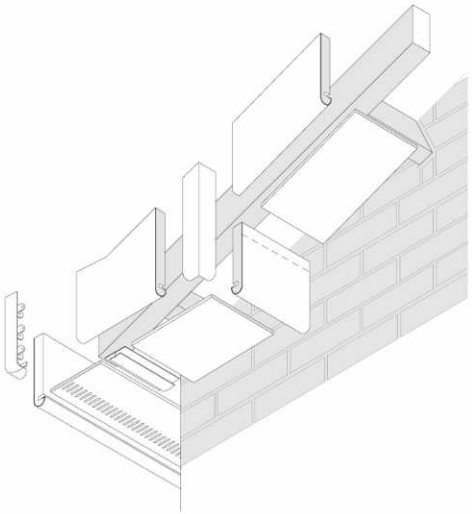
16 mm Bullnose with Gee Pee board



Standard Jumbo with Polo board

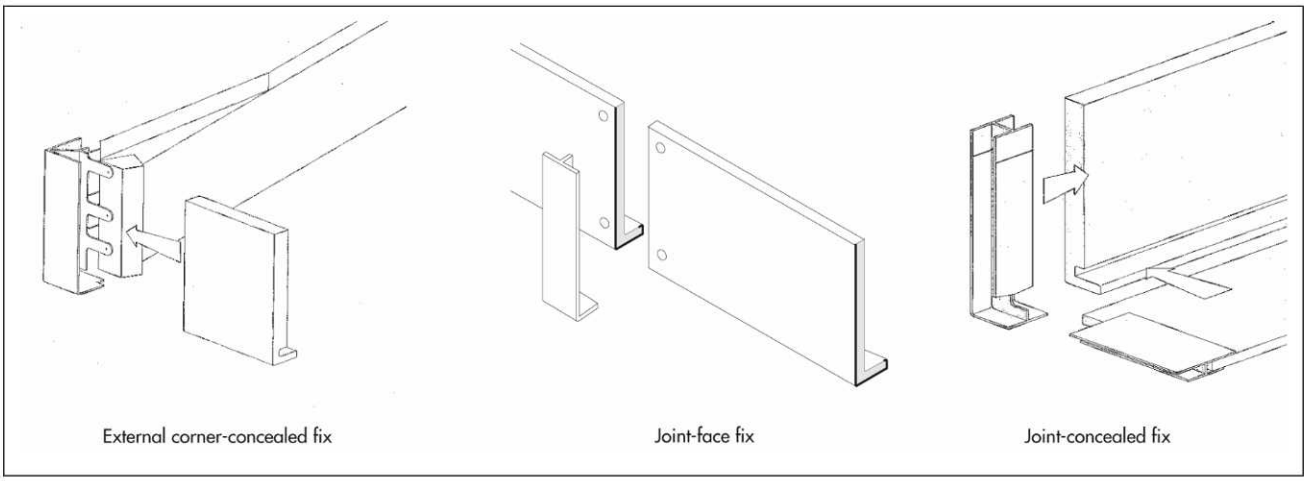


Bullnose jumbo with Tee Gee Polo cladding



Box end detail (cut fascia board)

Figure 6 Typical installation details (continued)



A.2 PVC-U gutters, as specified in BS EN 607 : 2004, may be screw-fixed directly to the 16 mm Flatboard/Bullnose /Square boards or thicker. Gutter bracket spacing must not exceed one metre; reduced spacing is recommended in the Scottish Highlands, where snow loading must be considered. Other lightweight gutters may also be screw-fixed to the 16 mm Flatboard/Bullnose/Square boards, provided that the maximum bracket loading (as covered in BS EN 607 : 2004) is not exceeded. For other boards, all gutters must be fixed through the fascia to rafter ends of 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 or, where relevant, to support timber at centres not exceeding 600 mm using at least two fixings(1) per rafter. When the system is installed in particularly exposed locations, it is recommended that the fascia boards are fixed to support timbers at maximum 400 mm centres.

(1) Outside the scope of this Certificate.

A.6 Where necessary, fascia boards are joined between rafters using the appropriate joint trim cut to size. The trim is fixed to one board only, allowing a 5 mm gap for expansion at the end of each board. Depending on the particular trim, either a low modulus silicone sealant(1) or a nail(1) through the spine of the trim into the end of the board is used, to secure the trim in place.

(1) Outside the scope of this Certificate.

A.7 At external corners, the appropriate corner joint trim, cut to size, is used. The trim is either nailed to timber work through the holes provided in the inner lug of the trim using the specified 25 mm nail(1) or face-fixed to one board with a low-modulus silicone sealant(1), depending on the particular trim. In each case, a 5 mm gap for expansion is left at the end of each board.

(1) Outside the scope of this Certificate.

A.8 Internal corner joint trims are available for some boards, which are fitted by the procedure described in section A.7 for external corners.

Soffit boards

A.9 Soffit boards, fitted into or butted up against fascia boards, may be used in a variety of ways, as illustrated in Figure 6.

A.10 Soffit boards must be fixed into soffit bearers, battens secured to the wall, or the underside of the rafters at maximum 600 mm centres along their length, and 200 mm centres across their width, using 40 mm nails(1) specified by the Certificate holder.

A.11 Where cladding boards are used to construct a soffit, the instructions specified for this system must be followed, starting at the fascia and working towards the building using the specified secret-fix annular ring-shank nails(1).

(1) Outside the scope of this Certificate.

A.12 For soffit runs in excess of 5 m, board ends are fitted into a soffit joint trim.

A.13 To comply with the national Building Regulations, a ventilator trim is incorporated into the soffit, as necessary.

Barge boards

A.14 Barge boards are installed by fixing fascia boards to a gable ladder or noggings, using the procedure given for fascia boards in section A5.

A.15 The ridge joint must be made using an appropriate joint trim, depending on the barge board profile.

A.16 Eaves box ends are constructed using the appropriate fascia board and cut to suit the roof pitch, fascia and soffit detail. The fascia boards are nailed(1) to the roof timbers and the box end trims fixed to the PVC-UE boards, with low modulus silicone sealant(1) and, if necessary, additional nail trims. Any timber framework required in the construction of the box end must be preservative-treated.

(1) Outside the scope of this Certificate.

Bibliography

ASTM G 53-84 *Standard practice for Operating Light and Water Exposure Apparatus (Fluorescent UV-Condensation Type) for Exposure of Non-metallic Materials*

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 2782-3 : Method 335A : 1978, ISO 178-1975 *Methods of testing plastics — Mechanical properties — Determination of flexural properties of rigid plastics*
BS 2782-3 Method 350 : 1984, ISO 180-1982 *Methods of testing plastics — Mechanical properties — Determination of Izod impact strength of rigid materials*

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

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

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 10088-2 : 2014 *Stainless steels — Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general purposes*

BS EN 13245-2 : 2008 *Unplasticised poly(vinyl chloride) (PVC-U) profiles for building applications — PVC-U profiles and PVC-UE profiles for internal and external wall and ceiling*

BS EN 13501-1 : 2018 *Fire classification of construction products and building elements*

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*

Conditions

1 This Certificate:

- relates only to the system 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 system 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 system or any other product
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- actual installations of the product, including their nature, design, methods, performance, workmanship and maintenance
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- 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 system which is contained or referred to in this Certificate is the minimum required to be met when the system 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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