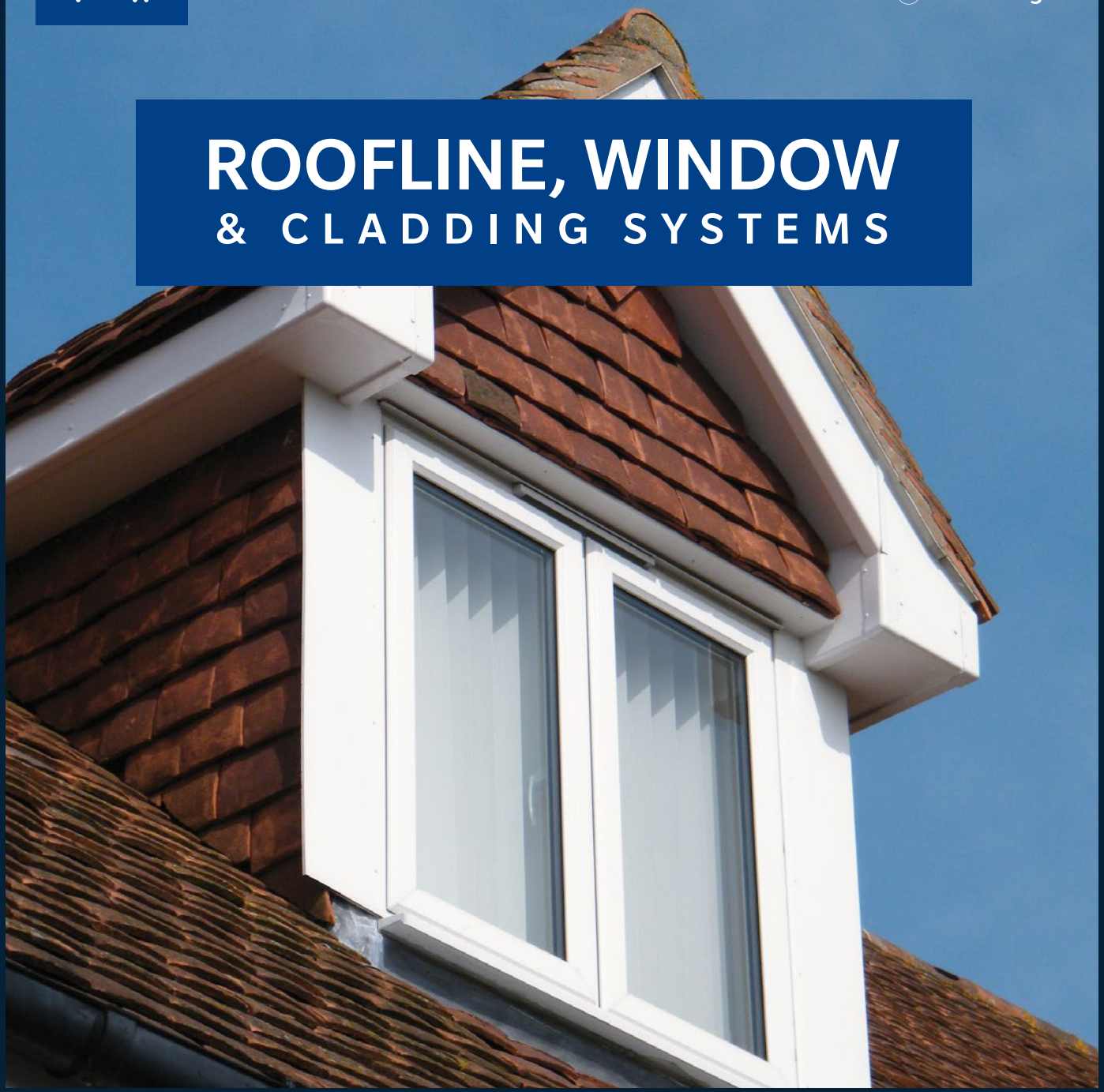
FloPlast

wienerberger

ROOFLINE, WINDOW & CLADDING SYSTEMS



Roofline, Window & Cladding Systems

FloPlast Roofline, Window & Cladding extrusions are manufactured on state of the art machinery and extrusion dies at the group's Cork plant, which has over 40 year's experience behind it.

Quality is Guaranteed
Available in a wide range of high gloss finishes, FloPlast co-extruded White PVC-UE boards and Woodgrain Foil PVC-UE boards come with a **20 Year Product Guarantee** for White and a **10 Year Product Guarantee** for Woodgrain Roofline, Window & Cladding products in respect of performance and significant discolouration.

The guarantee is subject to registration of the installation, which can be done through the FloPlast website.

FloPlast boards offer a low maintenance solution to both Roofline and Window Systems construction.

Range Benefits

- Low Maintenance
- Durable & Resistant
- Workable Material
- Resistant to moisture

Accreditations

bsi. ISO 9001 Quality Management FM 501414 | ISO 14001 Environmental Management EMS 538445 | ISO 45001 Occupational Health and Safety Management OHS 593622 | ISO 50001 Energy Management ENMS 638370

BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 08/3771

BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 08/3772

20 YEAR GUARANTEE FOR WHITE ROOFLINE

10 YEAR GUARANTEE FOR WOODGRAIN ROOFLINE

WHITE PVC-UE FASCIA BOARD

FloPlast offer a range of Fascia Boards for use in both new build work, total replacement or refurbishment by covering existing timber. The range of fascia profiles comprise:

- A traditional 9mm Universal Board which requires a backing board.
- An Ogee Fascia Board which offers a decorative alternative to the Universal Board.
- An 18mm Mammoth Board which does not require a backing board to support it, because of its rigid linear strength, and thickness. This makes it suitable for total replacement and new build applications when it is fixed directly to the rafter ends.
- Ogee Mammoth Board offers a decorative alternative to the plain mammoth board.

Universal Fascia Board - 9mm

Single Leg

Size	Code
100mm	U100
150mm	U150
175mm	U175
200mm	U200
225mm	U225
250mm	U250
275mm	U275
300mm	U300

Double Leg

Size	Code
354mm	U354
450mm	U450

Ogee Fascia Board - 10mm

Single Leg

Size	Code
150mm	O150
175mm	O175
200mm	O200
225mm	O225
250mm	O250

Double Leg

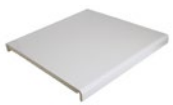
Size	Code
404mm	O404

Mammoth Board - 18mm

Single Leg

Size	Code
150mm	M150
175mm	M175
200mm	M200
225mm	M225
250mm	M250
300mm	M300

Double Leg



Size	Code
404mm	M404

Usage Suitability	Universal Fascia Board	Ogee Fascia Board	Mammoth Fascia Board	Ogee Mammoth Fascia Board
Fascia Refurbishment	•	•		
Window Board	•		•	
Reveal Liner	•		•	
Replacement/New Build			•	•

- **Low Maintenance**
  No painting required, just needs occasional cleaning.
- **Weather Resistant**
  Impervious to moisture. Will not degrade in harsh conditions.
- **Cost-Effective**
  Lower lifetime cost than timber due to reduced upkeep.
- **Choice of Design**
  Available in multiple styles for a clean and modern finish.
- **Application**
  Available for full replacement or refurbishment purposes.

20 YEAR GUARANTEE FOR WHITE ROOFLINE

Ogee Mammoth Board - 18mm

Single Leg

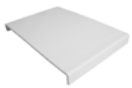
Size	Code
150mm	G150
175mm	G175
200mm	G200
225mm	G225
250mm	G250
300mm	G300

Double Leg

Size	Code
454mm	G454

Box End Boards

Universal

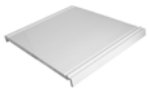


Size	Code
454mm	UB454

Mammoth

Size	Code
404mm	MB404

Ogee Mammoth



Size	Code
454mm	GB454

WHITE PVC-UE SOFFIT BOARD

Soffits can be formed using a number of options:

- Multi-Purpose Board up to a width of 600mm combined with Soffit Vent Strip or Circular Disc Ventilators.
- Pre-vented Soffit Board with air slots to provide ventilation to a 10mm or 25mm wide clear air gap, which conforms to BS 5250:2021.
- Rigid PVC-U Hollow Soffit in 300mm widths provide a cost competitive and effective alternative to cellular boards. These should not be used as an external cladding system.

20 YEAR GUARANTEE FOR WHITE ROOFLINE

Multi Purpose Soffit Board - 10mm

Single Round Edge

Size	Code
100mm	S100
150mm	S150
175mm	S175
200mm	S200
225mm	S225
250mm	S250
500mm	S500

Double Round Edge

304mm	S304
404mm	S404
600mm	S600

Vented Soffit - 10mm

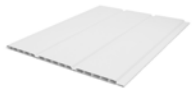
Single Round Edge

Size	Code
100mm	V100
100mm	V150
100mm	V175
100mm	V200
100mm	V225
100mm	V250
500mm	V500

Double Round Edge

100mm	V304
100mm	V500
100mm	V600

Hollow Soffit



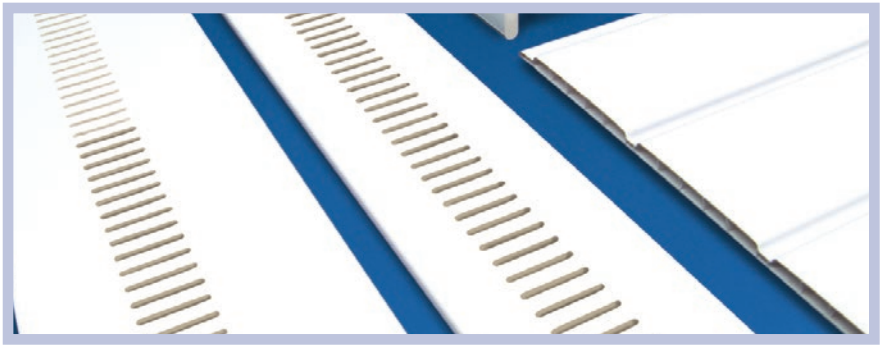
Size	Code
300mm	H300

Hollow Soffit Trim

Shape	Code
J	HJ

Hollow Soffit Trim

Shape	Code
H	HH



WHITE PVC-U JOINTS & TRIMS

When installing fascia boards, especially on long or multi-angled runs, you can't always use a single, continuous piece of fascia. Instead, multiple boards are joined together.

This results in visible joints or cut edges, which can be unsightly or vulnerable to moisture. To address this, inline joints and corner trims are used.

20 YEAR GUARANTEE FOR WHITE ROOFLINE

300x42mm In-Line Joint

Information	Code
Single Ended Joint	RT1

500x35mm In-Line Joint

Information	Code
Double Ended Joint	RT2

500x42mm In-Line Joint

Information	Code
Double Ended Joint	RT3

300x42mm Corner Joint

Information	Code
Single Ended Joint	RT4

500x35mm Corner Joint

Information	Code
Double Ended Joint	RT5

500x35mm Corner Joint

Information	Code
Double Ended Joint	RT6

500x35mm Internal Corner Joint

Information	Code
Internal Corner	RT7

300x42mm Corner Joint

Information	Code
External Corner	RT10

300x50mm Ogee In-Line Joint

Information	Code
Single Ended Joint	RT11

500x50mm Ogee In-Line Joint

Information	Code
Double Ended Joint	RT12

500x50x50mm Ogee Corner Joint

Information	Code
Single Ended Joint	RT14

500x50x50mm Ogee Corner Joint

Information	Code
Double Ended Joint	RT15

WHITE PVC-U JOINTS & TRIMS

Bargeboard mouldings are used on gable ends to enhance the appeal of a building.

Finials are used as a decorative feature fixed to the apex of a gable.

Soffit ventilators are used as an additional method to ventilate the roof space.

500x50x50mm Ogee Internal Corner Joint

Information	Code
Single Ended Joint	RT17

404x60mm Ogee Box End Cover

Information	Code
Double Ended Joint	RT19

500mm Bargeboard Moulding Trim

Information	Code
N/A	RT22

340mm Finial

Information	Code
N/A	RT23

900mm Finial

Information	Code
N/A	RT29

Disc Soffit Ventilator

Information	Code
75mm Diameter	RT25

In-Line Jointing Trim

Information	Code
10 x 20mm	RT20

Edge Capping Trim

Information	Code
10 x 11mm	RT21

Soffit Ventilator

Information	Code
N/A	RT24

Soffit Ventilator with mesh

Information	Code
N/A	RT27

Eaves Protection System

Information	Code
1.5m	EPS

WHITE WINDOW SYSTEMS

- **Aesthetic Finish**
  Covers gaps between the window frame and wall hiding any rough edges.
- **Moisture Barrier**
  Providing a seal to help with weather protection and prevent moisture damage.
- **Air Sealing**
  Helps reduce drafts and energy loss.
- **Durability**
  Resistant to rot, mould, and pests.
- **Low Maintenance**
  No painting required, just wipe down when needed.

20 YEAR GUARANTEE FOR WHITE ROOFLINE

Architrave-Pencil Round

Size	Code
45 x 6mm	WT1
65 x 6mm	WT2
95 x 6mm	WT3

D Section

Size	Code
28 x 6mm	WT4

Edge Fillet

Size	Code
20mm	WT5

Quadrant

Size	Code
12mm	WT6
19mm	WT7

Square

Size	Code
15 x 13mm	WT8

90° Hollow Angle

Size	Code
100 x 80mm	WT30

90° Rigid Angle

Size	Code
25 x 25mm	WT31

90° Rigid Angle

Size	Code
50 x 50mm	WT32

Flexi Angle

Size	Code
25 x 25mm	WT36

Flexi Angle

Size	Code
35 x 35mm	WT37

Flexi Angle

Size	Code
75 x 75mm	WT38

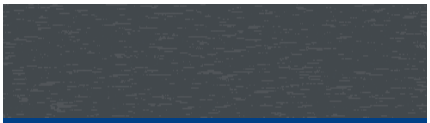
WOODGRAIN PVC-UE FASCIA BOARD

Woodgrain PVC-UE fascia and Soffit board is an exterior trim board made from PVC (polyvinyl chloride) that features a woodgrain effect surface and is foamed for strength and lightness.

Woodgrain Finish:

- Mimics the look of real wood.
- Adds a decorative, natural aesthetic.
- Available in Black Ash, Anthracite Grey and Rosewood.

BLACK ASH (WB)



ANTHRACITE GREY (WA)

ROSEWOOD (WR)

Universal Fascia Board - 9mm

Single Leg

Size	Woodgrain	Code
150mm	WB WA WR	U150
175mm	WB WA WR	U175
200mm	WB WA WR	U200
225mm	WB WA WR	U225
250mm	WB WA WR	U250
300mm	WB WA WR	U300

Double Leg

Size	Woodgrain	Code
450mm	WB WA WR	U450

Mammoth Board - 18mm

Single Leg

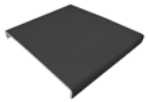
Size	Woodgrain	Code
150mm	WB WA WR	M150
175mm	WB WA WR	M175
200mm	WB WA WR	M200
225mm	WB WA WR	M225
250mm	WB WA WR	M250

Double Leg

Size	Woodgrain	Code
404mm	WB WA WR	M404

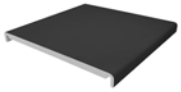
Box End Boards

Universal



Size	Woodgrain	Code
454mm	WB WA WR	UB454

Mammoth



Size	Woodgrain	Code
404mm	WB WA WR	MB404

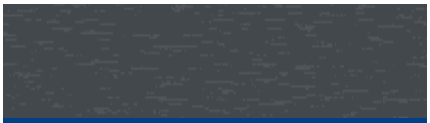
Usage Suitability	Universal Fascia Board	Mammoth Fascia Board
Fascia Refurbishment	•	
Window Board	•	•
Reveal Liner	•	•
Replacement/New Build		•

WOODGRAIN PVC-UE SOFFIT BOARD

- **Cost-Effective**
  Lower lifetime cost than timber due to reduced upkeep.
- **Choice of Finish**
  Available in multiple styles for a clean, modern finish.
- **Application**
  Available for full replacement or refurbishment purposes.
- **Low Maintenance**
  No painting required; resists rot, warping, and cracking. Just needs occasional cleaning.
- **Weather Resistant**
  Impervious to moisture.

10 YEAR GUARANTEE FOR WOODGRAIN ROOFLINE

BLACK ASH (WB)



ANTHRACITE GREY (WA)

ROSEWOOD (WR)

Multi Purpose Soffit Board - 10mm

Single Round Edge

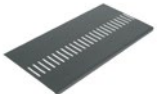
Size	Woodgrain	Code
100mm	WB WA WR	S100
150mm	WB WA WR	S150
175mm	WB WA WR	S175
200mm	WB WA WR	S200
225mm	WB WA WR	S225
250mm	WB WA WR	S250

Double Round Edge

Size	Woodgrain	Code
304mm	WB WA WR	S304
404mm	WB WA WR	S404

Vented Soffit - 10mm

Single Round Edge

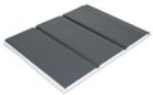


Size	Woodgrain	Code
150mm	WB WA WR	V150
175mm	WB WA WR	V175
200mm	WB WA WR	V200
225mm	WB WA WR	V225
250mm	WB WA WR	V250

Double Round Edge

Size	Woodgrain	Code
304mm	WB WA WR	V304
404mm	WB WA WR	V404

Hollow Soffit



Size	Woodgrain	Code
300mm	WB WA WR	H300

Hollow Soffit Trim

Shape	Woodgrain	Code
J	WB WA WR	HJ

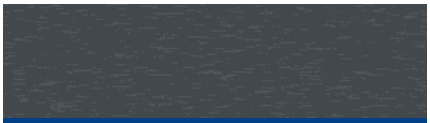
Hollow Soffit Trim

Size	Woodgrain	Code
H	WB WA WR	HH

WOODGRAIN PVC-U JOINTS & TRIMS

- **Choice of Finish**
  Mimics the natural look of wood for a warm, classic appearance.
- **Variety of Woodgrain Styles**
  Available in multiple woodgrain finishes to match your home's exterior.
- **Weather-Resistant**
  Designed to withstand rain, wind, and UV exposure without warping or rotting.
- **Low Maintenance**
  No need for sanding, staining, or painting like traditional wood.
- **Installation**
  Can be cut and installed with standard tools.
- **Stain-Resistant**
  Easy to clean and resists discolouration over time.

BLACK ASH (WB)



ANTHRACITE GREY (WA)

ROSEWOOD (WR)

300x42mm In-Line Joint

Information	Woodgrain	Code
Single Ended Joint	WB WA WR	RT1

500x35mm In-Line Joint

Information	Woodgrain	Code
Double Ended Joint	WB WA WR	RT2

300x42mm Corner Joint

Information	Woodgrain	Code
Single Ended Joint	WB WA WR	RT4

500x35mm Corner Joint

Information	Woodgrain	Code
Double Ended Joint	WB WA WR	RT5

500x35mm Corner Joint

Information	Woodgrain	Code
Internal Corner	WB WA WR	RT7

340mm Finial

Information	Woodgrain	Code
N/A	WB WA WR	RT23

In-Line Jointing Trim

Information	Woodgrain	Code
10 x 20mm	WB WA WR	RT20

WOODGRAIN WINDOW SYSTEMS

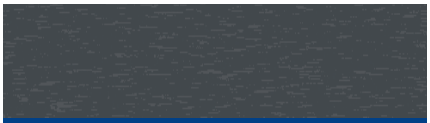
Window trims are installed around the interior and exterior edges of a window concealing any gaps or hiding any rough edges.

Providing a seal to help with weather protection and prevent moisture damage.

A selection of the window trims available in Black Ash, Anthracite Grey and Rosewood woodgrain effect finishes to suit different personal preferences and styles.

10 YEAR GUARANTEE FOR WOODGRAIN ROOFLINE

BLACK ASH (WB)



ANTHRACITE GREY (WA)

ROSEWOOD (WR)

Architrave-Pencil Round

Size	Woodgrain	Code
45 x 6mm	WB WA WR	WT1
65 x 6mm	WB WA WR	WT2
95 x 6mm	WB WA WR	WT3

Quadrant

Size	Woodgrain	Code
12mm	WB WA WR	WT6
19mm	WB WA WR	WT7

90° Rigid Angle

Size	Woodgrain	Code
25 x 25mm	WB WA WR	WT31

D Section

Size	Woodgrain	Code
28 x 6mm	WB WA WR	WT4

Square

Size	Woodgrain	Code
15 x 13mm	WB WA WR	WT8

90° Rigid Angle

Size	Woodgrain	Code
50 x 50mm	WB WA WR	WT32

Edge Fillet

Size	Woodgrain	Code
20mm	WB WA WR	WT5

90° Hollow Angle

Size	Woodgrain	Code
100 x 80mm	WB WA WR	WT30

EAVES BOX ENDS

The versatility and range of FloPlast profiles and accessories allows an extensive choice of detail and appearance when dealing with box ends. The illustrations detailed show some of the industry standard arrangements.

Provision should be made for supporting all free edges of the box ends and box end returns as well as soffit boards.

Treated softwood battens, securely fixed or tied back to the main structure, will provide a suitable means of support.

BOX END DETAIL 1 – Ogee Board fascia & bargeboard cut from a section of fascia.

- The box end is usually deeper than the normal fascia run, because of this we offer our 454mm universal and 404mm mammoth boards in 1.25m lengths.
- Use corner joints at the front and the back of the box end, and close the back of the box with a section of fascia (if this is deeper than the fascia, use the material supplied for the box end section) this should be slightly deeper than the measured height so that there is no gap between it and the bargeboard soffit.
- Cut the rear corner joint to suit.
- Where the back of the box end exceeds 300mm in height use the double ended 500mm corner joint.
- Mitre the soffit at 45° and the soffit joint trim (RT20) at both ends.

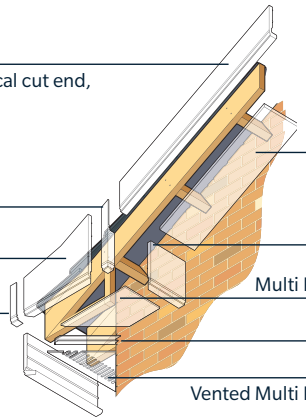
BOX END DETAIL 2 – Mammoth Board fascia, bargeboard, and box end cut from a section of fascia.

- The box end is usually deeper than the normal fascia run, because of this, we offer our 454mm universal and 404mm mammoth boards in 1.25m lengths.
- Use corner joints at the front and the back of the box end, and close the back of the box with a section of fascia (if this is deeper than the fascia, use the material supplied for the box end section) this should be slightly deeper than the measured height so that there is no gap between it and the bargeboard soffit.
- Cut the rear corner joint to suit.
- Where the back of the box end exceeds 300mm in height use the double ended 500mm corner joint.
- The soffit is extended into the box end by butt jointing multi purpose board cut to suit.

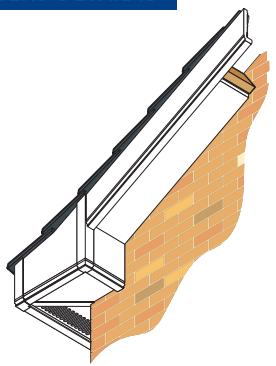
BOX END DETAIL 3 – Mammoth Board fascia, bargeboard, and box end cut from a section of fascia.

- The box end is usually deeper than the normal fascia run, because of this we offer our 454mm universal and 404mm mammoth boards in 1.25m lengths.
- Use corner joints at the front and the back of the box end, and an in-line joint between the bargeboard and the box end section. Close the back of the box with a section of fascia (if this is deeper than the fascia, use the material supplied for the box end section) this should be slightly deeper than the measured height so that there is no gap between it and the bargeboard soffit.
- Cut and mitre the rear corner joint to suit.
- Where the back of the box end exceeds 300mm in height use the double ended 500mm corner joint.
- Mitre the soffit at 45° and the soffit joint trim (RT20) at both ends.

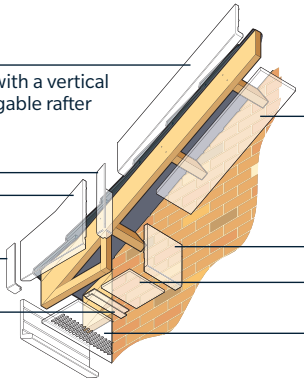
BOX END DETAIL 1A



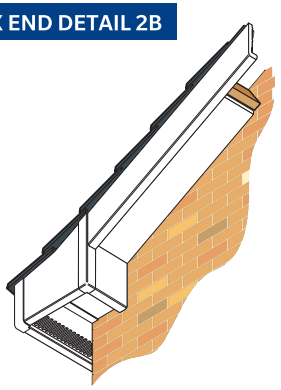
BOX END DETAIL 1B



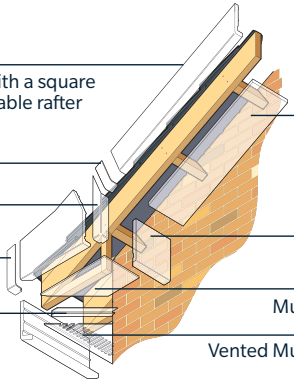
BOX END DETAIL 2A



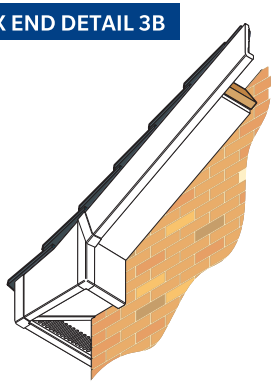
BOX END DETAIL 2B



BOX END DETAIL 3A



BOX END DETAIL 3B



EAVES BOX ENDS

BOX END DETAIL 4 - Ogee Board fascia & bargeboard cut from a section of fascia.

- The box end is usually deeper than the normal fascia run, because of this we offer our 454mm Universal and 404mm Mammoth boards in 1.25m lengths.
- Use corner joints at the front and the back of the box end, and close the back of the box with a section of fascia (if this is deeper than the fascia, use the material supplied for the box end section) this should be slightly deeper than the measured height so that there is no gap between it and the bargeboard soffit.
- Cut the rear corner joint to suit.
- Where the back of the box end exceeds 300mm in height use the double ended 500mm Corner joint.
- Mitre the soffit at 45° and the soffit joint trim (RT20) at both ends.

BOX END DETAIL 5 - Bargeboard extending to meet the fascia.

- The box end is usually deeper than the normal fascia run, because of this, we offer our 454mm Universal and 404mm Mammoth boards in 1.25m lengths.
- Use corner joints at the front and the back of the box end, and close the back of the box with a section of fascia (if this is deeper than the fascia, use the material supplied for the box end section) this should be slightly deeper than the measured height so that there is no gap between it and the bargeboard soffit.
- Cut the rear corner joint to suit.
- Where the back of the box end exceeds 300mm in height use the double ended 500mm Corner joint.
- The soffit is extended into the box end by butt jointing Multi Purpose Board cut to suit.

DECORATIVE BARGEBOARD MOULDINGS

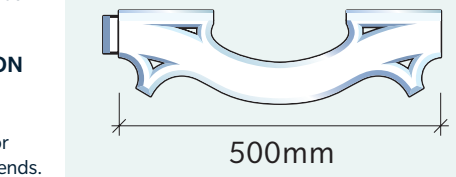
The FloPlast Decorative Bargeboard Moulding offers style and character to most roofline installations. Once installed, it will require very little maintenance or require painting.

A variety of patterns can be achieved at the bargeboard apex, and two suggested examples are shown below. A finial joint is available to add that extra touch of elegance to your home.

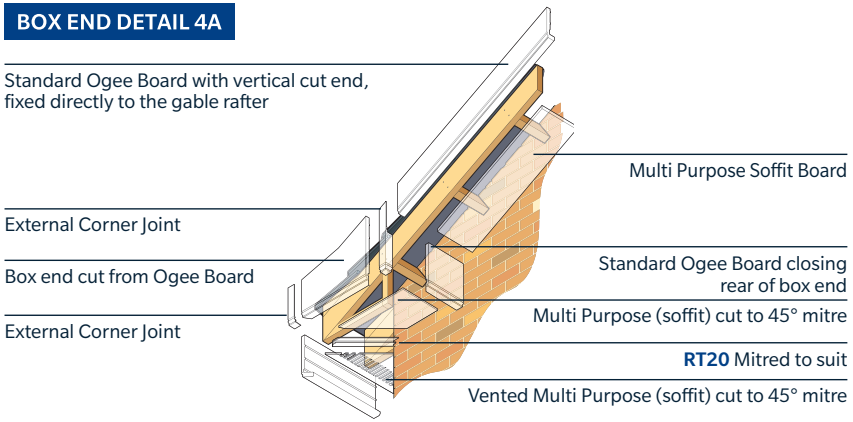
DECORATIVE MOULDING INSTALLATION

Measure the length of your bargeboard and calculate how many mouldings are required at 500mm per moulding, making an allowance for design and plumb cuts at the ridge and barge ends.

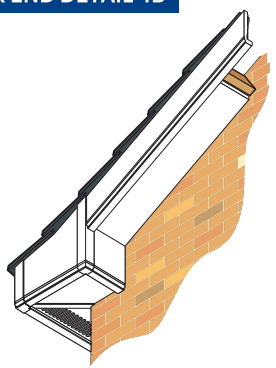
Cut to size and screw using four 15mm x 6 self tapping screws, to the underside of the existing FloPlast PVC-UE bargeboard. Seal the joint between the moulding and bargeboard with either a low modulus silicone, or an appropriate adhesive.



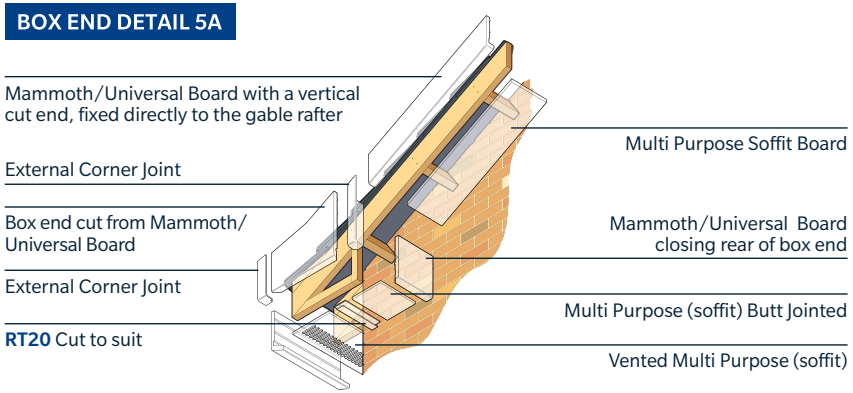
BOX END DETAIL 4A



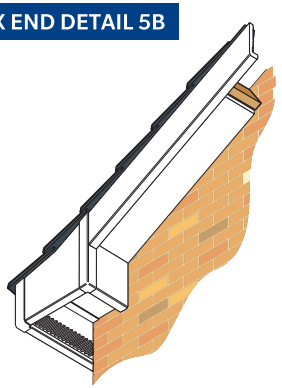
BOX END DETAIL 4B



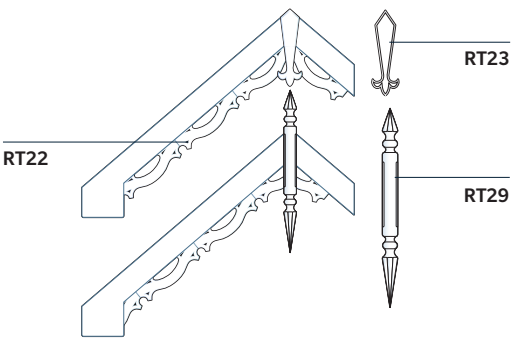
BOX END DETAIL 5A

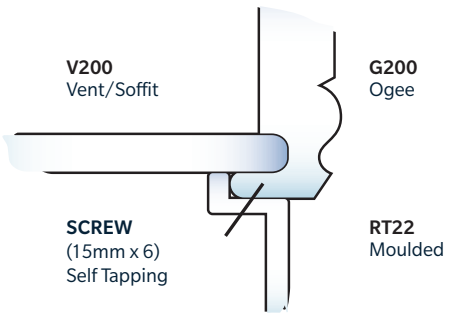


BOX END DETAIL 5B



DECORATIVE BARGEBOARD MOULDINGS DETAILS





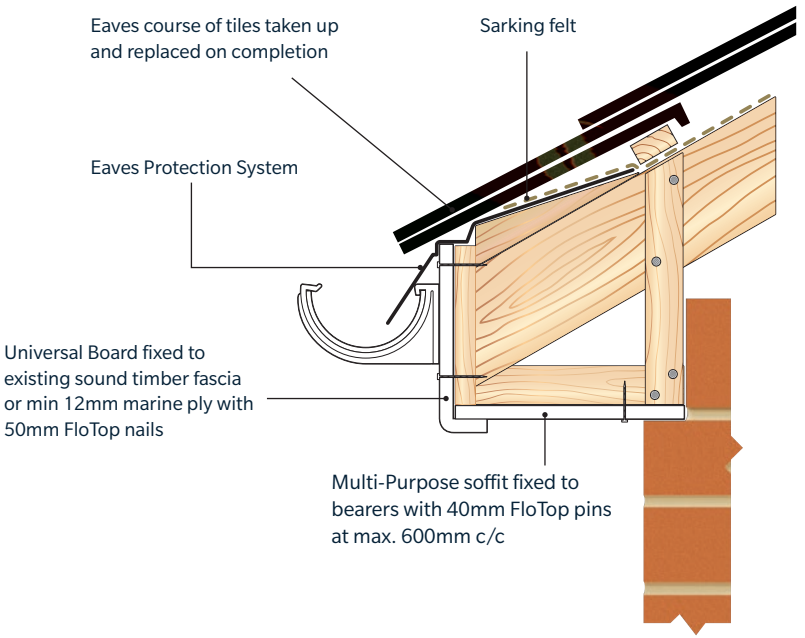
REFURBISHMENT

UNIVERSAL/OGEE BOARD AND MULTI-PURPOSE SOFFIT

The Fascia should have a suitable existing or new backboard. The universal/ogee board should be fixed so that the weight of the eaves course of tiles is distributed across the backboard and/or tilt fillets.

The soffit board should be supported on bearers at the foot of every rafter and be securely supported at each end. A preferred method is to support them by battens nailed or screwed to the rafters as shown in the diagrams. The bearers should be checked for line and level and suitable packing installed where necessary. All timbers should be treated with preservative.

When installing laminated woodgrain products, fixing centres should be reduced to a maximum of 400mm.



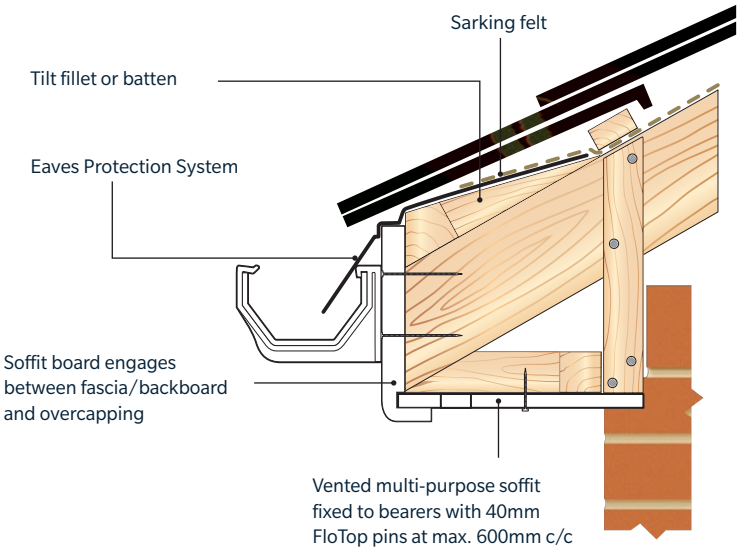
NEW BUILD / REPLACEMENT

MAMMOTH BOARD AND VENTED SOFFIT

When Mammoth Fascia is specified the roof covering should be supported by adequate means at the rafter ends. This can be by means of a tilt fillet, lay board or a shaped batten which extends the full length of the roof line. A lay board is particularly desirable in the case of pitches less than 30° as it will prevent any sagging of the Sarking felt.

Vented soffit boards are available in a range of sizes when roof ventilation via the soffit is specified. The boards fit into the groove of the Mammoth Board and should be fixed to suitable soffit bearers.

When installing laminated woodgrain products, fixing centres should be reduced to a maximum of 400mm.

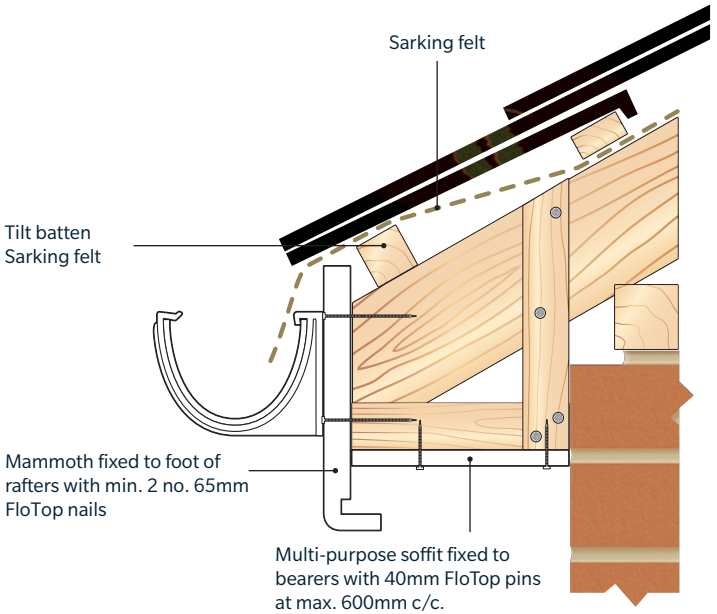


NEW BUILD / REPLACEMENT

MAMMOTH BOARD AND MULTI-PURPOSE SOFFIT

It is not always necessary for the soffit to fit into the groove at the back of the Mammoth board. Diagram (c) shows a deeper Mammoth fascia, which has been chosen for design or appearance criteria, the Multi-Purpose soffit butts against the back of the Mammoth board and is fixed to each soffit bearer with two 40mm FloTop Pins.

When installing laminated woodgrain products, fixing centres should be reduced to a maximum of 400mm.



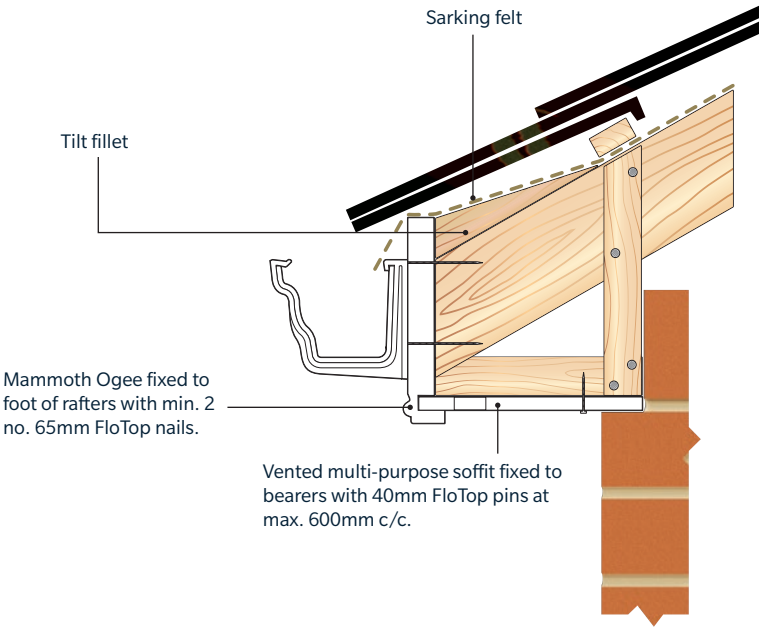
NEW BUILD / REPLACEMENT

MAMMOTH OGEE BOARD AND VENTED SOFFIT

The diagram shows the Ogee style Mammoth Fascia; the appearance of this board makes it particularly favourable for the specifier and homeowner alike when trying to achieve a period appearance.

When used in conjunction with Decorative Bargeboard Mouldings and Niagara® gutter, an otherwise mundane appearance can be transformed into an aesthetically pleasing feature to a property.

When installing laminated woodgrain products, fixing centres should be reduced to a maximum of 400mm.



WHITE CLADDING SYSTEMS

The FloPlast PVC-UE Cladding Systems are suitable for external use on buildings as a decorative and protective facing, fixed vertically, horizontally or diagonally over brick, block, masonry and timber framed walling.

Available in two designs (Shiplap and Open Vee) resembling existing timber profiles. The weathertight joint provided prevents penetration from the elements.

PVC Cladding Systems has been assessed and given an A+ rating, which allows the specifier/housebuilder to claim the code for sustainable homes maximum of three points when using PVC cladding on an external wall system.

20 YEAR GUARANTEE FOR WHITE ROOFLINE

V Joint Cladding

Size	Code
100mm	C100

Shiplap Cladding

Size	Code
150mm	C150

Top Edge Trim

Information	Code
Two Part	CT1

Starter Trim

Information	Code
N/A	CT2

Universal Channel

Information	Code
N/A	CT3

Drip Trim

Information	Code
N/A	CT4

Internal/External Corner

Information	Code
Two Part	CT5

Centre Joint Trim

Information	Code
N/A	CT7

Butt Joint Trim

Size	Code
150mm	CT8

WOODGRAIN CLADDING SYSTEMS

The FloPlast cladding systems are available in Black Ash, Anthracite Grey and Rosewood woodgrain effect finishes to suit different personal preferences and styles.

Available in two designs (Shiplap and Open Vee) resembling existing timber profiles. The weather tight joint provided prevents penetration from the elements.

10 YEAR GUARANTEE FOR WOODGRAIN ROOFLINE

V Joint Cladding

Size	Woodgrain	Code
100mm	WB WA WR	C100

Shiplap Cladding

Size	Woodgrain	Code
150mm	WB WA WR	C150

Top Edge Trim

Information	Woodgrain	Code
Two Part	WB WA WR	CT1

Starter Trim

Information	Woodgrain	Code
N/A	WB WA WR	CT2

Universal Channel

Information	Woodgrain	Code
N/A	WB WA WR	CT3

Drip Trim

Information	Woodgrain	Code
N/A	WB WA WR	CT4

External Corner

Information	Woodgrain	Code
Two Part	WB WA WR	CT5

Internal Corner

Information	Woodgrain	Code
Two Part	WB WA WR	CT6

Centre Joint Trim

Information	Woodgrain	Code
N/A	WB WA WR	CT7

Butt Joint Trim

Information	Woodgrain	Code
150mm	WB WA WR	CT8

CLADDING SYSTEMS

The FloPlast PVC-UE Cladding Systems are suitable for external use on buildings as a decorative and protective facing, fixed vertically, horizontally or diagonally over both brick, block, masonry and timber framed walling.

When installed correctly this will reduce thermal loss by providing an additional external barrier.

Available in two designs (Shiplap and Open Vee) resembling existing timber profiles. The weather tight joint provided prevents penetration from the elements. The systems are completed with a range of trims to suit all applications.

The tough and durable finish has a high impact strength and a weather resistant skin which requires little maintenance to retain its appearance.

CLADDING INSTALLATION

HORIZONTAL FIXING

FloPlast 150mm Shiplap and 100mm V Joint Cladding should be fixed at centres not exceeding 600mm. If installation is to be above second storey height, then this should be reduced to 400mm.

When installing laminated woodgrain products, fixing centres should also be a maximum of 400mm.

Working from a level line, the starter trim (A) is fixed to timber studs or battens using the specified 30mm cladding pins. All other framing trims are then fitted. Where two-part trims are required; top edge trim, or external and internal corners (B), only the back half is fixed at this stage (C&D).

The bottom cladding plank is then located firmly in the starter trim and vertical trims, and fixed into place using the specified 30mm cladding pins, starting at one end, or working from the centre outwards. At the end of each plank a 5mm gap should be allowed for expansion.

Where necessary, trims and planks are cut to size and shape (e.g. along the verge) with a fine toothed saw.

Subsequent planks are fitted into the preceding planks, ensuring that the tongue-and-groove joint is firmly closed and nail heads are concealed.

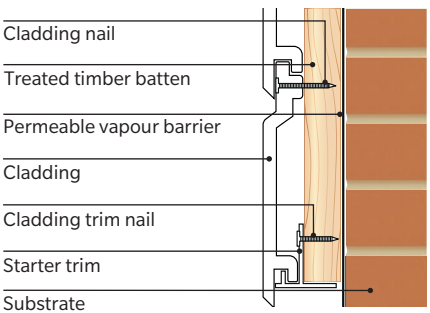
If it becomes necessary to cut the top plank to fit the remaining space, then off cuts of Cladding should be placed behind the cut plank at each fixing centre.

Where sections longer than 5m are to be clad, Butt Joints of adjacent cladding planks should be concealed with an individual butt joint trim or by a centre joint trim fixed to a batten or stud, and a 10mm expansion gap should be allowed between the planks. For aesthetic reasons the positioning of any centre joint trims should be taken into account at the planning stage.

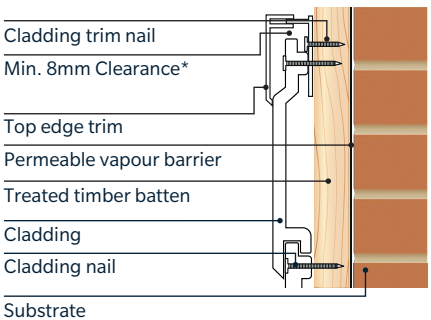
Where two-part trims have been used, fastening the front part of the trim completes the installation.

If individual butt joint trims are used to join two or more cladding planks they should be spaced so that they do not impede the expansion of another butt joint above or below.

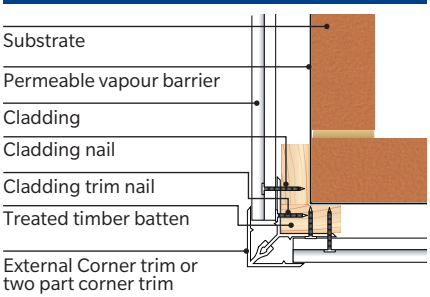
Bottom (Starter) edge detail (A)
Side Section



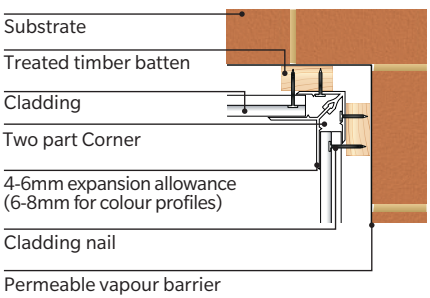
Top edge detail (B)
Side Section



Bottom (Starter) edge detail (A)
Side Section



Top edge detail (B)
Side Section



PVC Cladding Systems has been assessed and given an A+ rating, which allows the specifier/ housebuilder to claim the code for sustainable homes maximum of three points when using PVC cladding on an external wall system.

For more information please refer to our BBA certificate 00/3772.

PERFORMANCE IN RELATION TO FIRE

The system achieved a reaction to fire classification* of D-s3, d2/(AHM) to BS EN 13501-1 : 2018.

The system is not classified as non-combustible and may be used on buildings with no storey 18m or more above the ground and 1m or more from a boundary. With minor exceptions, the system should be included in calculations of unprotected area.

CLADDING INSTALLATION

VENTILATION

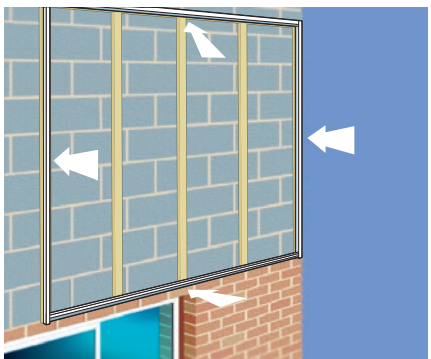
A minimum clear air space of 38mm must be provided behind the cladding, and this can be achieved, by using 50 x 38mm recommended battens. If insulation material is used the gap must be kept clear to allow air to circulate at all times.

WEATHERPROOFING

The FloPlast cladding system is not air or water vapour tight, but will withstand normal weather conditions owing to its interlocking joint. It is advised that when used on timber studding, or walls which are not fully weathertight or subject to exposed conditions, that the system should be backed by a vapour permeable membrane.

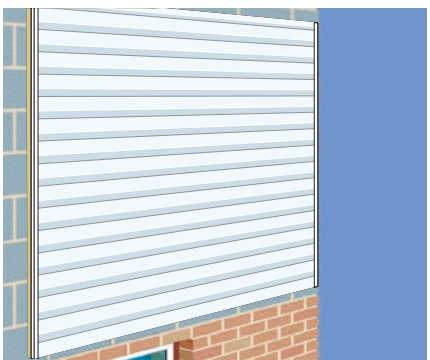
Requirements for drainage must be made to allow for any driving water that has penetrated. To achieve this 10mm holes should be positioned every metre in the horizontal lower batten.

1. Fix perimeter frame and intermediate vertical battens to wall.



2. Fix all perimeter trims.

3. Fit first plank at base.



4. Fit remaining planks and engage male part of two-part trims.

5. Ideal joint design when using individual butt joints.

SOFFIT VENTILATION AND EAVES PROTECTION

FloPlast offer a range of ventilation options which comply with the current Building Regulations 1991 (England and Wales) requirement F2, the Building Regulations (Northern Ireland) 1990 and NHBC recommendations.

The regulations are designed to limit condensation risks in a roof void constructed above an insulated ceiling.

Available in 1.5 metre lengths, Eaves Protection System can be used for refurbishment projects to replace rotted gutter felt, and in new build applications, it reduces long term eaves maintenance problems by directing water away from the underlay into the gutter. It also supports the underlay which prevents 'ponding' behind the fascia board. Adjoining strips should be overlapped by 150mm and fixed at 200mm centres.

Soffit Ventilator

Size	Code
N/A	RT24

Disc Soffit Ventilator

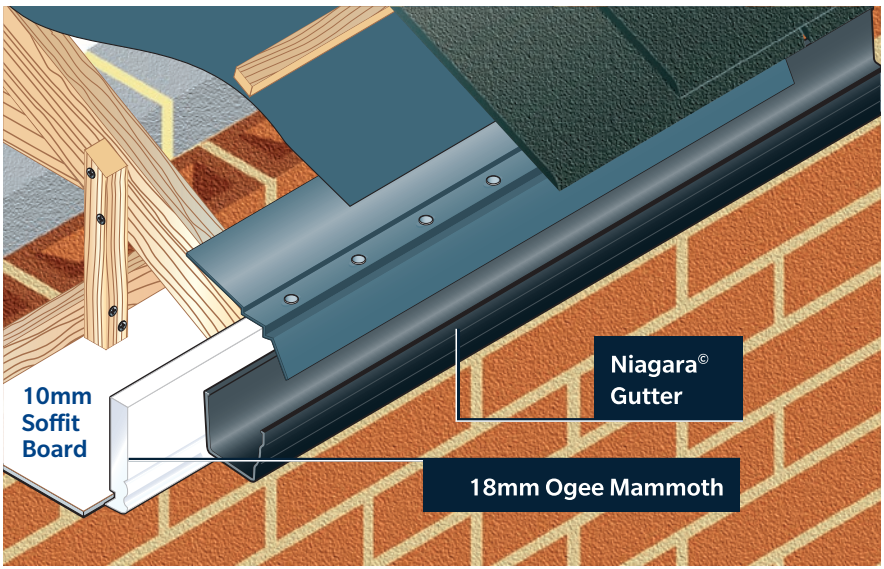
Size	Code
75mm Diameter	RT25

Soffit Ventilator with Mesh

Information	Code
N/A	RT27

Eaves Protection System

Information	Code
1.5m	EPS



Pre-vented Soffit boards are also available with the equivalent of 10mm and 25mm continuous air gap. The disc and soffit ventilator strips add variety and flexibility for the specifier and installer ensuring building regulations are met in all situations.

TECHNICAL SPECIFICATION

COMPOSITION

FloPlast Cellular PVC Profiles are manufactured by a co-extrusion process in which a high impact PVC-U (unplasticised expanded polyvinyl chloride) compound is co-extruded onto the outer surface of a foamed PVC-UE Cellular Core, cooled and formed to section, then cut to length and width as required.

MAINTENANCE

Cellular PVC components have a consistent self-finish and colour and are low maintenance. To restore to an 'as new' surface appearance, occasional washing with a non-scratch mild detergent and water will remove surface grime particularly in polluted atmosphere. Do not use solvents or abrasive cleaners.

Painting is not recommended as it can effect the impact strength of the product and the application of dark colours could lead to thermal distortion. However should painting be required for design or style considerations, use a good quality satin polyurethane paint.

DURABILITY

The tough co-extruded outer skin provides excellent all year round weathering. Some natural shading over a number of years will occur due to the natural weathering process. Any slight colour change or surface dulling which might occur will be uniform over the visible exposed surfaces of the products and will remain an effective system for a period in excess of 35 years.

SITE WORK/FIXING

FloPlast products undergo rigorous quality control checks in the factory, during and after manufacture. Should there be any defect for whatever reason, it should be reported to FloPlast immediately to enable us to carry out an inspection.

The protective film on the co-extrusion should be removed just prior to fitting. Should a defect become apparent at this stage the product should not be fitted.

FloPlast Cellular Boards are easily cut, routed and drilled using conventional woodworking tools. Stainless steel pins/nails should be used for fixing.

Saws with fine-toothed blades should be used and power tools should be operated at the same or higher speeds to those normally used for timberwork, with carbide tipped blades. Ensure that a face mask and eye protectors are worn. Take additional care with the product close to or below freezing point, as low temperatures tend to make the product brittle. The product should not be fixed in temperatures above 25°C, or exposed to direct sunlight prior to fixing which may cause thermal distortion.

Correct fixings and fixing procedures should always be followed and the product secured to a sound substructure. A 10mm gap must be provided for thermal expansion at joints and plank ends.

Behaviour in relation to fire:

- **Boards**
  The cellular boards achieve a E/Efl classification when tested in accordance with EN 13501-1: 2018.
- **Hollow Soffit**
  The hollow soffits achieve a E/Efl classification when tested in accordance with EN 13501-1: 2018.
- **Foiled Products**
  The Renolit foil applied to FloPlast's cladding, boards or hollow soffit systems has been tested and achieved the following fire rating:
  When tested in accordance with DIN4012-B2 and DIN EN ISO13501-1, the requirements according to RAL-GZ716/1 Section I Part 7 are fully met.

GENERAL

On exposure to fire, PVC-U tends to char and may fall away. The spread of flame along its surface is limited. It is unlikely that the roof trim system will significantly affect the overall fire performance of any roof in which it is installed.

Where it is normal practice to carry the eaves box over, between dwellings, it is important that the box is fire-stopped at compartment walls with a proprietary fire stop material.

PVC-UE Fascia soffit and cladding should not be installed on applications above 18m in height.

MODEL SPECIFICATION

Fascias, Soffit's and Bargeboards are to be constructed using FloPlast Cellular and Rigid PVC Roof Trim System Profiles manufactured in accordance with BS7619 - Cellular PVC-UE, approved by the British Board of Agrément 00/3771 and within the requirements of BS EN ISO 9001.

Boards are white or have a woodgrain effect laminated finish and fixing should be in accordance with normally accepted practice.

Boards are to be fixed using plastic-headed stainless steel nails of an appropriate length, and secured to rafter feet, noggins and gable ladders.

Old Fascias, Soffit's and Bargeboards should preferably be removed, existing timber rafters and supports are to be inspected, and any rotten timber replaced with new treated softwood.

The Sarking felt should be examined, and replaced if any signs of damage or wear are found.

FIXING DETAILS

Fascia (I) - Universal/Ogee Board are to be constructed from Universal/Ogee Board with a nominal thickness of 10mm, secured at 600m centres, to treated battens or a backing board, with 50mm plastic-headed nails, with a minimum of 2 fixings per centre. 400mm centres for laminated woodgrain.

Joints to be supported and made at rafter feet, with both ends fixed, leaving a 10mm air gap and be covered with a joint trim, secured in position with Silicone Sealant, a proprietary adhesive or pins.

Gutter brackets are fixed through the Fascia into supporting timberwork, normally the rafter feet or backing board, with 40mm x 10 stainless steel screws.

Fascia (II) - Mammoth/Ogee Mammoth Board are to be constructed from Mammoth/Ogee Mammoth Board with a nominal thickness of 18mm, secured at 600mm centres to rafter feet with 65mm plastic-headed nails, 400mm centres for laminated woodgrain with a minimum of 2 fixings per rafter.

Joints to be supported and made at rafter feet, with both ends fixed, leaving a 10mm expansion gap and be covered with a joint trim, secured in position with Silicone sealant, a proprietary adhesive or nails.

Gutter brackets are fixed through the Fascia, with 40mm x 10 stainless steel screws.

Bargeboards (I) - Universal/Ogee Board are to be constructed from Universal/Ogee Board with a nominal thickness of 10mm, secured at 600mm centres to noggins and gable ladders with 50mm plastic-headed nails, with a minimum of 2 fixings per centre. 400mm centres for laminated woodgrain.

Joints are to be supported and secured as per Fascia Boards detail.

The ridge is to be joined using an appropriate trim with boards cut to the required angle.

Bargeboards (II) - Mammoth/Ogee Mammoth Board are to be constructed from Mammoth/Ogee Mammoth Board with a nominal thickness of 18mm, secured at 600mm centres to noggins and gable ladders, with 65mm plastic-headed nails, with a minimum of 2 fixings per centre. 400mm centres for laminated woodgrain.

Joints are to be supported and secured as per Fascia boards detail.

The ridge is to be joined using an appropriate trim with boards cut to the required angle.

Soffits - Multi-Purpose Board/Hollow Soffit/ Cladding Soffit are to be constructed from PVC-UE Multi-Purpose Board, Rigid PVC-U Hollow Soffit or Cladded Soffit, and secured at 600mm centres to timber eave hangers, noggins or underside of rafters with 40mm plastic-headed nails, with a minimum of 2 fixings per centre, and 30mm stainless steel nails for Cladded profiles. 400mm centres for laminated woodgrain.

Soffit corner returns are made by cutting the boards to the appropriate angle and joining with an 'H' Trim. Soffit widths are not to exceed 200mm unsupported.

Extra widths are to be joined using a Longitudinal Coupling Trim, leaving a 5mm gap at each end for thermal expansion. Soffits are to be positioned on the cover board lip or secured within the Fascia groove of Mammoth Board, butt jointed with a 5mm gap at each end for expansion and secured by trim.

GENERAL INFORMATION

TRANSPORT, HANDLING AND STORAGE

FloPlast products are wrapped in polythene sleeving in specified pack quantities to guard against damage during transportation and storage. Care should be taken in their handling and they should be stored in stacks not exceeding one metre in height.

It is important that products are stored flat and fully supported on a firm base at temperatures below 30° C. Screen from direct sunlight to avoid rapid build-up of temperatures inside polythene sleeves.

The co-extruded surfaces are protected by a polythene film which should be removed just prior to installation.

QUALITY CONTROL

FloPlast Cellular and rigid boards are manufactured within a quality management system which has been assessed by BSI and complies with the requirements of BS EN ISO 9001:2015 (Certificate no. FM501414).

Continuous quality control procedures are in place during and after manufacture to check appearance, dimensions, weight per metre, heat reversion, heat ageing and impact strength.

TERMS AND CONDITIONS OF SALE

Goods are sold subject to our Standard Terms and Conditions of Sale, which are available upon request. FloPlast Limited reserves the right to modify or extend any product range or published information without prior notice.

SUMMARY

- Boards to be fixed only at temperatures above 5°C and below 25°C.
- Fixings at a maximum of 600mm (400mm for cladding above two storey height, and laminated woodgrain products).
- Secure boards to sound timber only replacing any rotten timber with new treated softwood.
- Use adequate length of nails/pins.
- A 5mm gap to be allowed for thermal movement at joints and at box ends.

FloPlast Fascia Systems are not load bearing

- Eaves tiles should be adequately supported.
- Provide ventilation to roof space in accordance with current Building Regulations.
- Use eye protection when using power tools to cut or drill boards.
- Leave a clear air space of 38mm behind the Cladding.
- Ensure battens for Cladding are secured to a firm substrate.
- Remove all offcuts and dispose of environmentally.

FloPlast

wienerberger

Roofline, Window and Cladding Systems

Rainwater Systems

Soil & Waste Systems

Underground Drainage Systems

MDPE Systems

Hot & Cold Plumbing Systems

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