

OVER FASCIA VENTILATION & EAVES PROTECTION SYSTEM

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.

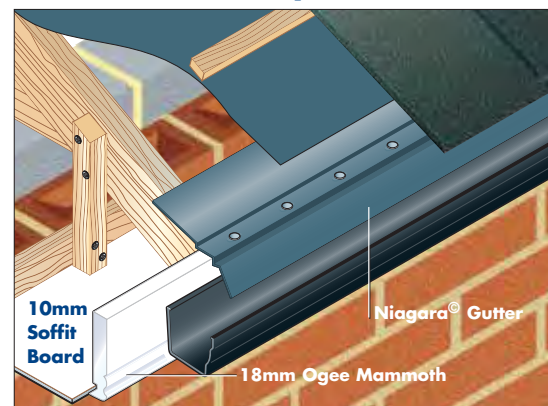
Adjoining strips should be overlapped by 150mm and fixed at 200mm centres.

Over Fascia Vent Strip

Available with the equivalent of 10mm and 25mm continuous air gap to suit current regulations.

The 10mm is supplied in 5 metre packs, each section measuring 28mm H x 35mm D x 500mm L interlinks and has fixing points for ease of installation.

Over Fascia Ventilation and Eaves Protection System



The 25mm is supplied in 1 metre sections with 5 metres to a pack measuring 38mm H x 48mm D x 1000mm L.

Because of the added height, when using over fascia ventilation, an allowance to reduce the size of the fascia board should be considered.

| Pitched Roof | Allowance | |
|--------------|-----------|------|
| | 10mm | 25mm |
| 15° - 50° | 10mm | 25mm |
| 51° - 55° | 20mm | 35mm |
| 56° - 60° | 30mm | 45mm |
| 61° - 65° | 35mm | 50mm |
| 66° - 70° | 40mm | 55mm |

Over fascia vent strip has an integral inhibitor to exclude large insects and vermin from the roof void.

65mm x 3.35mm diameter galvanised steel nails, fixed at 200mm centres should be used to fix the **Over Fascia Ventilation System**.

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

| | | | | |
|--------------------------------------|-----------|--------------------------------|------------------|-----------------|
| Soffit Ventilator | CODE RT24 | Disk Soffit Hole Cutter | CODE RT28 | SIZE (mm) 76 |
| Disc Soffit Ventilator | CODE RT25 | Over Fascia Ventilation | CODE OFV10 OFV25 | SIZE (mm) 10 25 |
| Double Disk Soffit Ventilator | CODE RT26 | Eaves Protection System | CODE EPS | SIZE (mm) 1500 |
| Soffit Ventilator with Mesh | CODE RT27 | | | |

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 excellent appearance.



CLADDING SYSTEMS



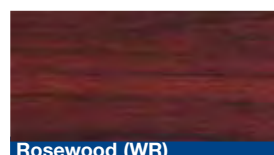
Mahogany (WM)



Golden Oak (WG)



Black Ash (WB)

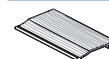


Rosewood (WR)

When ordering please add colour reference to code required, eg. C150 WM

Woodgrain PVC-UE Cladding System

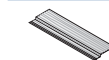
150mm Shiplap Cladding

CODE
C150

Drip Trim

CODE
CT4

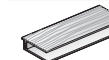
100mm V Joint Cladding

CODE
C100

External Corner Foiled

CODE
CT5

Top Edge Trim

CODE
CT1

Internal Corner Foiled

CODE
CT6

Starter Trim

CODE
CT2

Centre Joint Trim

CODE
CT7

Universal Channel

CODE
CT3

150mm Butt Joint Trim

CODE
CT8

Fixings: A4 Stainless Steel Cladding Pins

Clad Pins (Marine Grade)



| CODE | SIZE (mm) |
|------|-----------|
| CP30 | 30 |
| CP50 | 50 |

All Boards and Trims are manufactured in 5 metre lengths.



White Cladding System

150mm Shiplap Cladding

CODE
C150

Drip Trim

CODE
CT4

100mm V Joint Cladding

CODE
C100

Internal/External Corner

CODE
CT5

Top Edge Trim

CODE
CT1

Centre Joint Trim

CODE
CT7

Starter Trim

CODE
CT2

150mm Butt Joint Trim

CODE
CT8

Universal Channel

CODE
CT3

Fixings: A4 Stainless Steel Cladding Pins

Clad Pins (Marine Grade)



| CODE | SIZE (mm) |
|------|-----------|
| CP30 | 30 |
| CP50 | 50 |

All Boards and Trims are manufactured in 5 metre lengths.



INSTALLATION DETAILS

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 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 (external and internal corners, or top edge trim), only the back half is fixed at this stage.

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.

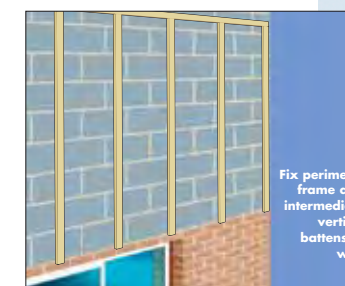
Where two-part trims have been used, fastening the front part of the Trim completes the installation.

Ventilation

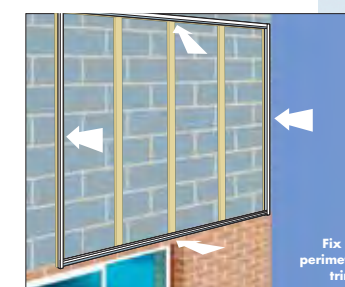
A minimum clear air space of 25mm must be provided behind the cladding, and this can be achieved, by using 25 x 38mm recommended battens. If insulation material is used the gap must be kept clear to allow air to circulate at all times.

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 complying with BS4016 : 1997. 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.



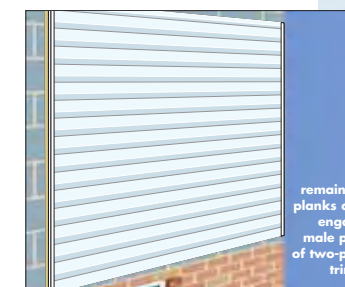
Fix perimeter frame and intermediate vertical battens to wall



Fix all perimeter trims



Fit first plank at base



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

