



## Roofing Products

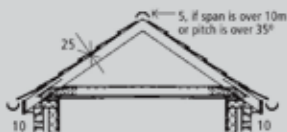


➤ **Vents, terminals,  
adaptors & accessories**

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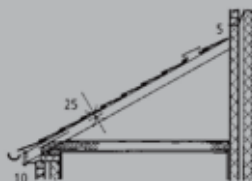
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## Cold Roof Void



Pitched Roof over 15°

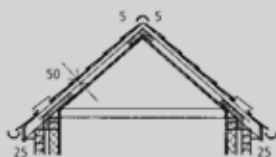
## Cold Roof Void



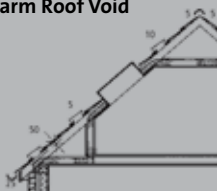
Mono Pitched Roof over 15°

## Warm Roof Void

(non convection tight)



## Warm Roof Void



Roof window or other obstruction in a fully inclined ceiling

# ➤ Ventilation Regulations

## Pitched Roofs

Building Regulation C2, Roofs (Resistance to damage from interstitial condensation) 6.10 - A roof will meet the requirement if it is designed and constructed in accordance with clause 8.4 of BS5250 and BS EN ISO 13788.

These and other situations are shown in the diagrams opposite. Tiled or slated pitched roof slopes of 15° and above should be provided with ventilation openings equivalent to the following continuous openings:

## Cold Roof

**Low level** ventilation to two opposite sides - 10mm

**High level** ventilation to two opposite sides for pitches over 35° and spans over 10m - 5mm

## Warm Roof (non-convection tight)

**Low level** ventilation to two opposite sides - 25mm

**High level** ventilation to two opposite sides - 5mm

## Lean-to & Mono-pitched roofs

**Low level** ventilation cold roof - 10mm

**Non-convection** tight warm roof - 25mm

**High level** ventilation - 5mm

For roofs incorporating type LR underlays please refer to BS5250.

## Slope vents

Guide to positioning of slope vents

Code	Free Vent Area mm <sup>2</sup>	Spacing of vents (m) equivalent to continuous opening		
		5mm	10mm	25mm
UB19	22,000	4.400	2.200	0.880
UB8	6,250	1.250	0.625	0.250
UB11	10,750	2.150	1.075	0.430
UB16	20,000	4.000	2.000	0.800
UB17	10,000	2.000	1.000	0.400
UB62	15,000	3.000	1.5000	0.600

## ➤ UB19 Ubivent Tile/Slate Vent



### Design & Performance

The UB19 is a streamlined hood suitable for most roof finishes and has a free vent area of 22,000mm<sup>2</sup>.

For the UB19 to be converted into a terminal for soil & vent, mechanical & natural ventilation. See page 21.

### Material

PVC-u and polyethylene.

### Colour

Standard colours: terracotta, red, sepia, anthracite.

Profile	Red	Terracotta	Anthracite	Sepia
Modern (MD/MDA)	•		•	•
Mendip (MEN)	•		•	•
Ludlow Major (MLM)	•	•	•	•
Ludlow Plus (GSA)	•		•	•
Double Roman (FRA)	•	•	•	•
Wessex (WS)			•	•
49's (GSA)	•		•	•
Stonewold (SWA)			•	•
Regent (NER)			•	•
Renown (RS)			•	•
Mini Stonewold (MST)			•	
Caledonian (CD)			•	•
Delta (DS)			•	•
Slate 500x250 (NJ)			•	
Slate 600X300 (NS)			•	
Slate 600x450 (NL)			•	
Plain Tile 500x640 (PTU)	•		•	•

## ➤ UB8 Plain Tile Vent



### Design & Performance

The UB8 is an in-line roof ventilating tile for use in small plain non-interlocking tiles. Designed specially to merge into the surface of plain tiles without disturbing the roofline, each UB8 has a free vent area of 6,250mm<sup>2</sup>.

The design features a slotted insect inhibitor to keep out large insects and vermin.

UB8 plain tile vents are suitable for both high and low level ventilation and can be installed without batten or tile trimming.

Matching units are also available for the termination of building services by adding a UB8 connector (294304) (soil & vent, mechanical and natural ventilation) – See UB37 Plain Tile Terminal on page 19.

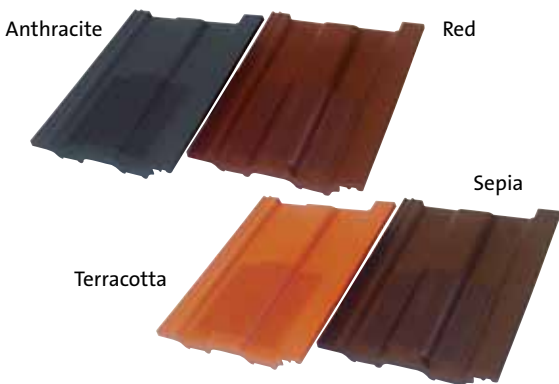
### Material

PVC-u

### Colour

Standard colours: terracotta, red, sepia, anthracite

## > UB62 In-line Tile Vent



### Design & Performance

The UB62 In-line vent offers high performance whilst retaining the aesthetics of the roof design. It is designed to provide ventilation of the roof space, either at high or low levels.

UB62s are suitable for all pitches above 25° and may be used to supplement or replace other ventilation such as dry ridge, abutment or eaves systems. They are also suitable for ventilation of compartmental roof spaces, such as fire walls.

With the use of a stepped adaptor, the UB62 can also be used for mechanical extraction or with soil pipes for removal of foul air.

The UB62 provides 15,000mm<sup>2</sup> of free vent area, and has a large insect and vermin grille.

### Material

Polypropylene

### Colour

Standard colours: terracotta, red, sepia, anthracite

Profile	Red	Terracotta	Anthracite	Sepia
Modern (MD/MDA)	•	•	•	•
Ludlow Major (MLM)	•	•	•	•
Double Roman (FRA)	•	•	•	•
Mendip (MEN)	•	•	•	•

## ➤ UB16 Universal Tile Vent



### Design & Performance

The UB16 is a universal roof vent for use in most tiled and slated pitched roofs without the need to identify the make or design of the tiles or slates.

The unit comprises a streamlined hood on a circular upstand with a 500mm x 500mm Ubiflex flashing skirt. The upstand protrudes below the Ubiflex skirt to form a 160mm diameter penetration sleeve. The free vent area of the UB16 is 20,000mm<sup>2</sup> and it has an integral mesh to stop the ingress of large insects and vermin.

If a matching terminal is required the UB41 should be used – See page 17.

### Material

Ubiflex skirt around PVC-u upstand with streamlined box hood

### Colour

Hood: terracotta, sepia, anthracite, red

Terracotta hood = Terracotta Ubiflex

Sepia & Anthracite hood = Black Ubiflex

Red hood = Terracotta Ubiflex

## ➤ UB11 Vepac Roof Ventilating Slate



### **Design & Performance**

The UB11 Vepac vent is an in-line unit with a multi-purpose base which will provide inconspicuous ventilation in natural and manmade slate roofs (suitable for 600mm x 300mm and 500mm x 250mm). Ubbink now also offer a larger unit which is only suitable for 600mm x 300mm slates.

UB11s are suitable for high or low level ventilation in roofs of 25° and over. Each vent has a slotted inhibitor to keep out large insects and vermin and provides a free vent area of 10,750mm<sup>2</sup>.

This vent can be adapted for use as a service terminal with a vepac connector and lower pipe (100140294605) – See UB39 on page 20.

### **Material**

UV stabilised high impact polystyrene

### **Colour**

Anthracite



## ➤ UB17 Slate Space Vent



### Design & Performance

The UB17 Slate Space Vent is a roof void ventilator for use in slates.

The base as supplied is a direct replacement for a 600 x 300mm slate. When the 25mm side bands are trimmed off and the inner set of fixing points are used, the unit is then a direct replacement for a 500 x 250mm slate.

The UB17 is suitable for both high and low level ventilation and has a free vent area of 10,000mm<sup>2</sup>.

The vent can be adapted for use as a service terminal with a UB17 adaptor (100140294390). See page 22.

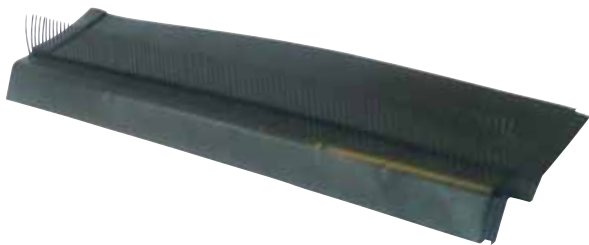
### Material

Polyethylene

### Colour

Black

## ➤ OFVS Over Fascia Ventilating System



### Design & Performance

The Ubbink Over Fascia Ventilating System is a one-piece interlocking system fitted to the top of the fascia which provides:

- Eaves level continuous ventilation
- Semi-rigid hinged underlay support flap
- Large insect and vermin inhibitor
- Discharge of water from underlay to gutter
- Under tile bird excluder (OFVS10 only)

There are two types of OFVS strip available which are suitable for use in roof pitches 15° - 70° although below 23° additional support may be needed for the support flap to prevent ponding.

OFVS10 & OFVS/10L provide 900mm length x 10mm continuous ventilation.

The interlocked strips are nailed to the top of the fascia and nail fixings should be calculated in accordance with BS5534.

The fixing points are designed to eliminate any water leakage as are the interlocks between strips.

It should be noted that some cellular PVC-u fascia boards cannot take vertical fixings. In such cases the system may be fixed through its underlay support into a batten fixed to the rafters behind the fascia board. However, space must be left between the back of the fascia board and the fixing batten to allow air to pass into the roof void.

In full boarded roofs, a section of boarding immediately behind the fascia should be removed to allow air to pass into the roof void.

## > OFVS Over Fascia System (cont'd)

At hips and valleys, the system should be sawn to form tight fitting mitred joints. To prevent possible leakage at valleys, a flashing of underlay material should be positioned under the joint to discharge into the gutter.

In a parapet/valley gutter situation in the absence of a fascia, it may be possible to introduce a timber fillet on which the system can be fixed.

When installing OFVS, due allowance must be made for the height of the system. The following figures can be used as guidelines:

Pitch of Roof Allowance	OFVS10 & OFVS10L
15-50°	20mm
51-55°	25mm
56-60°	30mm
61-65°	35mm
66-70°	40mm

### Material

Polypropylene

### Colour

Black

## ➤ DOS10/25 Fascia Vent



### Design & Performance

DOS10/25 is an over fascia ventilation strip. It is designed with a radiused leading edge to protect the felt and has an integral large insect and vermin inhibitor.

DOS10 is 28mm high x 35mm deep x 1.0m or 500mm long. The strips lock together and provide 10,000mm<sup>2</sup> per metre of continuous ventilation.

DOS25 is 32mm high x 35mm deep x 1.0m or 500 mm long. The strips lock together and provide 25,000mm<sup>2</sup> per metre of continuous ventilation.

### Material

Polypropylene

### Colour

Black

## ➤ Eaves Guard



### Design & Performance

The Ubbink Eaves Protection System is designed for use in both refurbishment projects and new build to provide an effective level of eaves protection.

The 1.5m rigid pre-formed strips are suitable for use in roof pitches of 15° to 70°. On existing buildings, Eaves Guard can be used to replace rotted gutter felt with the minimum of disruption to the existing slate or tile roof covering.

In new build situations, the preformed Eaves Guard strip directs water away from the underlay and into the gutter. At the same time it provides an effective underlay support flap, preventing ponding of the underlay behind the fascia board. Eaves Guard is ideal for use with the new generation of lightweight, high performance underlays, which are not suitable for forming a drip into the gutter.

Eaves Guard is fixed to the top of the fascia with clout nails. If a plastic fascia is used which will not support clout nails, Eaves Guard may be fixed to a batten behind the fascia.

### Material

PVC-u

### Colour

Black

## ➤ BCF55 Bird Comb Filler



### **Design & Performance**

The Ubbink Bird Comb Filler prevents the ingress of birds between the underside of profiled tiles and the underlay on pitched roofs.

Manufactured in 1.0m strips, it is predrilled ready to fix to the top of the fascia and the teeth of the comb prevent birds from entering and nesting in the spaces under tile profiles.

### **Material**

Rigid polypropylene

### **Colour**

Black

## ➤ Sim-Fix® Slate Strap



### **Design & Performance**

Quick and easy to use, the Sim-Fix® is designed to re-fix all sizes of slates which have slipped from their original position. As well as securing against slippage it also secures against wind uplift. With its unique ratcheted retaining clip Sim-Fix® can be used with all common slates. It is manufactured to blend in with the roof once fixed into position.

### **Material**

Made from durable weather and pollution resistant nylon.

### **Colour**

Black

## ➤ RB100 Roll Out Rafter Tray



### **Design & Performance**

RB100 Roll Out Insulation Tray provides a minimum 25mm clear airway between the ceiling insulation and the roof underlay and is suitable for use in cold roofs. It is used in conjunction with eaves ventilation products.

Each Roll is 6m long and available in 400mm and 600mm widths.

### **Material**

PVC-u

### **Colour**

Black



## ➤ Dry Verge Systems



### Design & Performance

There are 2 dry verge systems available, one to suit profiled tiles and the other to suit slated roofs. The dry verge is a durable and weatherproof verge system. Right and left hand units are available for the tiled verge system and ridge end caps to suit segmental or angled ridge tiles.

The interlocking stepped verge is 450mm long and fully adjustable to suit most tile gauges.

The slate dry verge strip is 2m long.

### Material

Tile dry verge: Polypropylene

Slate dry verge: PVC-U and ABS

### Colour

Tile dry verge: Grey and brown

Slate dry verge: Grey



## ➤ UB34/35 Multivent Terminal



### Design & Performance

Specially designed for systems requiring a low resistance terminal, the Multivent Service Terminals are suitable for mechanical and natural (passive) ventilation installations. The pipework above the roofline is twin walled and incorporates an integral condensation drain. Two models are available, the UB34 with an internal diameter of 125mm and the UB35 with an internal diameter of 160mm and suitable for tiled and slated pitched roofs.

The unit is suitable for roof pitches of 25° to 45° and comes complete with flashing – a universal base for both tiles and slates (160mm dia). Special lower and higher pitch versions are available to order.

The free vent areas of the units are:

125mm dia = 12,250mm<sup>2</sup>

160mm dia = 20,000mm<sup>2</sup>

The pressure airflow resistance of both units is <1.0 Pascal at 225m<sup>3</sup>/h.

### Material

Stack and cowl: polyethylene

Tiled & slate flashing: polyethylene & Ubiflex non-lead flashing

### Colour

Black

## ➤ UB41 Universal Service Terminal



### Design & Performance

The UB41 is a Universal Service Terminal for use in most tiled and slated pitched roofs without the need to identify the make or design of the tiles or slates. The unit comprises a streamlined box hood on a circular upstand, a 500 x 500mm Ubiflex flashing skirt and stepped adaptor which allows connections from 100mm to 160mm diameter ducting. The unit may also be used to terminate soil & vent pipes where an external pressure test is not required. The free vent areas and pressure/airflow resistance readings for the UB41 are as follows:

Diameter (mm)	Free Vent Area (mm <sup>2</sup> )	Pressure/Airflow resistance (Pascals)	
		100m <sup>3</sup> /h	225m <sup>3</sup> /h
100	7,850	3.0	7.5
110	8,850	4.5	16.0
125	12,250	5.3	24.0
150	17,775	6.5	31.0
160	18,750	6.5	31.0

The unit is easy to install – the adaptor is cut off at the required diameter and attached to the undertile spigot with solvent weld/PVC glue. The Ubiflex flashing allows fitting into most tiles/slates.

### Material

Ubiflex skirt around PVC-u upstand with streamlined box hood together with a stepped adaptor

### Colour

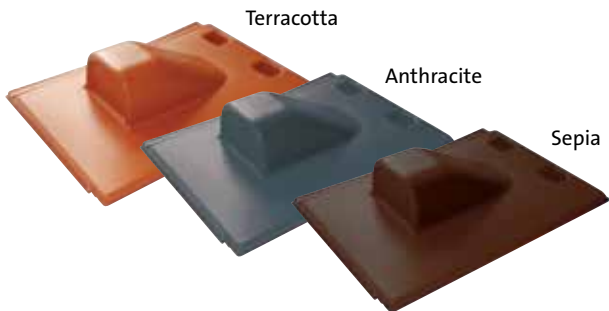
Hood: terracotta, sepia, anthracite, red

Terracotta hood = Terracotta Ubiflex

Sepia & Anthracite hood = Black Ubiflex

Red hood = Terracotta Ubiflex

## ➤ UB30 WEP Water Expansion Pipe Outlet



### Design & Performance

The Ubbink UB30 WEP is a pre-shaped flashing unit designed to provide a practical and aesthetically pleasing method for penetrating a pitched roof covering with horizontal pipework or cabling. The WEP system eliminates the need for installing lead flashings around pipe exit points, as well as the need to cut any of the surrounding tiles or slates.

The UB30 is available with grommets to accommodate diameters from aerial cables to 18mm pipes and are suitable for most domestic cistern overflow and warning pipes.

### Material

Polyethylene

### Colour

Standard colours: terracotta, anthracite, sepia

## ➤ UB37 Plain Tile Terminal



### **Design & Performance**

The Ubbink Plain Tile Terminal is an in-line pitched roof terminal for use in small plain non-Interlocking tiles. It is suitable for terminating 110mm diameter mechanical extract systems and soil & vent systems where an external pressure test is not required.

For aesthetic purposes, the UB37 terminal matches the UB8 roof ventilating tile (please see page 5 for UB8).

The UB37 has a free vent area of 6,250mm<sup>2</sup> and a pressure/airflow resistance reading of 43.5 Pascals (reading taken at 100m<sup>3</sup>/h).

### **Material**

Unit: PVC-u

Adaptor: Styrosun® 3600 UV Resistant High Impact Polystyrene

### **Colour**

Terracotta, red, sepia and anthracite

## ➤ UB39 Vepac Terminal



### **Design & Performance**

The Ubbink Vepac Terminal is an in-line service terminal for use in slated roofs in pitches of 25° and over.

The UB39 is suitable for terminating 110mm diameter mechanical extract systems and soil & vent systems where an external pressure test is not required.

For aesthetic purposes, the UB39 terminal matches the UB11 roof ventilating slate (please see page 8).

The UB39 has a free vent area of 7,800mm<sup>2</sup> and a pressure/airflow resistance reading of 19.0 Pascals (reading taken at 100m<sup>3</sup>/h).

### **Material**

Slate vent and adaptor: UV stabilised high impact polystyrene  
Pipe: polyethylene

### **Colour**

Anthracite

## ➤ Adaptors, connectors & pipes



### Felt sleeve & adaptor for UB19

These adaptors allow the on-site conversion of UB19 Tile/Slate vents to service terminals.

The felt sleeve click-fits in place into the underside of the UB19. The stepped adaptor is cut off at the required diameter and then pushed onto the sleeve. The joint between the felt sleeve and adaptor should be sealed with PVC solvent weld.

Code	Dia mm	Free Vent Area mm <sup>2</sup>	Pressure Airflow Resistance	
			Pascals 100m <sup>3</sup> /h	Pascals 200m <sup>3</sup> /h
UB19	110	8,850	3.2	12.8
with felt sleeve and adaptor	125	12,250	4.5	18.0
	150	17,775	5.8	23.0
	160	18,750	6.0	24.2

### Material

Styrosun® 3600 UV Resistant High Impact Polystyrene

## ➤ Adaptors, connectors & pipes (cont'd)



### **110mm to 100mm Reducer**

The 110/100mm PVC-u reducer is for use with 110mm diameter terminals when a 100mm ducting connection is required.



### **Adaptor for UB17**

Adaptor to convert a UB17 Space Slate Vent into a service terminal with a 110mm diameter spigot.

#### **Material**

Polypropylene



### **Vepac Connector and Lower Pipe for UB11**

Vepac and lower pipe connector converts the UB11 vent to the UB39 terminal with a spigot diameter of 110mm.

#### **Material**

Polypropylene



## ➤ Adaptors, connectors & pipes (cont'd)



### Connector for UB8

UB8 connector converts the vent into a UB37 terminal with a 110mm diameter spigot.

#### Material

Styrosun® 3600 UV Resistant High Impact Polystyrene



### Flexible Pipes and Seals (FPJs)

The FPJ110/110 is a 600mm black polyethylene moulded flexible pipe which connects soil and vent pipe terminals to the systems allowing for an offset of up to 200mm. The units come complete with sealing rings.

## ➤ OFT Flat Roof Vent/Terminal



### Design & Performance

The Ubbink OFT range vents are capped stacks for use in asphalt and built-up felt roofs.

There are two flange types denoted by the suffix F or A. Type F has an integral plastic flange for installation in built up felt roofs and Type A has a separate aluminium flange and collar to withstand the higher temperature during installation in asphalt roofs.

The OFT/2F is a 110mm diameter breather vent for built-up felt roofs.

The OFT/1 and OFT/4 are suitable for use with soil & vent systems and for both mechanical and natural (passive) ventilation installations.

The OFT/1F has an integral plastic flange for installation in built-up felt roofs and the OFT/1A has an integral collar and separate aluminium flange to withstand the high temperature during installation in asphalt roofs.

The OFT/4 has a special low air resistance cowl – the pressure/airflow resistance is <1.0 Pascal at 225m<sup>3</sup>/h. The pipework above the roofline is twin walled and incorporates an integral condensation drain. The stack pipe has an integral collar and separate aluminium flange for use with both felt and asphalt.

## ➤ OFT Flat Roof Vent/Terminal (cont'd)

Code	Dia	Height above roof	Flange dia	Depth below flange	Free vent area	Pressure/ airflow resistance
	mm	mm	mm	mm	mm <sup>2</sup>	Pa
OFT/2F	110	250	330		8,400	
OFT/1F	110	250	330	350	8,400	5.9
	166	300	363	350	20,000	2.5
OFT/1A	110	300	395	350	8,400	1.5
	131	300	450	350	12,000	1.1
	166	300	450	350	20,000	1.0
OFT/4	110	300	395	350	8,400	<1.0
	131	400	450	350	12,000	<1.0
	166	540	450	510	20,000	<1.0

\*Readings for OFT/1F & OFT/1A at 100m<sup>3</sup>/h. Readings for OFT/4 at 225m<sup>3</sup>/h

### Material

Type F: polyethylene

Type A: polyethylene/aluminium

### Colour

Black

## ➤ Purilan Skylight



Note: Image is representative and may change accordingly

### Design & Performance

The Purilan range of skylights for tiled and slated roofs has been developed for ease of installation and are ideal where ventilation and light are required via the pitched roof finish.

- 25° – 75° roof pitches
- Double glazed
- Tile, slate and shingle roof coverings
- Space-saving top hung opening light
- Quick release window stay fastening
- Integral flashing

The Purilan skylight is a plastic framed component complete with top hung opening double glazed light.

The integral lower flashing (Ubiflex for Purilan UNV and sheet aluminium for Purilan L models) removes the need for a separate, difficult-to-seal site joint between frame and flashing for most situations, thus providing for easier installations.

The casement stay is designed to hold the skylight casement in three positions – it may also be released from the frame for even wider opening.

## ➤ Purilan Skylight (cont'd)

	UNV31	L31	UNV32
Upstand size (mm)	490x580	490x580	490x865
<b>Casement Closure</b>			
Internal Stay	•	•	•
<b>Roof Finish</b>			
Slate up to 7mm		•	
Cedar shingles		•	
Plain tiles	•		•
Interlocking tiles	•		•
Interlocking slates	•		•
Thick slates over 7mm	•		•

## ➤ Replacements for discontinued products

Ubbink's new range of roofing products covers all your applications. However in some instances, the product or product number for your application may have changed. Please refer to the table below.

Old UB Number	Replaced With
UB5 (Flat Box Hood)	UB19
UB15 (UB5 with felt sleeve)	UB19 + Felt Sleeve
UB20 (UB19 with felt sleeve)	UB19 + Felt Sleeve
UB60 (Hollow Tile)	UB62
UB18 (Hollow Tile with spigot)	UB62
UB23 (UbiSoil)	UB19 + Felt Sleeve & Adaptor
UB25 (UbiFresh)	UB19 + Felt Sleeve & Adaptor
UB42 (Hollow Tile with 110mm spigot)	UB62 + Adaptor
OFT/3F (Flat Roof Void Vent)	OFT/1F
OFT/3A (Flat Roof Void Vent)	OFT/1A
UB32/44 (MVC service terminals)	UB19 + Felt Sleeve & Adaptor





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