

YOUR GUIDE TO

Pitched Roofing Ventilation



Klober, part of the BMI Group is recognised as one of Europe’s leading manufacturers of universal roofing components.

Klober focuses on developing and manufacturing universal components of the highest quality for flat and pitched roofs. With rigorous testing, innovative solutions and a comprehensive range of roofing components, Klober’s name is synonymous with value and quality.

Let us tell you why choosing Klober is the best choice.



SCAN CODE



BAY 2

Your guide to Pitched Roofing Ventilation



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Why choose Klober Tile Vents?

The Klober range of Tile Vents offers solutions for the most popular profiles of tiles and slates from all leading manufacturers.

Choose from our cleverly designed In Line range for a discreet ventilation solution matched to the tile profile, or the convenience of a universal solution, with options for enhanced ventilation performance.

Manufactured from polymers carefully chosen for a combination of their strength and UV properties, you can be sure a Klober tile vent will offer continued performance.

Klober tile vents can be used to provide high level or low level roof space ventilation and when installed with an adaptor and flexible pipe they can serve as an outlet for mechanical extraction, or as a terminal for soil, vent pipes and bathroom fans.

Klober tile vents are also a popular choice for introducing additional ventilation into existing buildings, as a proven and reliable solution for eliminating harmful condensation.

Tile Vents you can trust

We develop and manufacture all our tile vents in our own plants across Europe. This means we have full control from initial design to merchant delivery ensuring quality with rigorous testing of all products. This means that Klober is always ready to deliver the products you need, when you need them.



Find the right tile vent for your roof with our Compatibility Chart

See page 12



A VENT FOR EVERY ROOF

Universal solutions, traditional options and specific vents to suit the most popular manufacturer tiles.



PEACE OF MIND

All of our tile vents are backed by a 10 year guarantee.



DESIGNED TO LAST

Made from durable plastic, including high-performing ASA material in our market-leading In Line range.



COLOUR MATCH

Colour matching service and granulation to suit any colour tile for a discreet finish on the roof.

See page 22

About Ventilation

Why do you need to ventilate a roof space?

The average household can produce upto 14 litres of moisture every day. This can be built up from activities such as showering, drying clothes inside the home and boiling the kettle.

This can result in condensation, which is formed when warm air rises from the living area and meets cold surfaces both internal within the building and/ or between layers within the roof construction.

What is condensation?

Condensation is a change in the state of water, from gas or vapour into liquid. It usually happens when vapour in warm air encounters a cool surface. One of the most common places to see condensation is when it collects on the glass of a cold drink on a hot day. But it also occurs in the built environment.

In roofs, warm air and water vapour rise from the living area, and when the vapour comes into contact with the cooler building envelope, it condenses and turns into water droplets.

The two types of condensation:

Surface condensation - This occurs on visible surfaces, such as on a wall or internal ceiling.

Interstitial condensation - This occurs within or between the layers of a wall, roof or other building element. It can be extremely problematic because it is completely hidden from view. Like any condensation, it can lead to mould growth and structural damage, but homeowners may have no idea it's there.

Problems associated with condensation:

- Damp and mould
- Can lead to building substrate or structural damage
- Reduced air quality
- Negatively impacts the health and wellbeing of occupants

Condensation in roofs

Condensation can occur in any roof, however new houses appear to be most at risk. This is because they are designed for energy efficiency, which is of course, essential. But the increased air tightness and higher levels of insulation mean that excess moisture cannot escape from the building as effectively. Thermal bridging can also lead to condensation.

The challenge is to ensure that a home has adequate ventilation so that moisture can escape effectively, without compromising the property's thermal efficiency.



Klober's range of ventilation products can help reduce the risk of condensation forming.

See pages 12 - 39





British Standards

BS 5250:2021 is the code of practice for management of moisture in buildings.

Approved Document C of the Building Regulations in England and their equivalents in Wales, Scotland & Northern Ireland state that buildings must be designed so that the structure of the building and the health of the occupants are not affected by moisture. To achieve this, the guidance of BS 5250 should be followed.

BS 5250 was last updated in July 2021 and renamed from "Code of practice for control of condensation in buildings" to "Management of moisture in buildings."

This new title reflects an overall change in how the standard approaches the issues of moisture and condensation in buildings. It now takes a whole-building approach to various forms of moisture, including condensation.

Types of pitched roofs

When considering the required ventilation, the British Standard recognises three main types of pitched roof construction:



Cold roofs

These are roofs where the insulation is installed directly above the ceiling – roof spaces are not used for habitation and are traditionally the most common type of pitched roof in the UK.



Warm roofs

These are roofs with the insulation built into the roof slope. This can be between, over or under the rafters or a combination of both – these are becoming increasingly common as people want to use the roof space as a habitable space.



Hybrid roofs

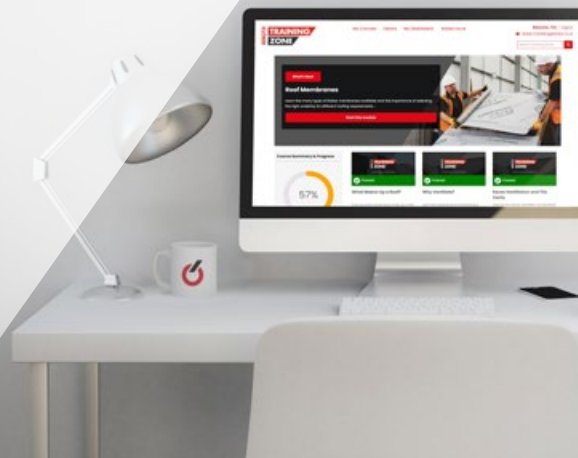
There are also hybrid roofs. These have a combination of habitable (warm roof) and non-habited (cold roof) spaces within the roof. This form of construction is often used in loft conversions but is less efficient than a standard warm pitched roof, as continuity of insulation is more difficult to achieve. Ventilation is also more complicated and must be carefully considered to prevent condensation.

Installation Tips



- If upgrading loft insulation in a cold roof you must ensure any existing airflow between the underlay and insulation is uninterrupted by using either a rafter tray or a loft vent tray; the latter can be installed from inside the loft.
- Tile vents can be used not only to ventilate the roof space but to connect also to extraction fans from areas such as bathrooms as well as soil stack ventilation.
- When installing the 6m Roll Out Rafter Tray make sure it remains castellated and not pulled taut, so an air gap is maintained.
- When using soffit ventilation ensure a suitable gap is maintained between the fascia board and Roll Out Rafter Tray.
- Remember to check the positioning of any tile vent in relation to insulation and timber rafters.

KLOBER TRAINING ZONE



Learn and put your knowledge to the test with our modules:

- **Why Ventilate?**
- **Eaves Ventilation**
- **Tile Vents**

Request access today:
klobber.co.uk/trainingzone



Recommended Ventilation Requirements

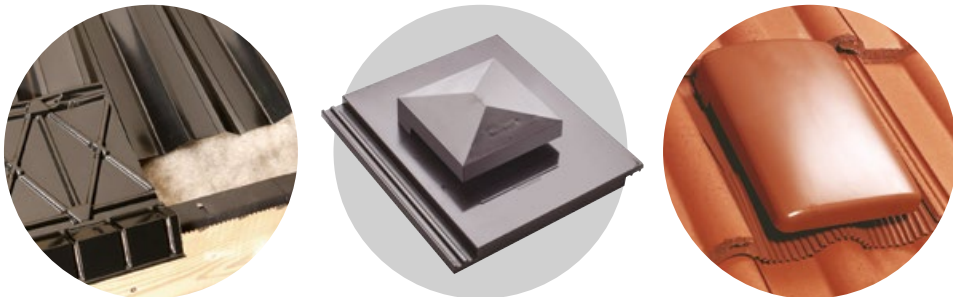
The ventilation requirements detailed opposite are minimum requirements as set out in BS 5250 to comply with Approved Document C of the Building Regulations in England, and their equivalents in Wales, Scotland & Northern Ireland for pitched roofs.

The typical scenarios cover cold roofs (when the insulation is at ceiling joist level) and warm roofs (when the insulation follows the line of the rafter). When we discuss roof space ventilation, we often refer to low level (eaves) ventilation and high level (ridge) ventilation.

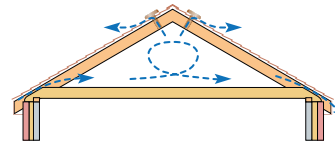
Generally high-level ventilation can be achieved by the use of our Dry Ridge systems or tile vents.



Similarly, low level ventilation can be provided by the use of our range of eaves ventilation products or tile vents.



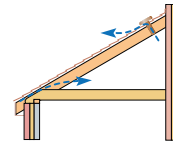
Duo Pitch Cold Roof over 15°



The equivalent of a continuous 10mm ventilation opening at low level. For roof pitches over 35 degrees and/or spans of over 10m this should be combined with the equivalent of a 5mm ventilation opening at high level.

For roof pitches below 15° the low-level ventilation should be increased to the equivalent of a 25mm ventilation opening.

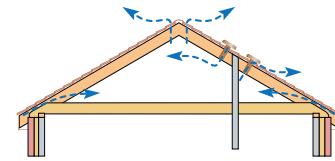
Mono Pitch Cold



The equivalent of a continuous 10mm ventilation opening at low level combined with the equivalent of a continuous 5mm ventilation opening at high level.

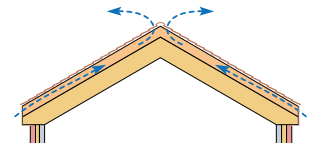
For roof pitches below 15° the low-level ventilation should be increased to the equivalent of a 25mm ventilation opening.

Duo Pitch Cold Roof over 15° with Dividing Walls



The equivalent of a continuous 10mm ventilation opening at low level combined with the equivalent of a 5mm ventilation opening at high level. Where dividing walls are parallel to the eaves, additional tile vents are required equivalent to a continuous 5mm ventilation opening below the wall and equivalent to a 10mm ventilation opening above the wall.

Duo Pitch Warm Roof with Inclined Ceiling and Insulation



The equivalent of a continuous 25mm ventilation opening at low level combined with the equivalent of a continuous 5mm ventilation opening at high level. A minimum 25mm ventilated void between the insulation and underlay should be maintained. This measurement should be taken from the lowest point of the draped underlay.

The above information is based on the use of a non breathable roofing membrane. The choice of roofing membrane combined with the type of construction may influence the amount of ventilation required; and in some cases air permeable underlays may negate the need entirely. For more information please refer to klober.co.uk

Finding the Right Tile Vent

Tile Manufacturer Compatibility Chart

MANUFACTURER TILES			KLOBER TILE VENTS			
	Tile Profile	Material	Compatibility	Part No.	Page No.	Universal Tile Vents*
BMI Redland	Clay Plain Tiles	Clay	Clay Plain Tile Vent	KG4321-3	28	✓
	Delta	Concrete	Traditional Tile Vent	KG4096-3	23	
	50 Double Roman		Double Roman Tile Vent	KG9857-3	16	✓
	Downland		Uni-Plain Tile Vent	KG9918	29	✓
	Duoplain		Twin Plain Tile Vents	KG9861	19	
	Fenland Pantile		Single Pantile Tile Vent	KG9860	17	
	Grovebury		Double Pantile Tile Vent	KG9858-3	16	✓
	Heathland		Uni-Plain Tile Vent	KG9918	29	✓
	Landmark 10		Thin Line Tile Vent	KG9855-3	19	✓
	Landmark Double Pantile		Double Pantile Tile Vent	KG9858-3	16	✓
	Landmark Double Roman		Double Roman Tile Vent	KG9857-3	16	✓
	Mini Stonewold		Flat Tile Vent	KG9856-3	18	✓
	Mockbond Mini Stonewold		Flat Tile Vent	KG9856-3	18	✓
	Mockbond Richmond 10		Thin Line Tile Vent	KG9855-3	19	✓
	Norfolk Pantile		Single Pantile Tile Vent	KG9860	17	
	Plain Tile		Uni-Plain Tile Vent	KG9918	29	✓
	Redland 49		15x9 Tile Vent	KG9690	18	
	Regent		Traditional Tile Vent	KG6084-3	23	✓
	Renown		Limarech Tile Vent	KG9859-3	17	✓
	Richmond 10		Thin Line Tile Vent	KG9855-3	19	✓
Saxon 10	Thin Line Tile Vent		KG9855-3	19	✓	
Stonewold Mk II	Traditional Tile Vent	KG6083-3	23			
Forticrete	Centurion	Concrete	Single Pantile Tile Vent	KG9860	17	
	Gemini		Twin Plain Tile Vents	KG9861	19	
	Mini Slate		Twin Plain Tile Vents	KG9861	19	
	V2		15x9 Tile Vent	KG9690	18	
Etex	Birkdale	Fibre Cement	Uni line slate vent	KG9630	25	
	Garsdale(Thrutone textured)		Uni line slate vent	KG9630	25	
	Rivendale		Uni line slate vent	KG9630	25	
	Thrutone		Uni line slate vent	KG9630	25	

* Klobber Universal Tile Vents: Uni-Line Tile Vent KG9853, Universal Tile Vent KG9854 & Universal 20k Tile Vent KG9854-20
 Tiles and batten will need to be cut when using universal vents with clay and concrete plain tiles. Uni- Line Tile Vent KG9853 is not suitable for plain tiles.
 Uni plain tile vent may be used for clay plain tiles depending on the camber. Single camber products are better suited to the clay plain tile vent.

MANUFACTURER TILES			KLOBER TILE VENTS				
	Tile Profile	Material	Compatibility	Part No.	Page No.	Universal Tile Vents*	
Marley	Clay Plain Tiles	Clay	Clay Plain Tile Vent	KG4321-3	28	✓	
	Anglia	Concrete	Single Pantile Tile Vent	KG9860	17		
	Ashmore		Twin Plain Tile Vents	KG9861	19		
	Bold Roll		Traditional Tile Vent	KG6085-3	23	✓	
	Double Roman		Double Roman Tile Vent	KG9857-3	16	✓	
	Duo Edgemere		Thin Line Tile Vent	KG9855-3	19	✓	
	Duo Modern		Flat Tile Vent	KG9856-3	18	✓	
	Ecologic Ludlow Major		Limarech Tile Vent	KG9859-3	17	✓	
	Edgemere		Thin Line Tile Vent	KG9855-3	19	✓	
	Ludlow Major		Limarech Tile Vent	KG9859-3	17	✓	
	Ludlow Plus		15x9 Tile Vent	KG9690	18		
	Mendip		Double Pantile Tile Vent	KG9858-3	16	✓	
	Modern		Flat Tile Vent	KG9856-3	18	✓	
	Plain Tile		Uni-Plain Tile Vent	KG9918	29	✓	
	Riven Edgemere		Thin Line Tile Vent	KG9855-3	19	✓	
	Wessex		Traditional Tile Vent	KG6092-3	23	✓	
	Wienerberger (Sandtoft)		Clay Plain Tile	Clay	Clay Plain Tile Vent	KG4321-3	28
Cassuis			Clay	-			✓
Rivius		Clay	-			✓	
Calderdale		Concrete	Flat Tile Vent	KG9856-3	18	✓	
Calderdale Edge			-			✓	
Double Pantile			Double Pantile Tile Vent	KG9858-3	16	✓	
Double Roman			Double Roman Tile Vent	KG9857-3	16	✓	
Dual Calderdale Edge			-			✓	
Dual Calderdale			Flat Tile Vent	KG9856-3	18	✓	
Dual TLE			Thin Line Tile Vent	KG9855-3	19	✓	
Lindum			Limarech Tile Vent	KG9859-3	17	✓	
Plain tile			Uni-Plain Tile Vent	KG9918	29	✓	
Shire Pantile			Single Pantile Tile Vent	KG9860	17		
Standard pattern			15x9 Tile Vent	KG9860	18		
TLE			Thin Line Tile Vent	KG9855-3	19	✓	
Britslate			Resin Slate	Uni line slate vent	KG9630	25	

* Klobber Universal Tile Vents: Uni-Line Tile Vent KG9853, Universal Tile Vent KG9854 & Universal 20k Tile Vent KG9854-20
 Tiles and batten will need to be cut when using universal vents with clay and concrete plain tiles. Uni- Line Tile Vent KG9853 is not suitable for plain tiles.
 Uni plain tile vent may be used for clay plain tiles depending on the camber. Single camber products are better suited to the clay plain tile vent.

MANUFACTURER TILES			KLOBER TILE VENTS			
	Tile Profile	Material	Compatibility	Part No.	Page No.	Universal Tile Vents*
Mannok	Devonish	Concrete	Thin Line Tile Vent	KG9855-3	19	✓
	Locherne		Double Pantile Tile Vent	KG9858-3	16	✓
	Rathmore duo		Thin Line Tile Vent	KG9855-3	19	✓
	Rathmore Slate		Thin Line Tile Vent	KG9855-3	19	✓
	Western Slate		Flat Tile Vent	KG9856-3	18	✓
Breedon	Double Roll	Concrete	Double Roman Tile Vent	KG9857-3	16	✓
	Elite		Thin Line Tile Vent	KG9855-3	19	✓
	Flat		Flat Tile Vent	KG9856-3	18	✓
	Square Top		-			✓
Russell	Bute	Concrete	Thin Line Tile Vent	KG9855-3	19	✓
	Cheviot		Limarech Tile Vent	KG9859-3	17	✓
	Double Roman		Double Roman Tile Vent	KG9857-3	16	✓
	Galloway		Thin Line Tile Vent	KG9855-3	19	✓
	Grampian		Flat Tile Vent	KG9856-3	18	✓
	Highland		Flat Tile Vent	KG9856-3	18	✓
	Lothian		Thin Line Tile Vent	KG9855-3	19	✓
	Moray		Thin Line Tile Vent	KG9855-3	19	✓
	Pennine		Double Pantile Tile Vent	KG9858-3	16	✓
	Polden		Thin Line Tile Vent	KG9855-3	19	✓
	Regency		Uni-Plain Tile Vent	KG9918	29	✓
Traditional Plain	Uni-Plain Tile Vent	KG9918	29	✓		
Slates	up to 400 x 250mm	Natural Slate	Mini Uni Line Slate Vent	KG9631	25	
	500mm x 250mm	Fibre Cement Slate	Uni Line slate Vent	KG9630	25	
	500mm x 250mm	Natural Slate	Uni Line slate Vent	KG9630	25	
	600mm x 300mm	Fibre Cement Slate	Uni Line slate Vent	KG9630	25	
	600mm x 300mm	Natural Slate	Uni Line slate vent	KG9630	25	
Northstone	Causeway	Concrete	Thin Line Tile Vent	KG9855-3	19	✓
	Causeway Riven		Thin Line Tile Vent	KG9855-3	19	✓
	Donard		Flat Tile Vent	KG9856-3	18	✓
	Dunluce		Thin Line Tile Vent	KG9855-3	19	✓

* Klobber Universal Tile Vents: Uni-Line Tile Vent KG9853. Universal Tile Vent KG9854 & Universal 20k Tile Vent KG9854-20
 Tiles and batten will need to be cut when using universal vents with clay and concrete plain tiles. Uni-Line Tile Vent KG9853 is not suitable for plain tiles.
 Uni plain tile vent may be used for clay plain tiles depending on the camber. Single camber products are better suited to the clay plain tile vent.

In Line Tile Vents

In Line Tile Vent Range



A neat, cleverly designed in-line range suitable for the most popular concrete interlocking roof tiles.

Key features

- Sleek in-line design making it virtually invisible in the roofline.
- Design allows direct ventilation to the roof space.
- Adaptors and Flexipipe available for easy soil ventilation or mechanical extraction.

Compatible with

- Adaptor and Flexipipe KG979200 p32.
- Adaptor KG979100 p33.
- Flexipipe KG979900 p32.



Double Roman Tile Vents



Area of application

- For roof pitches 17.5° and over.
- Double Roman tile profiles.
- High and low level ventilation.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG9857-3-0116	332	418	10,000	Antique Red	Suits Marley, Redland, Russell and Sandtoft Double Roman profiles
KG9857-3-0152				Terracotta	
KG9857-3-0247				Brown	
KG9857-3-0429				Grey	

Double Pantile Tile Vents



Area of application

- For roof pitches 17.5° and over.
- Double Pantile profiles.
- High and low level ventilation.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG9858-3-0116	332	418	10,000	Antique Red	Suits Marley Mendip, Redland Grovebury, Russell Pennine and Sandtoft Double Pantile profiles
KG9858-3-0152				Terracotta	
KG9858-3-0247				Brown	
KG9858-3-0429				Grey	

Single Pantile Tile Vents



Area of application

- For roof pitches 20° and over.
- Single Pantile profiles.
- High and low level ventilation.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG9860-0116	229	384	10,000	Antique Red	Suits Sandtoft Shire Pantile, Redland Norfolk and Fenland Pantile, Marley Anglia and Forticrete Centurion interlocking tile profiles
KG9860-0152				Terracotta	
KG9860-0247				Brown	
KG9860-0429				Grey	

Limarech Tile Vents



Area of application

- For roof pitches 17.5° and over.
- Limarech Pantile profiles.
- High and low level ventilation.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG9859-3-0116	332	418	10,000	Antique Red	Suits Marley Ludlow Major, Redland Renown, Russell Cheviot and Sandtoft Lindum profiles
KG9859-3-0152				Terracotta	
KG9859-3-0247				Brown	
KG9859-3-0429				Grey	

Flat Tile Vents



Area of application

- For roof pitches 20° and over.
- Flat tile profiles.
- High and low level ventilation.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG9856-3-0116	330	418	10,000	Antique Red	Suits Marley Modern, Redland Mini Stonewold, Russell Grampian and Sandtoft Calderdale profiles
KG9856-3-0152				Terracotta	
KG9856-3-0247				Brown	
KG9856-3-0429				Grey	
KG9856-3-0450				Black	

15x9 Tile Vents



Area of application

- For roof pitches 20° and over.
- 15x9 tile profiles.
- High and low level ventilation.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG9690-0116	229	384	10,000	Antique Red	Suits Redland 49, Marley Ludlow Plus, Sandtoft Standard Pattern, and Forticrete V2 profiles
KG9690-0152				Terracotta	
KG9690-0247				Brown	
KG9690-0429				Grey	
KG9690-0450				Black	

Twin Plain Tile Vents



Area of application

- For roof pitches 22.5° and over.
- When used with Forticrete Gemini we recommend a minimum pitch of 25°.
- Twin plain tile profiles.
- High and low level ventilation.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG9861-0116	330	273	7,850	Antique Red	Suits Redland Duo Plain, Forticrete Gemini and Marley Ashmore profiles
KG9861-0152				Terracotta	
KG9861-0247				Brown	
KG9861-0429				Grey	
KG9861-0450				Black	

Thin Line Tile Vents



Area of application

- For roof pitches 17.5° at 100mm headlap and over 22.5° at 75mm headlap.
- Thin leading edge tile profiles.
- High and low level ventilation.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG9855-3-0450	330	418	10,000	Black	Suits Marley Edgemere, Russell Galloway, Breedon Elite, Mannock Lakeland Slate Range and Redland's Slate 10 range
KG9855-3-0116				Antique Red	
KG9855-3-0152				Terracotta	
KG9855-3-0247				Brown	
KG9855-3-0429				Grey	

Uni-Line Tile Vents



Designed as a discreet, in-line vent making it virtually invisible in the roof line, suiting most interlocking roof tiles.

Key features

- Sleek in-line design making it virtually invisible in the roofline.
- Built in downpipe, which allows direct ventilation to the roof space.
- Connects directly to the Flexipipe, without additional adaptors required, for mechanical extraction systems, soil and ventilation pipes.

Area of application

- For roof pitches 20° and over.
- For most popular concrete interlocking tiles.
- High and low level ventilation.

Compatible with

- Flexipipe KG979900 p32.

Box Qty: 1

Product code	Width mm	Length mm	Vent area mm ²	Colour
KG9853-0152	424	454	10,000	Terracotta
KG9853-0247				Brown
KG9853-0429				Grey

Universal 20k Tile Vents



Product code	Width mm	Length mm	Vent area mm ²	Colour
KG9854-20-0247	424	454	20,000	Brown
KG9854-20-0429				Grey
KG9854-20-0152				Terracotta

Offers high levels of ventilation, suiting most concrete interlocking roof tiles.

Key features

- Ideal solution where high levels of ventilation are required providing 20,000mm² ventilation area.
- Universal solution.
- Solution for a mechanical ventilation heat recovery system with a 150mm adaptor.

Area of application

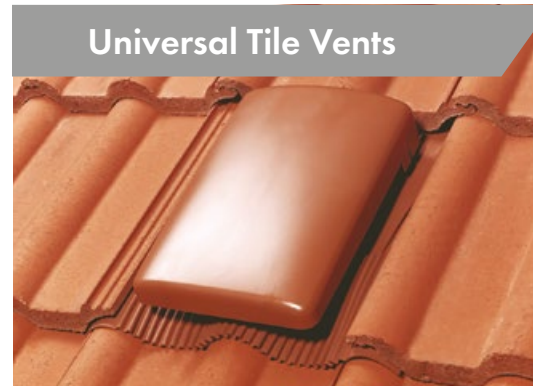
- For roof pitches 17.5° and over.
- For most popular concrete interlocking tiles.
- High and low level ventilation.

Compatible with

- Adaptor KG979700 p33.

Box Qty: 10

Universal Tile Vents



Product code	Width mm	Length mm	Vent area mm ²	Colour
KG985403	424	454	15,000	Antique Red
KG985430				Grey
KG985434				Terracotta
KG985436				Brown
KG985476				Black

The perfect solution for ventilating roof voids as it suits most concrete interlocking roof tiles.

Key features

- Design allows direct ventilation to the roof space.
- Can be used as a terminal for soil and ventilation pipes and mechanical extraction.
- Spare caps available.
- Compatible with 100mm and 125mm adaptors.

Area of application

- For roof pitches 17.5° and over.
- For most popular concrete interlocking tiles.
- High and low level ventilation.

Compatible with

- Adaptor and Flexipipe KG979800-1 p32.
- Adaptor KG968300-1 / KG979000-1 p33.
- Flexipipe KG979900-1 p29 / KE8042-3 p32.

Box Qty: 10





Colour Matching Service

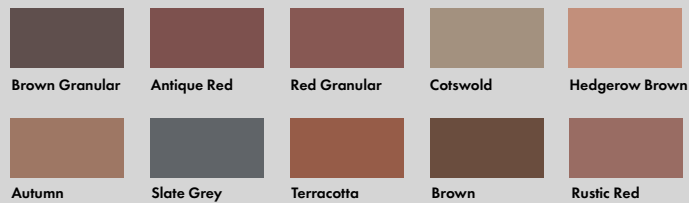
Struggling to find a tile vent that matches your roof colour? Klover offers a colour matching service for all tile vents, so no matter what type of tile vent you need you can be certain it will blend in seamlessly with your roof.

All colour matched tile vents are made to order which means returns cannot be accepted. If you require a unique colour we may request a tile sample to ensure we get the closest match possible.



- Available on all of our tile vents
- Granulation available in brown, antique red and cotswold colours

Plain Tile Vents are also available in the standard colours below:



For information on our Colour Matching service, call our internal Sales Team: **01332 813050**

Traditional Tile Vents

Traditional Tile Vents



Marley Wessex



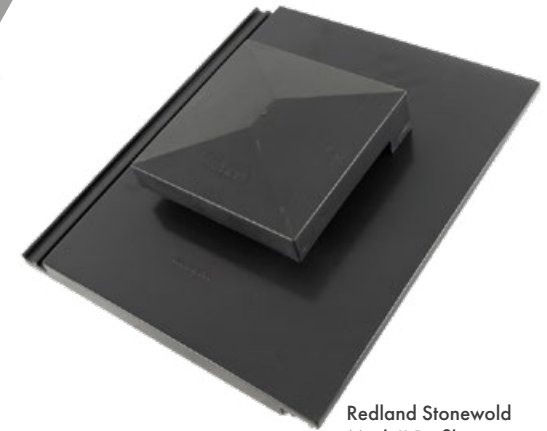
Redland Regent



Marley Bold Roll



Redland Delta



Redland Stonewold Mark II Profile

A quality range of high-flow ventilating tiles to suit most traditional interlocking roof tiles.

Key features

- Ideal solution where high levels of ventilation is required providing 15,000mm² ventilation area.
- The vent cap avoids any build up of debris inside the vent and prevents the entry of birds and large insects.
- Can be used as a terminal for soil and ventilation pipes and mechanical extraction systems when used with an Adaptor and Flexipipe.*

Area of application

- For roof pitches 20° and over.
- For most traditional concrete interlocking tiles.
- High and low level ventilation.

Compatible with

- Throat Adaptor KG8000-3 p33.
- Flexipipe KG979900 p32.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG6083-3-0200	380	430	15,000	Brown	Redland Stonewold Mark II Profile
KG6083-3-0400				Grey	
KG6092-3-0200	330	410		Brown	Marley Wessex
KG6084-3-0200	334			Brown	Redland Regent
KG6084-3-0400		Grey			
KG6085-3-0200	385	430		Brown	Marley Bold Roll
KG4096-3-0200				Brown	Redland Delta

*not Redland Delta



Small Slate Vents



Slate vent tile with cap to avoid any build up of debris inside the vent.

Key features

- The vent cap avoids any build up of debris inside the vent and prevents the entry of birds and large insects.
- Built in downpipe, which allows direct ventilation to the roof space.
- Connects directly to the Flexipipe, without additional adaptors required, for mechanical extraction systems, soil and ventilation pipes.

Area of application

- For roof pitches 20° - 70°.
- For most manmade fibre cement or natural slate tiles.
- High and low level ventilation.

Compatible with

- Flexipipe KG972400 p32.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG972200	300	600	4,500	Slate Grey	600mm x 300mm (24" x 12") and 500mm x 250mm (20" x 10") double lap slates
KG972276				Slate Black	

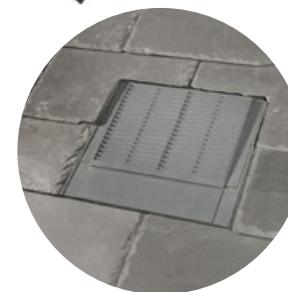
Uni-Line Slate Vents



Uni-Line Slate Vent



Mini Uni-Line Slate Vent



Designed as a sleek and discreet, in-line vent making it virtually invisible in the roof line.

Key features

- Sleek in-line design making it virtually invisible in the roofline.
- Built in downpipe, which allows direct ventilation to the roof space.
- Connects directly to the Flexipipe, without additional adaptors required, for mechanical extraction systems, soil and ventilation pipes.

Area of application

- For roof pitches over 22.5°.
- Manmade fibre cement or natural slate tiles.
- High and low level ventilation.

Compatible with

- Flexipipe KG979900 p32.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
Uni-Line Slate Vents					
KG9630-0403	380	600	6,500	Dark Slate	600 x 300mm (24" x 12") and 500mm x 250mm (20" x 10") double lap slate tiles
KG9630-0429				Slate Grey	
Mini Uni-Line Slate Vents					
KG9631-0403	300	450	6,500	Dark Slate	Up to 400 x 250mm (16" x 10") double lap slate tiles
KG9631-0429				Slate Grey	

10k Slate Vents



A combination of low profile and high airflow, designed to prevent the entry of birds and larger insects.

Key features

- Adaptors and Flexipipe available for easy soil ventilation or mechanical extraction.

Area of application

- For roof pitches over 20°.
- Manmade fibre cement or natural slate tiles.
- High and low level ventilation.

Compatible with

- Adaptor KG979100 p33.
- Flexipipe KG979900 p32.

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG968900	300	600	10,000	Slate Grey	600mm x 300mm (24" x 12") and 500mm x 250mm (20" x 10") double lap slate tiles

20k Slate Vents



Offers high levels of ventilation for double lap slates.

Key features

- Provides 20,000mm² ventilation area.
- Perfect solution for heat recovery system with a 150mm adaptor.

Area of application

- For roof pitches over 22.5°.
- Manmade fibre cement or natural slate tiles.
- High and low level ventilation.

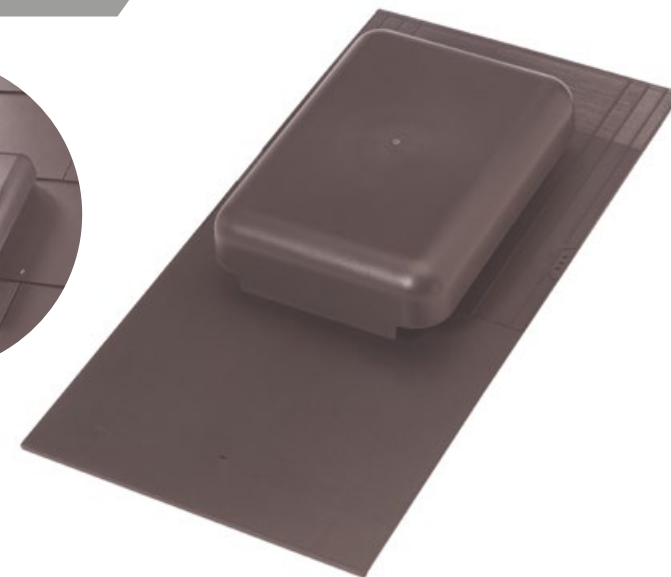
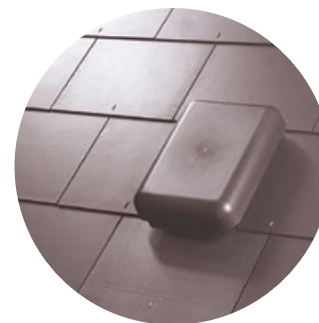
Compatible with

- Adaptor KG979700 p33

Box Qty: 10

Product code	Width mm	Length mm	Vent area mm ²	Colour	Tile compatibility
KG9795-0429	380	600	20,000	Slate Grey	600mm x 300mm (24" x 12") and 500mm x 250mm (20" x 10") double lap slate tiles
KG9795-0450				Slate Black	

Large Slate Vents



Offers high levels of ventilation for double lap slates.

Key features

- The vent cap avoids any build up of debris inside the vent and prevents the entry of birds and large insects.
- 100mm and 125mm Adaptors and Flexipipe available for easy soil ventilation or mechanical extraction.

Area of application

- For roof pitches over 22.5°.
- Manmade fibre cement or natural slate tiles.
- High and low level ventilation.

Compatible with

- Adaptor and Flexipipe KG979800-1 p32.
- Universal Vent Adaptor KG968300-1 / KG979000-1 p33.
- Flexipipe KG979900 / KE8047 p32.

Product code	Width mm	Length mm	Vent area mm ²	Colour	Box quantity	Tile compatibility
KG979630-1 (Cap)	380	600	14,000	Slate Grey	20	600mm x 300mm (24" x 12") and 500mm x 250mm (20" x 10") Double Lap Slate Tiles
KG979400-1 (Base)					10	

Clay Tile Vents



Discreet ventilating tiles suitable for clay plain tiles.

Key features

- Sleek in-line design making it virtually invisible in the roofline.
- Can be used as a terminal for soil and ventilation pipes and mechanical extraction systems when used with an Adaptor and Flexipipe.

Area of application

- For roof pitches 30° and over.
- For most popular clay plain tiles.
- High and low level ventilation.

Compatible with

- Throat Adaptor KG8003-3 p33.
- Flexipipe KG979900 p32.

Box Qty: 10



Brown



Terracotta

Product code	Width mm	Length mm	Vent area mm ²	Colour
KG4321-3-0200	500	370	9,000	Brown
KG4321-3-0100				Terracotta

Uni-Plain Tile Vents



Discreet ventilating tiles suitable for concrete plain tiles.

Key features

- Sleek in-line design making it virtually invisible in the roofline.
- Can be used as a terminal for soil and ventilation pipes and mechanical extraction systems when used with an Adaptor and Flexipipe.

Width: 330mm

Length: 300mm

Vent Area: 6,000 mm²

Area of application

- For roof pitches 35° and over.
- For most popular concrete plain tiles.
- High and low level ventilation.

Compatible with

- Adaptor and Flexipipe KG992800 p32.
- Adaptor KG990500 p33.
- Flexipipe KG979900 p32.

Box Qty: 10



Hedgerow Brown

Product code	Colour
KG991802	Brown Granular
KG991803-1	Antique Red
KG991805	Red Granular
KG991812	Cotswold
KG991818	Hedgerow Brown
KG991823	Autumn
KG991830-1	Grey
KG991834-1	Terracotta
KG991836-1	Brown
KG991878	Rustic Red

Spare Universal Tile Vent Cap



Slate Grey



Terracotta



Brown



Antique Red

A replacement cap for Klober Universal Tile Vents.

Key features

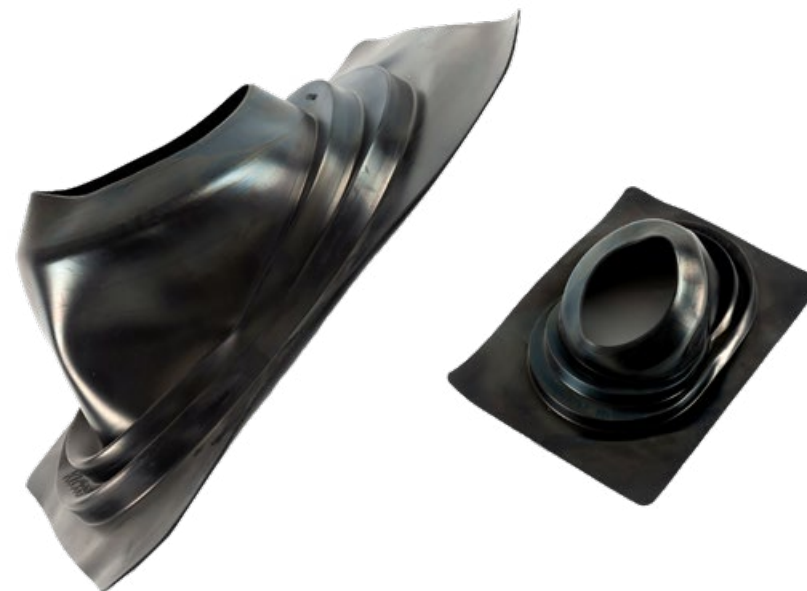
To be used with Klober Universal Tile Vents.

Compatible with

- Universal Tile Vents
KG985403 / KG985430 /
KG985434 / KG985436 p21.

Product code	Colour	Box quantity
KG985530	Slate Grey	1
KG985534	Terracotta	
KG985536	Brown	
KG985503	Antique Red	

Pipe Sealing Collar



The ideal solution for creating airtight and windtight seals around pipes which pass through the roof.

Key features

- Suits nearly all roof pitches due to the highly flexible ridges in the collar.
- Suitable for areas with adverse weather conditions.
- Can be used for both rigid and Flexipipes.




Area of application

- For roof pitches between 10 - 70°.
- Use between the membrane or vapour control layer for pipes which penetrate the roof.
- Suitable for 100 to 125mm diameter pipes.

Product code	Width mm	Length mm	Diameter mm	Height mm	Colour	Box quantity
KU8001	235	310	95	115	Black	20

Adaptors and Flexipipes

The perfect add-on for vents to allow for soil ventilation and mechanical extraction, by providing quick and simple connection to internal pipework. Choose between a combined Adaptor and Flexipipe or purchase them individually.

Tile compatibility	Product code	Diameter mm	Length mm	Product
Adaptor and Flexipipe				
InLine Tile Vents and 10k Slate Vent	KG979200	100		
Universal Tile Vents and Large Slate Vents	KG979800-1			
Uni-Plain Tile Vents	KG992800			
Flexipipe				
Universal Tile Vent, Large Slate Vent when used with 125mm Adaptor, and all Vents and Adaptors with 100mm connection	KE8042-3	75/90/110 to 110/125	650	
Small Slate Vent	KG972400	75/100	280	
All Vent Tiles and Adaptors with 100mm connection (excludes 20k and Small Slate Vent)	KG979900	100/100	380	

Key features

- Quick and simple connection to internal pipework.
- Lightweight and durable, while no tile cutting or lead flashing is required.
- Pressure tested to comply with relevant British Standards.

All Adaptors and Flexipipes are available in boxes of 10

Tile compatibility	Product code	Diameter mm	Product
Adaptor			
Universal Tile Vents and Large Slate Vent	KG968300-1	100	
	KG979000-1	125	
InLine Vents and 10k Slate Vents	KG979100	100	
20k Tile Vents and 20k Slate Vents	KG979700	150	
Uni-plain Tile Vents	KG990500	100	
Clay Plain Tile Vents	KG8003-3		
Traditional Vents	KG8000-3		

Loft Vent Tray



A barrier between the insulation and roof to provide a ventilation path.

Key features

- Can easily be installed from inside the loft, without disturbing the roof covering.
- Easily adjustable to pitch of roof.
- The perfect solution when upgrading loft insulation.
- Colour: Black.

Area of application

Suitable for all roofs.

Product code	Width mm	Length mm	Depth mm	Box quantity
KP965000	315	700	30	50

Underlay Support Tray



Increases the longevity of the roofing membrane at the eaves.

Key features

- 55mm overhang provides drainage into the gutter, directing water away from the underlay.
- Prevents ponding behind the fascia and the underlay sagging between rafters.
- An economic replacement for rotting underlay at eaves, whilst protecting it from UV degradation.
- Colour: Black.

Area of application

Suitable for all roofs.

Product code	Width mm	Length m	Pack quantity
KP973910	245	1.5	20

Rafter Tray



A barrier and ventilation path between the insulation and roof, while preventing the entry of birds and insects.

Key features

- Protects against birds and insects, whilst allowing airflow into the roof space.
- Quick and easy to install.
- Lightweight and durable.
- Colour: Black.

Area of application

- For roofs with a pitch over 15°.
- Closed and open rafters at 450mm and 600mm rafter centres.

Product code	Width mm	Length mm	Depth mm	Box quantity
KP964800	430	450	18	100
KP964900		620		

Roll Out Rafter Tray



A barrier and ventilation path between the insulation and roof.

Key features

- Available in five widths.
- Quick and easy to install.
- Lightweight and durable.
- Colour: Black

Area of application

- For roofs with a pitch over 12.5°.
- Suitable for all rafter centres.
- Suitable for 10mm and 25mm eaves ventilation.

Product code	Width mm	Length m	Depth mm	Box quantity
KP971500	300	6	35	10
KP975700	400			
KP971600	600			
KP971700	800			
KP971900	1000			5

3-IN-1 EAVES VENT PACK

EVERYTHING YOU NEED FOR EAVES VENTILATION.



Eaves Ventilation

3-in-1 Eaves Vent Pack



Eaves Comb Filler



Related Product

Prevents birds and larger insects from entering the batten cavity.

Key features

- Protects against birds and larger insects, whilst allowing airflow into the batten cavity.
- The integral fixing slots allow for quick and easy installation.
- Adjustable to suit any tile profile.
- Colour: Black.

Area of application

Suitable for profile tiles.

Product code	Length m	Height mm	Depth mm	Box quantity
KR0065-0402	1	60	27	300

A 3-in-1 pack to cover 6m of eaves.

Key features

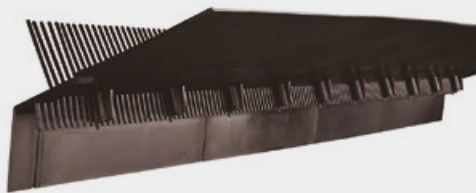
- Everything you need in one pack.
- Quick and easy to install.
- Prevents ponding behind the fascia board.
- Colour: Black.

Area of application

450 - 600mm rafter centres.

Product code	Size	Box contents
KP990200	10mm Vent and 300mm Rafter Tray	6 Fascia Vents 10mm - 1m x 42mm x 25mm 25mm - 1m x 48mm x 38mm
KP990600	10mm Vent and 600mm Rafter Tray	10 Underlay Support Trays 265mm x 600mm
KP966700	25mm Vent and 300mm Rafter Tray	1 Roll Out Rafter Tray 6m x 35mm x 300/600mm

Vented Eaves Protector



A faster and easier method of ventilating and protecting at the eaves.

Key features

- A 10mm fascia vent, underlay support tray and optional bird comb in one unit.
- Split drip section allows for quick and easy fixing of gutter brackets.
- Available in practical 1m lengths.
- Colour: Black.

Area of application

- For roof pitches 15° - 60°.
- Option for flat and profiled tiles.

Product code	Description	Length m	Height mm	Box quantity
KP3005-0450	Without comb	1	220	40
KP3006-0450	With comb			20

Eaves Closer

Related Product



An eaves perimeter detail for counter batted roof systems.

Key features

- Prevents the entry of birds and insects into the counter batten cavity.
- Allows air movement into the counterbatten cavity.
- Lightweight and durable.
- Colour: Black.

Area of application

All counter batted roofs.

Product code	Length m	Height mm	Depth mm	Pack quantity
KP3326-0450	2.5	50	30	20
KP3327-0450		70		
KP3328-0450		90		

Over Fascia Vent



Discreet eaves ventilation to the roof void.

Key features

- Protects against birds and insects, whilst allowing airflow into the roof space.
- Discreet method of roof void ventilation.
- Lightweight and durable.
- Colour: Black.

Area of application

- Conventional cold roofs (10mm vent).
- Warm roofs, flat roofs and pitched roofs below 15° (25mm vent).

Product code	Opening mm	Width mm	Length m	Depth mm	Box quantity
KP965200	10	42	1	25	50
KP964300	25	48		38	

Circular Soffit Vent



Provides eaves ventilation through the soffit.

Key features

- Available in two colours to match painted or stained soffits.
- Easy circular fixing that fits any thickness soffit board.
- Lightweight and durable.

Area of application

Suitable for installation in soffit boards on new build and refurbishments.

Product code	Depth mm	Diameter mm	Colour	Box quantity
KP9642-0450	13	75	Black	50
KP9642-0900			White	

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