

**Hambleside Danelaw
Building Products**



Pitched Roofing Product Brochure

Issue 19

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Introduction

Hambleside Danelaw is the UK market leader for its flashing, ventilation and ancillary products. These comprehensive ranges cover everything needed on your roof from dry fix valley troughs to tile roof vents and even bat vents.

With over 40 years' experience in the construction industry, we have unrivalled expertise when it comes to the development, manufacturing and distribution of our products.

We produce all of our products in our state of the art manufacturing facilities, here in the UK.

The environment is important to us and we are always striving to be an environmentally responsible manufacturer, working to reduce production waste and our carbon footprint through product innovation and sophisticated manufacturing processes.



Flashings

Maintain a watertight roof with our range of quality roof flashings made from GRP (glass reinforced polyester). Ensure your valleys, verges and abutment roof junctions are durable and sound for years to come with our tried and tested range.

All our GRP flashing products have the following benefits:

- Up to half the cost and time of traditional lead installation
- Semi-skilled fitting procedure
- Light in weight and easy to handle
- 30 year service life guarantee
- Do not streak or stain
- No value to the thief
- Lead grey finish



Valley troughs

Dry fix

Our market leading GRP mortarless dry fix inclined valley troughs provide hidden water gulleys at the roof valleys. These troughs create a close-cut appearance on both new build and refurbishment projects as well as not requiring the need for any counter battens and special eaves closure pieces.



Product information

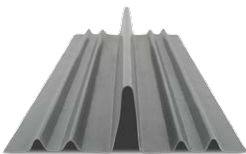


Product Code	Dimensions (width x length x height in mm)
HDL DVT/1	360 x 3000 x 105mm
HDL DVT/2	360 x 2400 x 105mm
HDL DVLPT/1	360 x 3000 x 80mm
HDL DVLPT/2	360 x 2400 x 80mm
HDL DVS/1	360 x 3000 x 55mm
HDL DVS/2	360 x 2400 x 55mm
Certification	BBA 87/1915

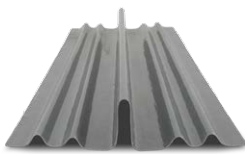


Our range of dry fix valley troughs are suitable for roof pitch differentials up to 20 °. For tile compatibility, see pages 04 and 05.

Product options



Profiled tile roofs
HDL DVT



Flat and plain tile roofs
HDL DVLPT

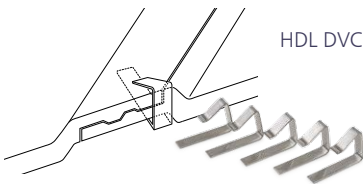


Slate roofs
HDL DVS

Accessories

In the case of interlocking single lap tiles, where small cuts of tiles occur. The smaller cut section may need supporting using a support bridge, code: HD DVBP.

Alternatively a stainless steel clip, code: HD DVC, can be used as illustrated. This support should only be used on the left side of the valley where no support is available from the tile interlock.



Dry fix valley trough compatibility chart

	Tile type	Product
Double lap products	Plain tiles (all)	HDL DVLPT
	Slates up to 6mm thick	HDL DVS
	Slates 7mm to 15mm thick	HDL DVLPT
	Slates 16mm to 22mm thick	HDL DVT
Crest	DS5	HDL DVT
	F12	HDL DVT
	F15	HDL DVT
	G10	HDL DVLPT
	H10	HDL DVT
	H14	HDL DVT
	H15	HDL DVT
	S9	HDL DVLPT
	Double Pantile	HDL DVT
	Double Roman	HDL DVT
	Planum	HDL DVT
	Wolds	HDL DVT
Forticrete	Centrurion	HDL DVT
	Gemini	HDL DVLPT
	Minislate	HDL DVLPT
	Senator	HDL DVT
	V2	HDL DVT
Koramic (Weinerberger)	Actua	HDL DVLPT
	Flemish	HDL DVT
	Modula	HDL DVT
	Old Hollow	HDL DVT
	Tempest	HDL DVT
	Vauban	HDL DVLPT

	Tile type	Product
Lagan	Double Roll	HDL DVT
	Elite	HDL DVLPT
	Flat	HDL DVLPT
	Square Top	HDL DVT
Marley Eternit	Anglia Plus	HDL DVT
	Ashmore	HDL DVLPT
	Duo Modern	HDL DVLPT
	Double Roman	HDL DVT
	Edgemere	HDL DVLPT
	Ludlow Major	HDL DVT
	Ludlow Plus	HDL DVT
	Malvern	HDL DVT
	Maxima	HDL DVT
	Melodie	HDL DVT
	Mendip	HDL DVT
	Modern	HDL DVLPT
	Wessex	HDL DVT
Quinn	Devenish	HDL DVLPT
	Locherne	HDL DVT
	Rathmore	HDL DVLPT
	Western Slate	HDL DVLPT
Redland (Monier)	49 Type	HDL DVT
	Cambrian	HDL DVS
	Cathedral	HDL DVT
	Double Roman	HDL DVT
	Duo Plain	HDL DVLPT
	Fenland	HDL DVT
	Grovebury	HDL DVT

	Tile type	Product
Redland (Monier)	Landmark Double Pantile	HDL DVT
	Landmark Slate	HDL DVLPT
	Mini Stonewold	HDL DVLPT
	Norfolk Pantile	HDL DVT
	Old Hollow	HDL DVT
	Postel	HDL DVT
	Regent	HDL DVT
	Renown	HDL DVT
	Richmond	HDL DVLPT
	Saxon	HDL DVLPT
	Stonewold MkII	HDL DVLPT
Russell	Argyll	HDL DVT
	Cheviot	HDL DVT
	Derwent	HDL DVT
	Double Roman	HDL DVT
	Galloway	HDL DVLPT
	Grampian	HDL DVLPT
	Highland	HDL DVLPT
	Lothian	HDL DVLPT
	Moray	HDL DVLPT
	Pennine	HDL DVT
	Polden	HDL DVLPT
Sandtoft (Weinerberger)	20/20	HDL DVLPT
	Arcadia	HDL DVT
	Balmoral	HDL DVLPT
	Bridgewater	HDL DVT
	Britlock	HDL DVS
	Calderdale	HDL DVLPT
	Cassius	HDL DVLPT

	Tile type	Product
Sandtoft (Weinerberger)	County	HDL DVT
	Double Pantile	HDL DVT
	Double Roman	HDL DVT
	Gaelic	HDL DVT
	Greenwood	HDL DVT
	Lindum	HDL DVT
	Old English	HDL DVT
	Olympus	HDL DVT
	Neo Pantile	HDL DVT
	Rivius	HDL DVLPT
	Shire	HDL DVT
	Standard Pattern	HDL DVT
	TLE	HDL DVLPT

Rafter pitch	Max. valley length	Min. lap length
15 to 17°	10.0m	400mm
17.5 to 22.5°	12.0m	350mm
22.5 to 29°	14.5m	300mm
30 to 34°	15.0m	250mm
35 to 39°	15.5m	200mm
40 to 44°	16.5m	150mm
45 to 49°	17.5m	150mm
50 to 55°	18.5m	150mm

This table is a guide to the recommended application criteria for the Hambleside Danelaw dry fix valley trough range. It assumes a standard roof intersection of 90° and roof drainage area of 100m². For applications other than this, specific advice should be sought from our sales department.

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Valley troughs

Open

Providing drainage channels at the roof valleys, these traditional, pre-formed GRP troughs are perfectly safe to use when wanting to collect rainwater run-off. Designed with a greater capacity, they are a lightweight and cost effective alternative to lead.



Product options



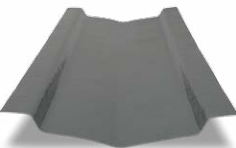
Tile roofs
HDL 361/362



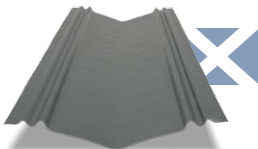
Tile roofs
HDL 401/402



Tile roofs
HDL RP3/RP4



Slate roofs
HDL SVTU/SVT



Scottish slate roofs
HDL SSVT



Product information

Product Code	Dimensions (width x length)
HDL 361	380 x 3000mm
HDL 362	380 x 2400mm
HDL 401	410 x 3000mm
HDL 402	410 x 2400mm
HDL RP3	380 x 3000mm
HDL RP4	380 x 2400mm
HDL SVT	330 x 3000mm
HDL SVTU	360 x 3000mm
HDL SSVT	360 x 3000mm
Certification	BBA 87/1915



Our range of open valley troughs are suitable for roof pitch differentials up to 15°

Profile chart

Open valley troughs



Getting the correct product for the job is vital in our industry. With a huge variety of tile profiles and slate options, roof sizes and pitch variation available, it can be confusing.

To help select the right profile for the right application, please refer to the table below to help with the correct selection.

Roof area less than 25m ²			Roof area from 25m ² to 100m ²		
Rafter pitch	Required Product	Max length	Required product	Max length	Min lap length
17.5 to 22°	401/2, SVTU	7.0m	Not applicable	Not applicable	350mm
22.5 to 29°	RP3/4, 361/2, 401/2, SVT, SVTU, SSVT	7.0m	401/2, SVTU	14.5m	300mm
30 to 34°	RP3/4, 361/2, 401/2, SVT, SVTU, SSVT	7.5m	401/2, SVTU	15.0m	250mm
35 to 39°	RP3/4, 361/2, 401/2, SVT, SVTU, SSVT	7.5m	401/2, SVTU	15.5m	200mm
40 to 44°	RP3/4, 361/2, 401/2, SVT, SVTU, SSVT	8.0m	401/2, SVTU	16.5m	150mm
45 to 49°	RP3/4, 361/2, 401/2, SVT, SVTU, SSVT	8.5m	401/2, SVTU	17.0m	150mm
50 to 55°	401/2, SVTU	9.0m	401/2, SVTU	18.5m	150mm

Our range of open valley troughs are suitable for roof pitch differentials up to 15°. Where there is a pitch differential, the valley trough profile selection should be based on the more onerous requirement of rafter pitch or roof area. The table refers to the standard roof intersection angle of 90°. For applications other than this, specific advice should be sought from our sales department.

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Bonding Gutters®

Our GRP Bonding Gutters® create a successful weather-tight joint between dissimilar roof coverings on semi-detached and terraced houses.

Available in dry fix and traditional options, they can be fitted causing minimum disruption to the neighbouring property and create a close cut, neat appearance.

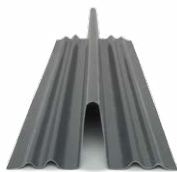


Product options

Dry fix solution for a mortar free roof



Slates, flat and plain tiles
HDL DBG1



Profiled tiles
HDL DBG2

Traditional solution for mortar bedding



All mortar bedding applications
HDL BG

Product information



Product Code	Dimensions (width x length x height)
HDL DBG1	210 x 3000 x 70mm
HDL DBG2	210 x 3000 x 100mm
Certification	BBA 87/1915

Product Code	Dimensions (width x length)
HDL BG	225 x 3000mm
Certification	BBA 87/1915



Soakers

Conti-Soaker™

Our continuous GRP soakers offer a secondary line of protection against wind driven rain where the roof meets an abutment wall. Available in lipped and unlipped options to suit different applications.



Product information

Product Code	Dimensions (width x length x height)
HDL CSS	170 x 3000 x 140mm
HDL CSS (L)	170 x 3000 x 150mm
HDL CST	170 x 3000 x 140mm
HDL CST (L)	170 x 3000 x 150mm
HDL SCSS	160 x 3000 x 200mm
Certification	BBA 87/1915

(L) lipped version



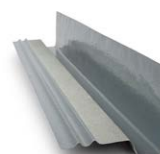
Our Continuous Soakers are available in lipped and unlipped options. The lipped version is fixed directly into the wall, alternatively, the unlipped version is installed with a separate lead or GRP cover flashing, see HDL UACF on page 35.



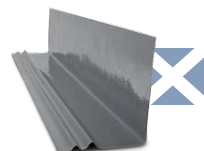
Product options



Slate roofs
HDL CSS



Tile roofs
HDL CST



Scottish slate roofs
HDL SCSS



Soakers

Individual

Our pre-formed dry soakers are quick and simple to install, creating a watertight joint at abutments. Available in both left and right hand options these soakers are manufactured from polypropylene, chosen for its thermal stability and resistance to UV and acid rain.



Tile options

HD MDS



For interlocking flat concrete tiles.

Left hand shown

Size 185(d) x 430(l) x 75(h)

HD DTS



For interlocking plain tiles.

Left hand shown

Size 145(d) x 240(l) x 105(h)

HD SRRS



For interlocking tiles.

Left hand shown

Size 180(d) x 430(l) x 75(h)

HD RTS



For interlocking tiles.

right hand shown

Size 175(d) x 410(l) x 75(h)

HD PCS

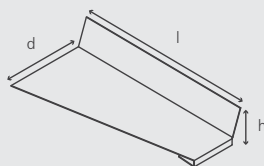


For plain clay and concrete tiles.

Left hand shown

Size 100(d) x 165(l) x 75(h)

Measurements in mm



Slate options

HD RCS



For interlocking slates.

Left hand shown

Size 155(d) x 280(l) x 105(h)

HD SS500



For slates.

Size 100(d) x 250(l) x 85(h)

HD SS600



For slates.

Size 100(d) x 380(l) x 85(h)

Individual soaker compatibility chart

	Tile type	Product
Forticrete	Gemini	HD DTS
	Minislate	HD DTS
Lagan	Elite	HD SRRS
	Flat	HD MDS
Marley Eternit	Ashmore	HD DTS
	Duo Modern	HD MDS
	Edgemere	HD SRRS
	Melbourn	HD RCS
	Modern	HD MDS
Quinn	Devenish	HD RTS
	Rathmore	HD RTS
	Western Slate	HD MDS
Redland (Monier)	Cambrian	HD RCS
	Duo Plain	HD DTS
	Landmark Slate 10	HD RTS
	Mini Stonewold	HD MDS
	Richmond	HD RRS
	Richmond 10	HD RTS
	Saxon 10	HD RTS
	Stonewold MkII	HD MDS
Russell	Galloway	HD RTS
	Grampian	HD MDS
	Highland	HD MDS
	Lothian	HD RTS
	Moray	HD RTS
	Polden	HD RTS

	Tile type	Product
Sandtoft (Weinerberger)	20/20**	HD SRRS
	Balmoral	HD SRRS
	Britlock*	HD RCS
	Calderdale Slate	HD MDS
	Cassius**	HD SRRS
	Duo Calderdale	HD MDS
	Rivius**	HD SRRS
	TLE	HD RTS

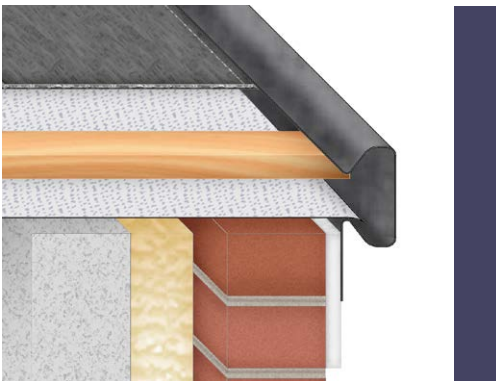
* *subject to a minimum rafter pitch of 30° and minimum headlap of 95mm.*

** *longer than the tiles; the length may be trimmed at the head if required.*

Verge

Continuous for slate

Providing permanent weather protection for slate roof verges, our continuous GRP dry verges can be fitted in all weathers with neat installation, requiring no special components at junctions. The range allows for face fixed or under batten fixed solutions.



Product options



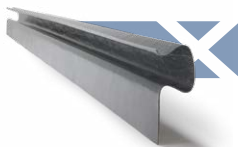
Slate roofs
HDL DV6



Slate roofs
HDL DV8



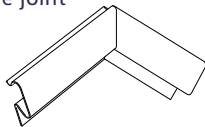
Scottish slate roofs
HDL DV7



Scottish slate roofs
HDL DV9

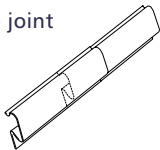
Joint details

Ridge joint



The Verges are cut with a vertical mitre and butt jointed. A lead saddle may be fitted over the joint if required. The ridge tile should be trimmed if necessary to suit.

Verge joint



Where joints in the verge are required along the edge of the roof, they should be overlapped with the lower section fitted over/around the upper section.

Product information

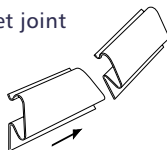
Product Code	Dimensions (length x gap x width)
HDL DV6	3000 x 40 x 35mm
HDL DV7	3000 x 16 x 35mm
HDL DV8	3000 x 55 x 50mm
HDL DV9	3000 x 35 x 40mm



The verge opening gap height is measured from the distance between the top and bottom verge lip. The width is the distance between the gable wall or barge board to the outer face of the verge profile

Sprocket joint

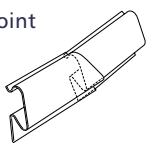
Fig 1.



Slight or gentle sprockets can easily be accommodated by cutting the lower section to a slight rake and fitting over the upper or main verge section.

Sprocket joint

Fig 2.



Note:
These jointing methods are suitable for all of the verge profiles.

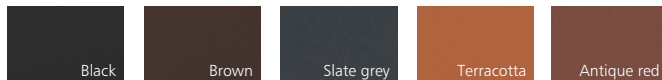
Verge

Interlocking for tile

Prevent weather ingress and mortar degradation at the roof edge with our interlocking dry verge system. With a market leading 355mm maximum batten gauge and clip over design for simple installation, this system is suitable for use on new builds and refurbishments at any roof pitch.



Product colours



Product application

The dry verge system is manufactured for the use with most tile profiles at the roof edge. Features include;

- Designed to minimise water run-off preventing staining on the verge and gable wall
- Angular adjustment to accommodate roof sprockets
- UV stabilised units and colours
- Easy-fit starter unit
- HD TIDV to fit all thin leading edge concrete tiles

Using the HD TIDV thin leading edge unit guarantees the same great benefits as with the standard verge unit.

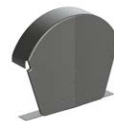
Product options



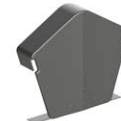
Verge unit
HD IDV



Thin leading edge unit
HD TIDV



Half round ridge cap
HD IDV/HR



Angle ridge cap
HD IDV/AR



Starter unit
HD IDV/ST



Batten end clip
HD IDV/BC



For tile compatibility, see pages 14 and 15.

Tile verge compatibility chart

	Tile type	Product
Double lap products	Plain tiles (all)	N/A
	Slates up to 6mm thick	N/A
	Slates 7mm to 15mm thick	N/A
	Slates 16mm to 22mm thick	N/A
Crest	DS5	N/A
	F12	N/A
	F15	N/A
	G10	N/A
	H10	N/A
	H14	N/A
	H15	N/A
	S9	N/A
	Double Pantile	HD IDV
	Double Roman	HD IDV
	Planum	HD IDV
	Wolds	N/A
Forticrete	Centrurion	N/A
	Gemini	N/A
	Minislate	N/A
	Senator	HD IDV
	V2	HD IDV
Koramic (Weinerberger)	Actua	N/A
	Flemish	N/A
	Modula	N/A
	Old Hollow	N/A
	Tempest	N/A
	Vauban	N/A

	Tile type	Product
Lagan	Double Roll	HD IDV
	Elite	HD TIDV
	Flat	HD IDV
	Square Top	HD IDV
Marley Eternit	Anglia Plus	HD IDV
	Ashmore	N/A
	Duo Modern	HD IDV
	Double Roman	HD IDV
	Edgemere	HD TIDV
	Ludlow Major	HD IDV
	Ludlow Plus	HD IDV
	Malvern	HD IDV
	Maxima	N/A
	Melodie	N/A
	Mendip	HD IDV
	Modern	HD IDV
	Wessex	HD IDV
Quinn	Devenish	HD TIDV
	Locherne	HD IDV
	Rathmore	HD TIDV
	Western Slate	HD IDV
Redland (Monier)	49 Type	N/A
	Cambrian	N/A
	Cathedral	N/A
	Double Roman	HD IDV
	Duo Plain	N/A
	Fenland	HD IDV
	Grovebury	HD IDV

	Tile type	Product
Redland (Monier)	Landmark Double Pantile	HD IDV
	Landmark Slate	HD TIDV
	Mini Stonewold	HD IDV
	Norfolk Pantile	HD IDV
	Old Hollow	N/A
	Postel	N/A
	Regent	HD IDV
	Renown	HD IDV
	Richmond	HD TIDV
	Saxon	HD TIDV
	Stonewold MkII	HD IDV
Russell	Argyll	HD IDV
	Cheviot	HD IDV
	Derwent	HD IDV
	Double Roman	HD IDV
	Galloway	HD TIDV
	Grampian	HD IDV
	Highland	HD IDV
	Lothian	HD TIDV
	Moray	HD TIDV
	Pennine	HD IDV
	Polden	HD TIDV
Sandtoft (Weinerberger)	20/20	N/A
	Arcadia	N/A
	Balmoral	N/A
	Britlock	N/A
	Bridgewater	N/A
	Calderdale	HD IDV
	Cassius	HD TIDV

	Tile type	Product
Sandtoft (Weinerberger)	County	N/A
	Double Pantile	HD IDV
	Double Roman	HD IDV
	Gaelic	N/A
	Greenwood	N/A
	Lindum	HD IDV
	Old English	N/A
	Olympus	HD IDV
	Neo Pantile	HD IDV
	Rivius	HD TIDV
	Shire	HD IDV
	Standard Pattern	HD IDV
	TLE	HD TIDV



Installation guidelines

The following section provides illustrative installation guidelines for a range of our GRP products and the variety of applications in which they can be installed.

For more information please contact our sales team.

sales@hambleside-danelaw.co.uk | 01327 701910



Guidance notes on installation can be found in the following publications:

BS 5534:2014+A1 2015
BBA Certificate No. 87/1915
NFRC Technical Bulletin No. 28

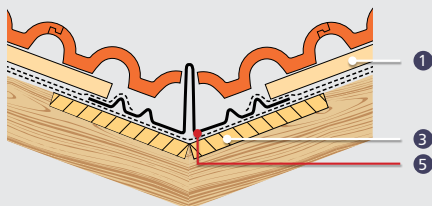
Installation guidelines

Valley troughs

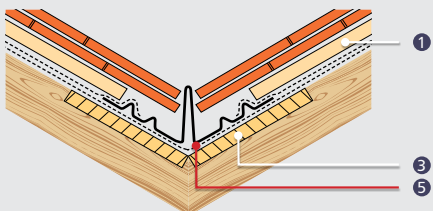
- 1 Batten
- 2 Counter batten
- 3 Valley board
- 4 Sarking board
- 5 Valley trough

-  Rafter
-  Mortar
- Roof underlay
-  Insulation

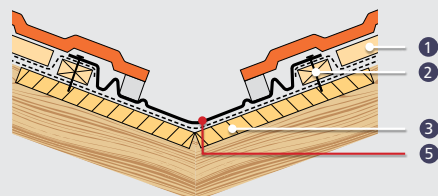
Profiled tile roofs HDL DVT



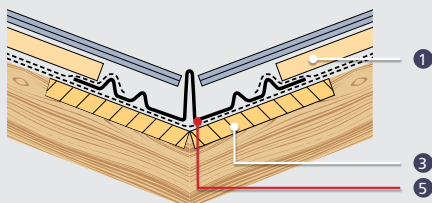
Flat and plain tile roofs HDL DVLPT



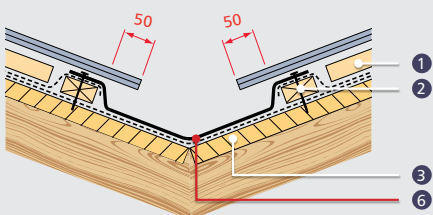
Tile roofs HDL 401/402, 361/362, RP3/RP4



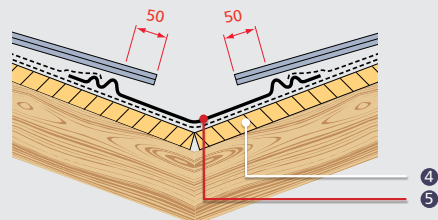
Slate roofs HDL DVS



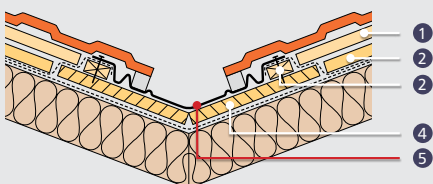
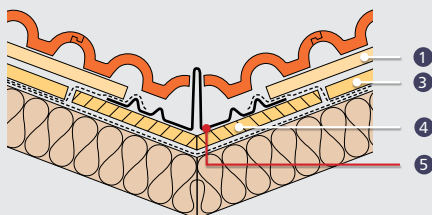
Slate roofs HDL SVTU & SVT



Scottish slate roofs HDL SSVT



Typical warm roof installation



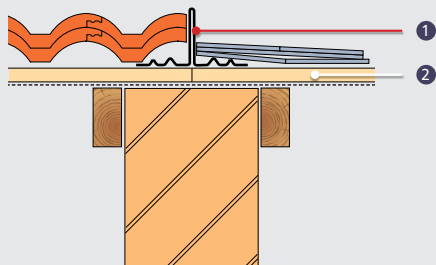
Installation guidelines

Bonding Gutters®

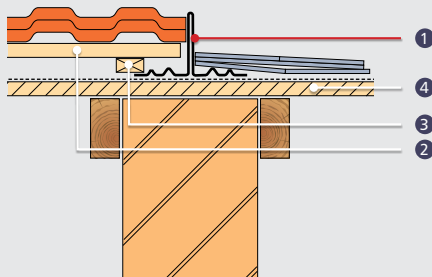
- ① Bonding Gutter
- ② Batten
- ③ Counter batten
- ④ Sarking board

- Rafter
- Mortar
- Party wall
- Roof underlay

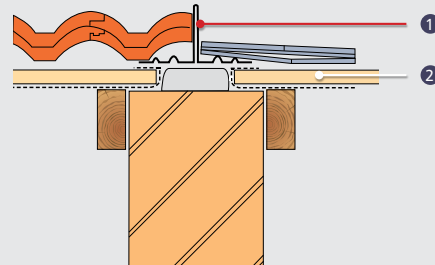
Typical standard installation HDL DBG



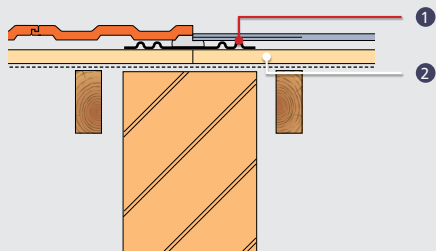
Typical Scottish installation HDL DBG



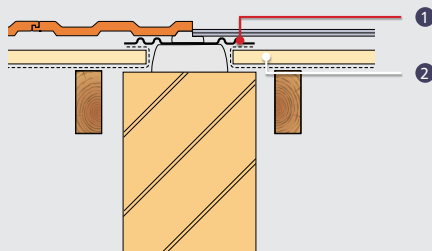
Typical fire break installation HDL DBG



Typical standard installation HDL BG



Typical fire break installation HDL BG



Installation guidelines

Conti-Soaker™

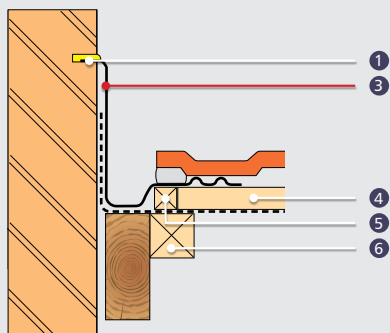
- 1 Lip set in mastic
- 2 HDL UACF*
- 3 Conti-Soaker
- 4 Batten

- 5 Counter batten
- 6 Bearer
- 7 Sarking board
- 8 Render

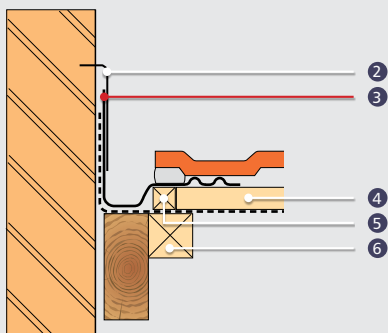
- Rafter
- Mortar
- Masonry
- Roof underlay

*or other cover flashing type

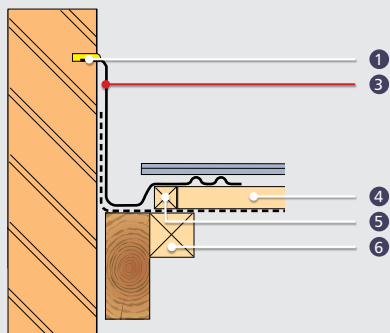
Lipped tile version HDL CST



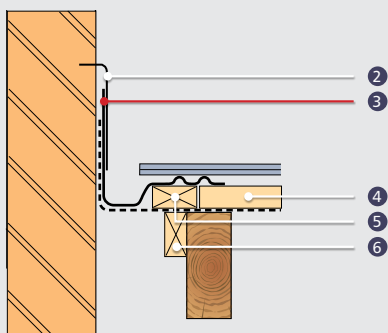
Unlipped tile version HDL CST



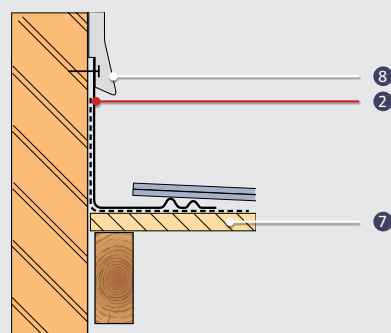
Lipped slate version HDL CSS



Unlipped slate version HDL CSS



Scottish slate version HDL SCSS





Ventilation

There is a wide range of roofing and underfloor ventilation products to suit different applications and construction details, from new build to refurbishment. This includes a range of slate and tile vents which have undergone rigorous independent testing at Birmingham City Laboratories, that can also be used for soil pipe ventilation and a terminal for mechanical extraction.

When upgrading roof space insulation, it is important to consider the effect on the roof and ensure that adequate levels of ventilation are provided or maintained to avoid damage and decay caused by the increased risk of condensation.

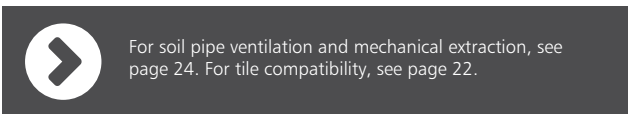
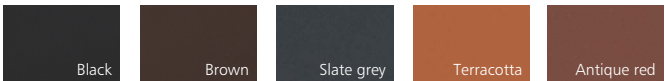
For technical guidance notes on roof space ventilation, please see page 32.

Tile vents

Our flush fitting TV10 and TV15 tile vents are designed to suit all commonly available tile profiles and standard colours, creating an aesthetically pleasing finish. Manufactured from polypropylene for durability and thermal stability, these vents have a non-reflective surface and are UV stabilised to prevent colour loss and embrittlement through age.



Product colours



Product options

HD TV15/1



Ventilation area 15,000mm²

HD TV15/2



Ventilation area 15,000mm²

HD TV15/3



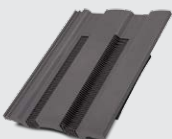
Ventilation area 15,000mm²

HD TV15/4



Ventilation area 15,000mm²

HD TV15/7



Ventilation area 15,000mm²

HD TV10/5



Ventilation area 2,000mm²

HD TV10/6



Ventilation area 10,000mm²

HD TV10/8



Ventilation area 10,000mm²

Tile vent compatibility chart

	Tile type	Product
Lagan	Double Roll	HD TV15/3
	Flat	HD TV15/1
Marley Eternit	Anglia	HD TV10/8
	Double Roman	HD TV15/3
	Ludlow Major	HD TV15/4
	Ludlow Plus	HD TV10/6
	Mendip	HD TV15/2
	Modern	HD TV15/1
Quinn	Locherne	HD TV15/2
	Western Slate MkII	HD TV15/1
Redland (Monier)	49	HD TV10/6
	Double Roman	HD TV15/3
	Grovebury	HD TV15/2
	Landmark Double Pantile	HD TV15/2
	Mini Stonewold	HD TV15/1
	Norfolk & Fenland Pantile	HD TV10/8
	Renown	HD TV15/7
Russell	Cheviot	HD TV15/4
	Double Roman	HD TV15/3
	Grampian	HD TV15/1
	Pennine	HD TV15/2
Sandtoft (Weinerberger)		
	Calderdale	HD TV15/1
	Double Roman	HD TV15/3
	Shire Pantile	HD TV10/8
	Standard Pattern	HD TV10/6

	Tile type	Product
Redbank	Bretton	HD TV15/1

Plain tiles

The HD TV10/5 is a single tile replacement vent suitable for most commonly available plain tile types around 267mm x 168mm or 10.5" x 6.5"

We recommend

Hambleside Danelaw makes recommendations for best practice installation in our Technical Manual. Please contact us for a copy or visit our website.

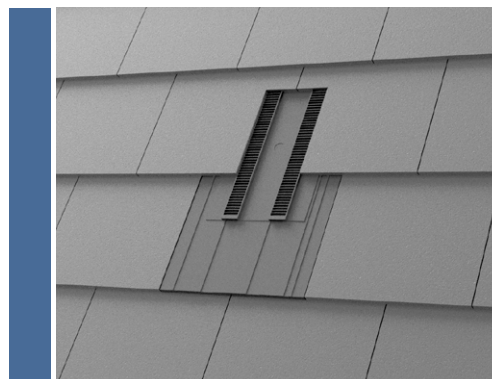
Min. roof pitch	Product
17.5°	HD TV15/1
17.5°	HD TV15/2
17.5°	HD TV15/3
17.5°	HD TV15/4
17.5°	HD TV15/7
22.5°	HD TV10/6
22.5°	HD TV10/8
35°	HD TV10/5

This table guides you on the correct tile vent product for the suitable minimum roof pitch. For applications other than this, specific advice should be sought from our sales department.

sales@hambleside-danelaw.co.uk | 01327 701910

Slate vents

Our range of slate vents are simple to install with minimum cutting of slates and are available in flush fitting and hooded options. Manufactured from black polypropylene, these vents are resistant to UV and acid rain, whilst the through colour material remains stable at temperatures between -40°C to +120°C.



Flush fitting options

This option provides air entry through the roof surface while creating a discreet, neat and aesthetically pleasing finish to the roof scape.

HD ILSRV10/20 & 10/24

Available in both 600 x 300mm and 500 x 250mm slate sizes. No batten cutting is needed with these ventilators.

Airflow

10,000mm²

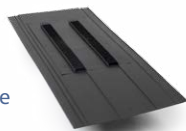
Actual Base size

HD ILSRV10/20

565mm x 290mm to suit
500mm x 250mm slate sizes

HD ILSRV10/24

615mm x 300mm to suit
600mm x 300mm slate sizes



HD ILSRV10U

This universal slate vent is unique and available for use with the following slate sizes:

- 600 x 300mm
- 500mm x 250mm
- 450mm x 230mm

Airflow

10,000mm²

Actual base size

400mm x 454mm
(width) (Length)



Minimum rafter pitch for all vents: 22.5° or 25° depending on head lap.



For soil pipe ventilation and mechanical extraction, see page 24.

Hooded options

HD SRV5U

This universal slate vent is for use with natural and man-made slates. Available in grey to order.

Slate sizes (will fit either)

- 600 x 300mm
- 500 x 250mm*

Airflow

5,000mm²

*Trimming required



HD SRV10U

This universal slate vent is for use with natural and man-made slates.

Slate sizes (will fit either)

- 600 x 300mm
- 500 x 250mm*

Airflow

10,000mm²

*Trimming required



HD SRV680

Large base vent for 'random' slate roofs with a facility for trimming to 600 x 300mm base size.

Airflow

20,000mm²

Actual base size

452mm x 682mm
(width) (Length)



Also available HD SRV680B
Bat access vent option to special order.

Soil and extractor pipe adapters

Our tile and slate roof vents have the option to be adapted and fully utilised for both soil ventilation and mechanical extraction. This is achieved by connecting a specific adapter to the correct vent.

Available as kits with attached connector hose or as pipe adapters only.



Tile vent options

HD TVSPA

Connects standard 110mm pipework to all HD TV15 series. Used for either soil ventilation or mechanical extraction



Airflow
8,000mm²

HD TVSPA - complete kit
HD TVA - tile vent adapter only

HD RSPA

Connects standard 110mm pipework to HD TV10/6 and HD TV10/8 vents. Used for either soil ventilation or mechanical extraction.



Airflow
8,000mm²

HD PCSPA

Connects standard 110mm pipework to all HD TV10/5 vents in pairs. Suitable for soil ventilation only.

Airflow
4,000mm²

HD FPC

Flexible pipe can be used as an extension to all of our soil pipe adapter kits. Suitable for external fit to standard 110mm plastic pipes for soil ventilation and mechanical extraction.



Length
510mm overall

Slate vent options

HD SPA

Connects standard 110mm pipework to 10,000mm² vents. Used for either soil ventilation or mechanical extraction with HD SRV10U and HD SRV10/20 vents.



Airflow
8,000mm²

HD SPA680

Connects standard 110mm pipework. Used for either soil ventilation or mechanical extraction with HD SRV680.



Airflow
8,000mm²

HD ILSPA

Connects standard 110mm pipework to HD ILSRV10/20 and HD ILSRV10/24. Used for either soil ventilation or mechanical extraction.



Includes blanking plug for unused spigot.

Airflow
8,000mm²

HD ILSPA - complete kit
HD ILA - tile vent adapter only

HD ILSPA

Connects standard 110mm pipework to the HD ILSRV10U vent. Can be used for soil ventilation or mechanical extraction.



HD ILSPA - complete kit
HD ILAU - tile vent adapter only

Ridge and hip

Dry fix system

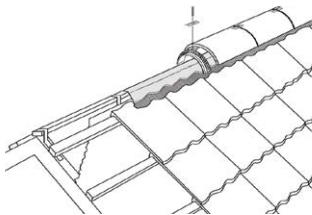
Our universal RollOut ventilation system provides for full mechanical fixing of ridge and hip tiles, compliant with the requirements of BS5534 and BS5250. The ventilated membrane has broader corrugated adhesive edge strips, designed to accommodate a greater range of roof pitches and ridge and hip tile types than others on the market.

Product information

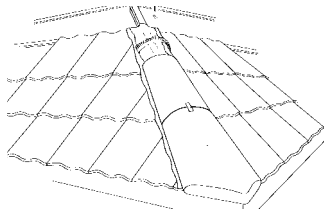
Product Code	Length
HD CON3	3000mm
HD CON6	6000mm

Product application

The universal design of our RollOut system is suitable for both ridge and hip applications.



Typical ridge installation detail.



Typical hip installation detail showing optional GRP hip tray.



Product components



Rollflex



Ridge strap



Fixing plates and screws



Gasket

Our unique, patented gasket features weatherproof, continuous integrated water channels and self-sealing detail for the 100mm stainless steel fixing screws, giving improved long term reliability and eliminating the need for additional sealing washers.

Optional components

Hip tray

Universal hip trays provide quick and easy alignment of hip tiles. Available in 1.65m code: [HDL HT165](#) and 3m code: [HDL HT300](#).

Tile clip

Available for connecting small cuts of interlocking tiles on all dry fix hip & valley systems code: [HD DVC](#).

Soffit, fascia and eaves

Soffit and fascia

Our soffit and fascia product range provides roofspace ventilation at the lowest level of the roof line. All grille and mesh sizes are designed in accordance with the recommendations within BS5250. These vents help to avoid excessive airflow resistance and prevent the ingress of birds and large insects.

Our soffit vents permit entry of air into the roofspace for most eaves details. When fitted on opposite sides of a rectangular roof structure they will satisfy the requirements of the Building Regulations.

HD 8000



Lightweight, easy to handle and fix strips. Will support soffit boards between 4mm and 10mm in thickness, up to 300mm wide without additional noggins; provides well in excess of the minimum required airflow. Ideal for new build applications.

Airflow (per m) 10,000mm² **Length** 2400mm

Colours
White and brown

HD 8210

This vent is designed for use with sloping soffit situations, and may be butted up to brickwork when used without a soffit board. Can also be used in no fascia situations, or at high level on a mono pitch roof.



Airflow (per m) 10,000mm² **Length** 2400mm

Colours
White and brown

Corbel vent HD 8310

Provides air ventilation at eaves level where a continuous masonry corbel of brick, or stone is constructed. The base at the rear of the ventilator has a dovetail anchoring slot which enables security ties to be positively attached at any position to suit the corbel masonry joints.



Airflow (per m) 10,000mm² **Length** 2400mm

Circular soffit vent HD 7000



These vents, when introduced into existing unventilated soffit boards in refurbishment projects, will permit entry of air into the roof-space.

They are easily fitted into pre-drilled 70mm diameter holes. Standard flyscreen conforms to regulation requirements.

Airflow
2,500mm²

Fitted at 250mm centres
Provides 10,000mm² per m

Colours
White, brown, light oak and black.

Over fascia vent HD 12000U & HD 12000M

These vents provide a through-flow of ventilating air over the fascia board in both new build and refurbishment details.



Both options conform to standard flyscreen regulation requirements. Rounded front sections prevent blocking of airflow from overlapping underlay.

The HD 12000U features a unique two stepped fixing position to allow for use on roofs above and below 15° pitch. Reinforced nailing guides ensure accurate fixing.

Airflow (per m)
HD 12000U
25mm position 25,000mm²
10mm position 10,000mm²

HD 12000M
10,000mm²

Length
1000mm

HD 12000U fitting options

25mm Airflow position **10mm** Airflow position



Soffit, fascia and eaves

Eaves panels

Our eaves panel vents are specifically designed to help maintain a consistent flow of air into the roof space. Positioned between rafter centres, these vents are used to ensure that there is always a clear airway above the insulation layer, thereby preventing any build up of moisture.

Universal panel vents HD 6000, HD 4500 & HD 4000

To be used when the roof pitch is either below 15° or above 15°.

Available in three sizes to fit most rafter spacings; formed with ribs to ensure felt cannot drape into the panel and block airflow.

Available in 3 widths to suit 400mm, 450mm and 600mm rafter centres.

Airflow	Per panel	Per metre
HD 6000	16,000mm ²	29,090mm ²
HD 4500	12,000mm ²	30,000mm ²
HD 4000	9,000mm ²	25,714mm ²



Single flyscreen +15° pitch HD 6050, HD 4550 & HD 4050

For open eaves details, protruding flyscreen with recommended 4mm slots.

Available with a single row of slotted screen protection. These panels, when fitted to every rafter centre will provide the regulation requirement of a continuous 10mm gap at the eaves.

Available in 3 widths to suit 400mm, 450mm and 600mm rafter centres.

Airflow	Per panel	Per metre
HD 6050	6,843mm ²	12,441mm ²
HD 4550	5,132mm ²	12,830mm ²
HD 4050	4,474mm ²	12,782mm ²



Double flyscreen -15° pitch HD 6025, HD 4525 & HD 4025

For open eaves details, protruding flyscreen with recommended 4mm slots.

Available with double rows of slotted screen protection. These panels, when fitted to every rafter centre will provide the regulation requirement of a continuous 25mm gap at the eaves.

Available in 3 widths to suit 400mm, 450mm and 600mm rafter centres.

Airflow	Per panel	Per metre
HD 6025	13,786mm ²	25,665mm ²
HD 4525	10,264mm ²	25,660mm ²
HD 4025	8,948mm ²	25,565mm ²



Soffit, fascia and eaves

Eaves ventilation

To ensure adequate ventilation is maintained for the life of the building at the eaves, guarantee best practice during construction with these products.

Universal refurbishment tray vent HD URT



Installed into the eaves of a completed and traditionally constructed roof. Inserted to ensure that insulation blockage of the path of air necessary to ventilate the roof space does not occur.

To be used either as a single panel to rafter centres of 450mm or below 450mm by trimming the panel to suit. For rafter centres between 450mm and 600mm the panel can be extended by cutting a second panel in half and connecting the two.

Airflow (per m)
25,000mm²

Roll panel vent HD 5000

Prevents insulation blockage at eaves and allows high levels of cross flow ventilation - eaves to eaves. Use in conjunction with the Hambleside Danelaw range of soffit ventilators to achieve full eaves to eaves airflow.

Universal rafter centre fitting capability. Conforms to 10mm and 25mm opening requirements.

Airflow (per m)
25,000mm²

Dimensions (width x length x height)
310 x 6000 x 50mm



3 in 1 ventilator pack HD 3025VP



This vent pack provides complete ventilation and a support system, giving additional protection to the fascia detail of all roof types.

A unique feature of this system is the universal over fascia vent with two fixing positions that adapt to 10mm and 25mm airflows areas.

Installation of the HD 3025VP is straightforward. The over fascia vent is fitted to the top edge of the fascia board, in either of the two stepped positions, to suit the required level of airflow and the roll panel and underlay support tray are then installed.

The underlay support tray is placed on top of the over fascia vent and nailed into place through holes provided in the over fascia

vent. It is then nailed at the top edge of the tray through the roll panel if required and into the rafter.

Consecutive trays are lapped by 50mm using the raised locators formed into the tray sides. The underlay support tray forms the drip into the gutter.

Airflow (per m)
25mm position 25,000mm²
10mm position 10,000mm²

Pack components

1 x 6000mm	HD 5000
10 x 600mm	HD 3000
6 x 1000mm	HD 12000U

The HD 3000VP pack for 10,000mm² airflow only is also available. Contact us for details.



For more information on the HD 3000, underlay support tray, see page 36.

Cavity and underfloor

Airbricks and sleeves

Our range includes typical products used to ventilate through wall cavities and underfloor spaces. All made from polypropylene to ensure durability and peace of mind.

Combination brick vent HD 9300



These standard brick size vents permit high levels of ventilation through walls while also protecting from driving rain and large insect ingress. When used with the HD 9600M they provide entry of air into underfloor voids of suspended floors.

The bricks can be clipped together for 220 x 150mm or 220 x 225mm combinations.

Airflow (per unit)
7,000mm²

Dimensions (width x depth x height)
220 x 73 x 60mm

Colours
Black, terracotta, buff and brown - other colours to special order.

Gas vent grille HD 9300G

This vent meets with the aperture grille requirement of BS5440-2:2000, section 4:1:1:2. (Prevents the entry of a 10mm diameter ball, but allows entry of a 5mm diameter ball.)

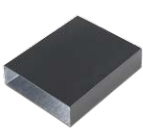
Airflow (per unit)
7,500mm²

Airbrick vent sleeves HD 9350/1, HD 9350/2 & HD 9350/3



These semi rigid sleeves are designed to ventilate through a standard cavity wall.

Accommodates the 'clip-together' facility of the HD 9300 air brick to achieve one, two or three brick fitting to suit the application.



HD 9350/1



HD 9350/2



HD 9350/3

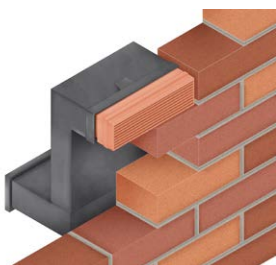
Product Code	Dimensions (width x length x height)
HD 9350/1	217 x 280 x 61mm
HD 9350/2	217 x 280 x 134mm
HD 9350/3	217 x 280 x 210mm

Cavity and underfloor

Telescopic vents and airbricks

Our range includes typical products used to ventilate through-wall cavities and underfloor spaces. All made from polypropylene to ensure durability and peace of mind.

Telescopic underfloor vent HD 9600M



Use with

The HD 9600M can be used with optional products to suit different applications.

Factory fitted vermin screen
HD 9600B

Separate cavity tray attachment
HD 9600CT



HD 9600B



HD 9600CT

Designed to be used where the external vent aperture is required to be at a higher level than the underfloor void. The telescopic design gives adjustment from 3 to 5 course height of brickwork (down to 2 if trimmed).

Airflow (per unit)
7,000mm²

Vertical extension sleeve HD 9610/2

A two course vertical extension sleeve for the HD 9600M. It can be used in multiples to achieve any desired height.



Horizontal extension sleeves HD 9660T & HD 9660M

Designed to extend the reach of the underfloor vent for varying cavity and wall leaf widths.

Top extension sleeve

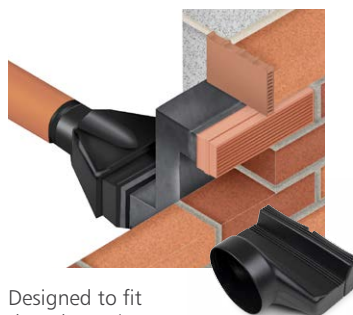
HD 9660T 140mm long for an outer leaf width up to 170mm.

Bottom extension sleeve

HD 9660M 155mm long for an inner leaf width up to 215mm.



Square to round adapter HD 9620



The adapter has an asymmetric design, suitable for use immediately below pre-cast concrete floors.

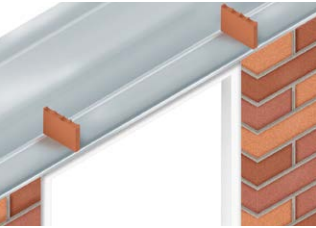
Designed to fit the telescopic vent to enable standard 110mm plastic pipes to be connected to allow ventilation to remote underfloor voids.

Cavity and underfloor

Weep vents and lintels

Prevent moisture build up in cavities with our range of weep ventilation products and lintel stop ends, designed for use in traditional and timber framed construction. All made from polypropylene to ensure durability and peace of mind.

Universal weep vent HD 9500



These weep vents provide ventilating air into the cavity. When used in conjunction with cavity tray detailing, allows moisture permeating the cavity area to be returned to the outside.

Ideal for all standard detailing - window/door lintels or with airbricks for underfloor/through cavity venting. Louvre grilles prevent ingress of insects and driven rain.

These vents are suitable for traditional build and timber frame construction.

Airflow (per unit)
260mm²

Colours

White, black, buff, terracotta, brown, grey and translucent.



Perp weep HD 9100

Allows for the release of moisture above lintels and cavity trays.

Size

Height = 70mm
Length = 100mm

Colours

Buff, terracotta and translucent.



Perp extension HD 9200

Clips to the HD 9100 singularly or in multiples to accommodate different outer leaf constructions - e.g. render of different thicknesses.

Size

Height = 70mm
Length = 30mm



Lintel stop end HD 9800



- Adjustable to most shapes and types of lintels for a secure fit.
- Ensures consistent and compliant build detail.
- Integral bonding strip on the base.

For use at the ends of most popular DPC steel lintels. They provide a stop end preventing discharge of water into the cavity. Lintel stop ends can be applied to a range of cavity trays.

Technical guidance and regulations

Roof ventilation

Ventilation to negate the effects of condensation in roofs is essential to comply with Building Regulations, Building Standards and British Standards. Ventilation openings should be provided on the longer sides of rectangular roofs and designed to prevent the ingress of rain, snow, birds and large insects. Minimum mesh/grille sizes should not be smaller than 4mm to avoid excessive airflow resistance. Particular attention should be paid to potential restrictions at changes in roof slope or changes in constructional details and at junctions with walls. The Hambleside Danelaw range of ventilation products is manufactured to enable compliance with all current technical requirements and standards.

Building regulations - the requirements

Approved Document C2 (2004 Edition including 2010 and 2013 amendments) requires that roofs be designed and constructed so that their structural and thermal performance are not adversely affected by interstitial condensation.

This requirement will be met if the roof is designed and constructed in accordance with Annex H of BS 5250:2011 'Code of practice for control of condensation in buildings' and BS EN ISO13788:2012 'Hygrothermal performance of building components and building elements. Internal surface temperature to avoid critical surface humidity and interstitial condensation. Calculation methods.' Further guidance is given in BRE Report BR262 'Thermal insulation: avoiding risks', 2002 edition.

To avoid excessive moisture transfer into roof voids, gaps and penetrations for pipes and electrical wiring should be filled and sealed, particularly in areas of high humidity such as kitchens and bathrooms and an effective draught seal should be provided to loft hatches to reduce the inflow of warm air and moisture. Vapour control layers can reduce the amount of vapour entering roof voids but cannot be relied on as an alternative to ventilation. A complete barrier to moisture is needed for this.

Scottish Technical Handbooks section 3.15 requires that dwellings shall be so constructed as to protect the building and its users, so far as may be reasonably practicable, from harmful effects caused by surface and interstitial condensation. Both these requirements are deemed to be satisfied by following the guidance given in BS 5250.

BS 5534:2014+A1:2015 Slating and Tiling for Pitched Roofs and Vertical Cladding - Code of Practice recommends that roof ventilation be provided in accordance with BS 5250.

Cold roofs with a pitch of 15° or more

Pitched roof spaces should have ventilation openings at eaves level (Fig. A) on opposite sides of the structure at least equal to an opening of 10mm wide and running the full length of the eaves to promote cross ventilation. For roof pitches above 35° or spans in excess of 10m, additional high level ventilation at or close to the ridge equivalent to a continuous opening of 5mm should be provided.

A pitched roof that has a single slope or abuts a wall (Fig. F) should have ventilation at high level equal to a continuous opening of 5mm wide in conjunction with an opening of at least 10mm wide at the eaves.

High level ventilation should never be used on its own as the wind suction effect created will increase water vapour transfer into the roof void.

Pitched roofs where part or all the insulation follows the pitch of the roof (Fig. C) should have ventilation openings on opposite sides of the structure at least equal to a continuous opening of 25mm wide. In addition, such structures require ventilation at or close to the ridge equivalent to a continuous opening of at least 5mm. The void between the underside of the roof covering and the insulation should have a free air space of at least 50mm. In this application, a vapour control layer should also be provided on the warm side of the insulation.

Cold roofs with a pitch of less than 15°

Roof spaces in low pitched and flat roofs should have ventilation openings at eaves level (Figs. B, D, E) on opposite sides of the structure at least equal to an opening of 25mm wide to promote cross ventilation. Roof voids should have a free air space of at least 50mm between the roof deck or underside of the roof covering and the insulation.

Mono pitched roofs should be provided with ventilation of at least the equivalent of a 25mm continuous opening at eaves and 5mm at the ridge.

Warm roofs

Condensation should be controlled by ventilation beneath the underlay and above the insulation by the provision of a 25mm wide continuous ventilation opening or equivalent at eaves or low level and a 5mm continuous ventilation opening or equivalent at the ridge or high level. The space between the underlay and the insulation should be at least 50mm deep with a minimum of 25mm at the centre of the underlay drape. A well sealed ceiling and separate vapour control layer should be used on the warm side of the insulation.

Vapour permeable underlays

BS 5250:2011 provides recommendations and alternative approaches when using vapour permeable or 'Low Resistance' (type LR) underlays that when followed, can achieve compliance with Building Regulations. Caution should be taken when proposing to use VPU's and reduce ventilation levels on re-roof & refurbishment projects.

Horizontal Insulation:

With slated or tiled roofs containing horizontal insulation over a horizontal ceiling, the use of an LR underlay with unsealed laps can allow for a reduction in the area of roof ventilation openings providing that the roof covering can be determined as sufficiently air open in accordance with Annex L of BS 5534:2014 but with equipment designed to measure low pressure differences down to 2 Pascals. On buildings 'typical' of housing, with insulation at ceiling level and with the LR underlay laid above or below counterbattens or onto open jointed sarking boards, the requirement is for low level continuous equivalent ventilation openings that may be reduced from 10mm to 7mm for a 'normal' ceiling and 3mm for a well sealed ceiling as defined in BS9250:2007. For larger roofs of this type, such as supermarkets, schools, hospitals etc., the minimum equivalent opening remains at 10mm for a normal ceiling but may be reduced to 5mm for a well sealed ceiling with an additional continuous 5mm opening at high level.

Where continuous boarding or close jointed sarking boards are used under the slates or tiles, an LR underlay should be treated as a 'High Resistance' (type HR) and ventilation should always be provided to the roof space below the underlay. When an existing roof is being recovered, it may be impossible to achieve a ceiling that is as well sealed as in new build therefore caution must be taken and

consideration given to providing the equivalent to at least a continuous 7mm opening or the addition of the equivalent to a continuous 5mm opening at high level.

Most proprietary low level ventilation products that provide an area equivalent to a 10mm continuous opening will easily satisfy all of the reduced ventilation requirements. BS 5250:2011 does not cover situations where it is proposed to provide no ventilation in cold roof applications. In such cases, all of the conditions and requirements of independent technical approval certification (e.g. BBA) should be met.

Inclined Insulation:

Slated or tiled roofs that are air open containing inclined insulation above inclined ceilings may be constructed without ventilation if an LR underlay is used that can either be laid fully supported on the insulation or draped and unsupported. It is essential to provide a well sealed ceiling in accordance with BS 9250:2007 and a separate vapour control layer.

If there is any doubt about the ability to provide and maintain an effectively sealed vapour control layer then ventilation should be provided as if the underlay was impermeable or an HR type in accordance with the section headed 'Warm Roofs'.

With this type of construction, an effective vapour control layer of high vapour resistance, sealed at the laps and at all roof details, e.g. hips, valleys, ridges, abutments, firewalls and around all penetrations created by services, etc., should be provided. The designer should be sure that the vapour control layers and/or insulation can be installed and maintained air tight for the design life of the building.

Fire performance of roof ventilation products

In general, and for the purposes of Building Regulations requirement B4, small plastic components such as slate and tile ventilators and soil pipe penetrations that occur on the surface of the roof and jointing and ventilation strips that appear at ridges, hips and soffits are regarded as insignificant and are therefore not covered in Approved Document B and can normally be ignored.

Underfloor ventilation

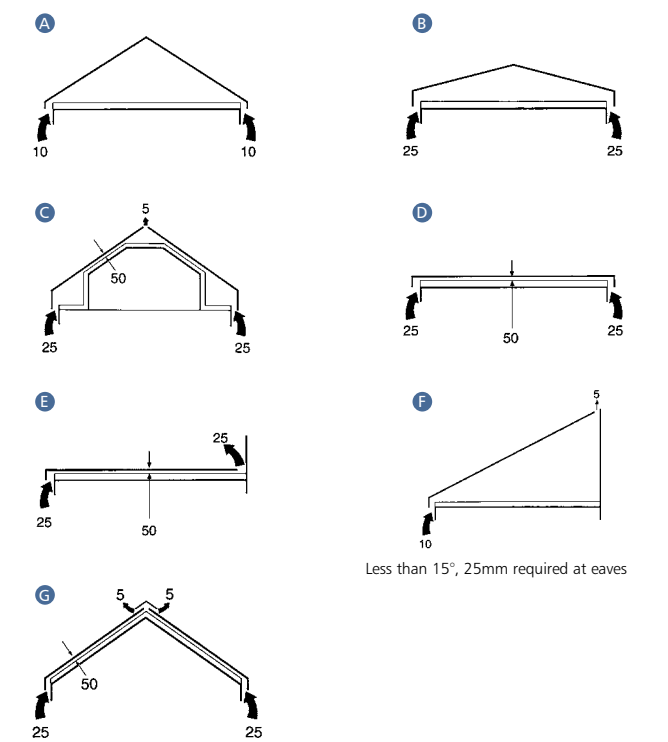
Suspended Floors at Ground Level

Any suspended floor next to the ground will meet the requirements of Building Regulations Approved Document C, Scottish Technical Handbook 3.4 and BS 5250:2011 Annex F provided that:

- a) the ground is covered so as to resist moisture and prevent plant growth and;
- b) there is a ventilated air space between the ground covering and the floor construction of at least 150mm and;
- c) there are damp-proof courses between the floor construction and any material that can carry moisture from the ground.

Two opposing external walls should have ventilation openings placed so that the ventilating air will have a free path between opposite sides and to all parts. The openings should be large enough to give an actual opening of at least equivalent to 1500mm² for each metre run of wall or 500mm² per m² of floor area whichever gives the greater opening area, this opening area also being provided in internal sleeper walls or similar obstructions to maintain the underfloor ventilation. Any pipes needed to carry this ventilating air should have a diameter of at least 100mm.

The illustrations below reflect the basic ventilation requirements which would normally be applicable. For additional information please refer to the current Building Regulations and appropriate British Standards. Dimensions in millimetres



As a general guide to assist in choosing the correct products, first identify the type of roof detail from the typical examples A to G illustrated, then select the combination of products from the range to achieve full cross flow ventilation in accordance with the Building Regulations.

	A	B	C	D	E	F	G		A	B	C	D	E	F	G
HD 12000U	●	●	●	●	●	●	●	HD 6000	●	●	●			●	●
HD 12000M	●					●		HD 4500							
HD 8000	●					●		HD 4000							
HD 8210	●					●		HD 6050	●					●	
HD 7000	●					●		HD 4550							
HD 8310	●					●		HD 4050							
HD 5000	●	●	●			●	●	HD 6025		●	●			●	
HD URT	●	●	●			●		HD 4525							
								HD 4025							

These products can be found in the soffit, fascia and eaves section.



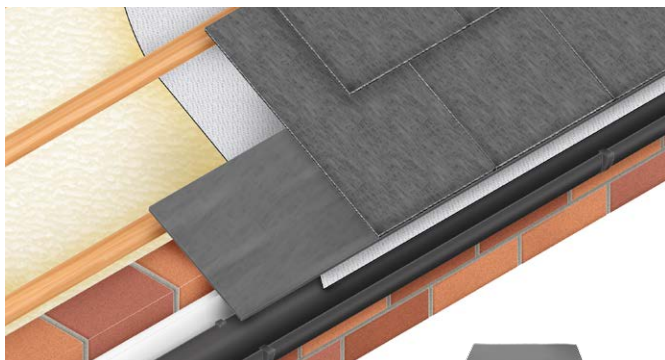
Ancillary products

Our ancillary products are designed to save time on site by utilising cost effective materials to reduce skills and tools required for installation. Check out the range as there are products for all aspects of the roof detailing.

Ancillary products

Roofing ancillaries

Continuous eaves course HDL CECS



Our continuous GRP eaves course is designed to replace the need to cut slates to form the first support eaves course. For fast installation, offering savings in both time and materials.

Dimensions (width x length)
355 x 3000mm

Universal abutment cover flashing HD UACF

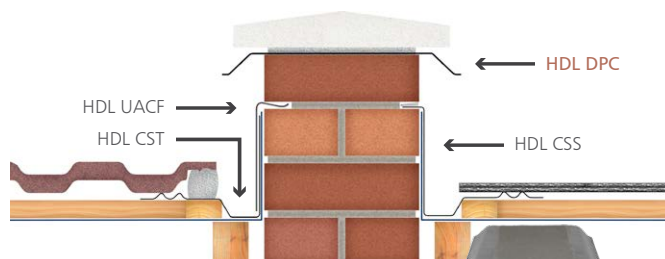


A continuous GRP cover flashing in standard lead grey colour as an attractive and cost effective alternative to lead for all roof abutments.

Easily trimmed on site to suit the application, whether directly into brick, render or as a stepped finish.

Dimensions (width x length x height)
45 x 3000 x 150mm

Damp proof course HDL DPC



Our GRP damp proof course incorporates a wide mortar bonding strip. It has been specifically developed for sloping parapet wall applications up to 240mm thick.

Dimensions (width x length)
310 x 2400mm

Ancillary products

Underlay and roofspace ancillaries

Rigid underlay support tray HD RFST



This underlay support tray can be used in conjunction with either traditional soffit strip ventilator configurations (HD 8000 and HD 8250) or with over fascia ventilators (HD 12000M or the HD 12000U).

Length
1500mm

Ideally suitable for eaves refurbishment details, this rigid unit provides an immediate and cost effective solution to situations where damage to the underlay has occurred.

Underlay support tray HD 3000



The support tray can be fixed with either the HD 12000M, HD 12000U or directly to the top of the fascia board.

Coverage
600mm per panel

Our underlay support tray provides full support and eaves protection for roofing underlay at eaves level.

Combines to provide drip into guttering while clipping trays together offers universal rafter spacing. Hinged at fascia to prevent panel distortion on low pitches.



Underlay lap vent HD ULV

Shallow and tapered design to fit between the overlaps in the roofing underlay below the tiles or slates to introduce ventilation openings.



The HD ULV is retrofitted to reduce condensation in the roofspace. Simple for anyone to fit from inside the loft by simply inserting between the overlaps of underlay.

Airflow (per panel)
2,280mm²

Loft access trap doors HD TRAPPU & HD TRAPDD

Loft access trap doors provide straightforward access through ceilings into loft spaces. Easy to install, maintenance free, with no need to paint and offers an integral draft/vapour seal.

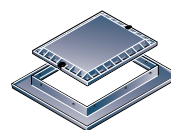
Push up version is fitted with two catches to provide secure closing and prevent uplift. The hinged version is suitable for use with a telescopic loft ladder.

Sizes

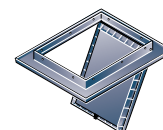
All models meet or exceed the NHBC minimum opening size of 520mm in any direction and suit 600mm joist centres. They can be used with other joist centres by cutting a joist and trimming the opening in an approved manner.

Note

For lockable loft access doors please contact our sales office.



HD TRAPPU



HD TRAPDD



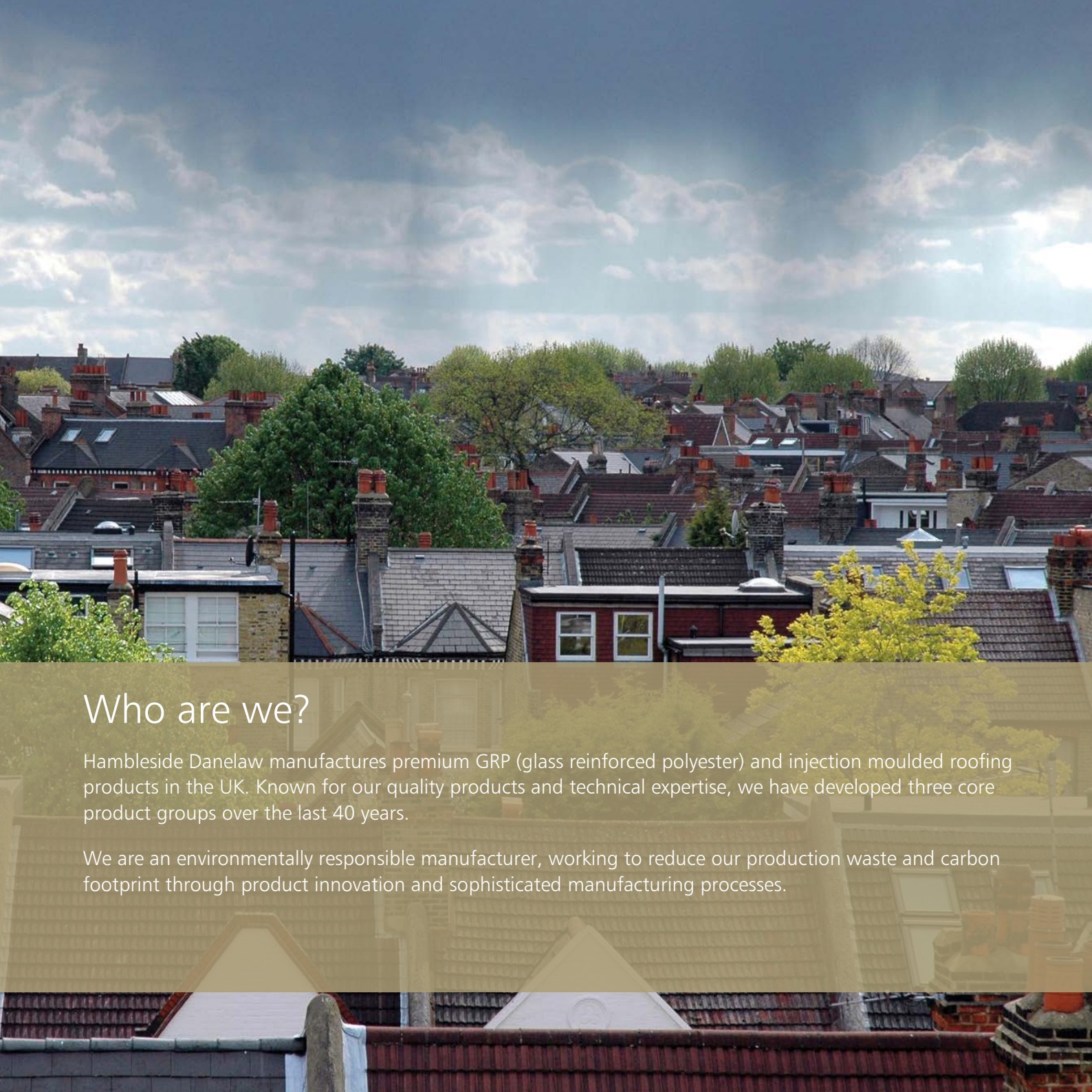
HD TRAPDDF

Also available

HD TRAPDD 35
0.35W/m²K rated Drop Down

HD TRAPPU 35
0.35W/m²K rated Push Up

HD TRAPDDF
Steel option, fire rated to class 0



Who are we?

Hambleside Danelaw manufactures premium GRP (glass reinforced polyester) and injection moulded roofing products in the UK. Known for our quality products and technical expertise, we have developed three core product groups over the last 40 years.

We are an environmentally responsible manufacturer, working to reduce our production waste and carbon footprint through product innovation and sophisticated manufacturing processes.

Other products

We don't just do Roofing and Ventilation products here at Hambleside Danelaw.

Our 40 years of expertise in the construction industry has also seen us develop Zenon, our low carbon GRP in plane rooflights and Dryseal, our GRP low pitch and flat roofing system.



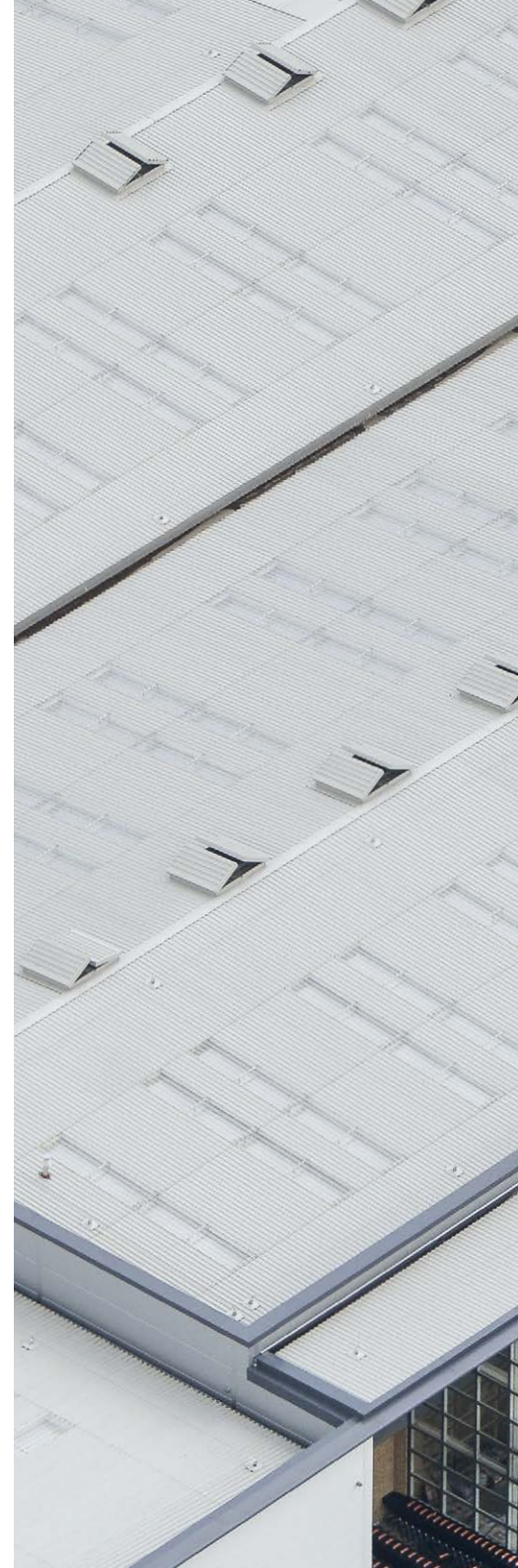
Zenon Rooflights

Our low carbon Zenon in-plane, barrel vault and standing seam rooflights for the metal building envelope includes award winning Zenon Evolution rooflights and unique Insulator honeycomb core, increasing natural daylighting and thermal performance of industrial buildings.



Dryseal Flat Roofing System

Our Dryseal flat and low pitched roofing system is installed UK wide by our trained and approved network of contractors. The factory manufactured GRP component based system is unique and is backed up by an independent 20 year insured guarantee and 'Zero Falls' BBA certification.





The environment is something we seriously care about, our mission is to reduce the impact of our operations on the environment wherever we can. This covers our day to day activities such as warehousing and distribution, sales and administration as well as our manufacturing activities.

We also consider the environment when printing our literature, carefully choosing printers with fantastic green credentials. This brochure was printed by Seacourt Ltd.



Additional support

Here at Hambleside Danelaw, we pride ourselves in excelling at customer service with fantastic internal and external sales teams.

We appreciate roofing can be a complex industry to get to grips with. For this reason we look to offer our support at every stage of the planning and installation for our customers.



We believe that we are technical experts with unrivalled knowledge of our industry and the products used day to day by all.

We are able to provide comprehensive technical advice and support for on our product applications for both specifiers and clients. This support includes technical training, product selection advice and installation guidance including site visits where appropriate or required.

Much of the product range is covered by CAD support which provides technical details and drawings for our Roof Flashings and Ventilation, Dryseal and our wide range of Rooflight products.

We support the building professional in the specification process through:

- CAD drawings available from our website
- BIM components
- NBS Plus Specification data
- Product technical support
- Comprehensive UK sales representation

Where to find everything

On our website, you can find a range of technical documents, additional brochures and links to external sites such as Bimstore, Fastrack CAD and Barbour Product Search.

www.hambleside-danelaw.co.uk

