



ROOFING & VENTILATION

PRODUCT GUIDE

OCTOBER 2020

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**Danelaw**[®]

ABOUT DANELAW



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

Today all our products are manufactured to BS EN ISO 9001 and ISO 14001 Environmental Standards, whilst operating to BS OHSAS 18001 Occupational Health and Safety Standard.

ACCREDITATIONS & CERTIFICATIONS



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Where shown, products contains recycled material

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More information

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Where to find everything

For more information on our product range and our policies or us as a company, please visit our website:

www.hambleside-danelaw.co.uk

For marketing queries, please contact:
marketing@hambleside-danelaw.co.uk

See page 45 for your Area Sales Managers

Hambleside Danelaw reserve the right to amend specifications without prior notice. Full Terms and Conditions of Sale are available upon request.

NEW PRODUCTS

INVERG®



PLAIN TILE DRY-FIX ROOFING SOLUTION

HD INVERG

The Interlocking Dry Verge System for plain tiles has been manufactured to prevent weather ingress and avoid reliance on mortar at the roof edge. Compatible with most machine-made single & double cambered concrete and clay plain tile types. Suitable for use on new build or refurbishment.

InVerg® Plain Tile Interlocking Dry Verge System

15
YEAR
GUARANTEE

- Elegant, and discreet with excellent kerbside appeal - specifically designed to retain the effect of a traditional plain tile verge finish.
- Quick to install and reliable in service.
- Suitable for most machine-made single and double cambered clay and concrete plain tiles.
- Unique patented design to offer improved weather and wind resistance without reliance on mortar.
- Fully compliant with BS8612 allowing the installation of a complete dry fix plain tiled roof.
- Designed to minimise staining on the edge of the verge and gable end.
- Unique top edge profile preserves/ maintains the stepped tile course appearance.
- Two-tiles-at-once feature and unique mounting bracket offer a considerable saving in time.
- Smooth lap joint improves the overall appearance.
- Eliminates the need for any tile undercloak and completes the finish at the gable.
- Suitable for all plain tile batten gauges from 88mm to 104mm.
- Simple, easy and quick to fit eaves retaining bracket.
- Available in a range of colours with matching ridge end caps to suit.
- 15 year service life guarantee.
- The HD INVERG dry verge system provides a fixing for the verge tiles for use in the wind zones 1 to 5 in accordance with BS 8612:2018 Table C.1.

Product code	Product name	Colours
HD INVERG	Verge unit (left or right hand)	Black, Slate Grey, Dark Brown, Antique Red, Terracotta
HD IPTDV/HR	Half-round ridge end cap	Black, Slate Grey, Dark Brown, Antique Red, Terracotta
HD IPTDV/AR	Angle ridge end cap	Black, Slate Grey, Dark Brown, Antique Red, Terracotta
HD INVERG/EB	Eaves Bracket	Galvanised steel
HD IDV/BC	Batten End Clip	Galvanised steel

PATENT PENDNG GB11911327.3

NEW PRODUCTS

MONO6+



THE UNIQUE MONO RIDGE SYSTEM

HD MONO6+

MONO6+ is a universal ventilated dry fix ridge system that can be used with all commonly available mono ridge tile types. MONO6+ can be fitted to all roof pitches* with no special tools required. The unique MONO Uni-Ridge Gasket adds flexibility and allows compatibility with most mono ridge tile profiles.

MONO6+ Dry Fix Ridge System

15
YEAR
GUARANTEE

- Unique flexible and trimmable patented gasket features weatherproof, continuous integrated water channels and self-sealing detail for the stainless steel fixing screws
- Broader corrugations of the roll membrane edge compliments a variety of ridge tile designs and different roof pitches
- Wider butyl strip provides improved and secure adhesion
- Stainless steel batten straps included
- Dry fix products eliminate mortar installation and maintenance issues
- Provides compliance with BS 5250 and BS 5534
- Minimum 5,000mm² airflow area per linear metre installed (actual 5,850mm²)
- Suitable for warm and cold roof applications
- Complies with BS 8612

Pack contents

- 13 x fixing plates
- 13 x 100mm screws
- 10 x ridge straps
- 1 x 320mm x 6m Rollflex
- 13 x MONO Uni-Ridge Gaskets



Component	Material specification
Ridge Fixing Plate	High impact polyamide
MONO Uni-Ridge Gasket	LDPE
Ridge Batten Strap	Stainless Steel
Ridge Screw	Stainless Steel
Rollflex Ridge Roll	Polypropylene fabric with corrugated aluminium edges

* Subject to being used in conjunction with ridge tiles suitable for that pitch

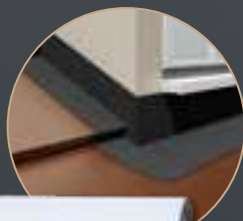
FEATURED PRODUCTS

FAST FLASH & CON6+

FAST FLASH

Fast Flash® is a premium quality lead-free flashing that is simple to install on multiple applications and common roof coverings. No specialist tools are required, Fast Flash® is easily workable by hand.

Backed with a 10 year guarantee, it can be installed on roofs with a slope of a minimum 5° pitch. The guarantee can be extended to 20 years with the application of Flash Seal.



Fast Flash

Environmentally friendly Lead alternative

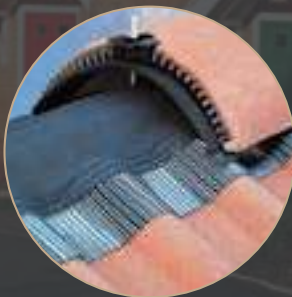
- Faster and lighter to install than lead
- No scrap value
- Minimal waste & no gluing required
- Can be cut to any size for any difficult areas
- Reusable off-cuts
- 30 minutes to strong bond
- Fully adhesive backing
- No staining or contaminated run-off

Length	5,000mm
Widths	140 (x2)/280/ 370/560mm
Made from	Aluminium grid & polymer rubber composite
Available in	Traffic Grey, Black, Tile red

HD CON6

CON6+ an adaptable dry fix design to fit all commonly available ridge, tile and slate types.

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.



CON6+

Dry Fix Ventilated Ridge and Hip System

- CON6+ Pack comprises of:
- 1 x 6m Ridge and Hip Roll
 - 13 x Universal Patented Gasket
 - 13 x Fixing Plates
 - 13 x Stainless Steel Screws
 - 10 Stainless Steel Ridge Straps

Airflow/metre	5,000mm ²
Length	6,000mm

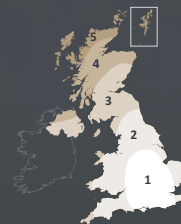
Complies with requirements of BS 5534, BS 5250 and BS 8612

Also available as a 6m pack to suit clay and baby ridge tiles, refer to page 17; CLAY6+.

FEATURED PRODUCTS

BREATHABLE ROOF UNDERLAYS

Danelaw
DLR150
DLR180



All products can be used draped unsupported over timber rafters and counter battens, or fully supported on timber sarking or rigid insulation.

Breathable Roof Underlays

For Tile and Slates

Wind Zones	1	2	3	4	5
Danelaw LR150					
Batten Gauge @345mm	✓	✓	✓	✓*	✓*
Batten Gauge @250mm	✓	✓	✓	✓	✓
Danelaw LR180					
Batten Gauge @345mm	✓	✓	✓	✓	✓*
Batten Gauge @250mm	✓	✓	✓	✓	✓

* When used with separate lap tape.

Danelaw LR150 and LR180 have been developed for use as a Low Resistance (breathable) roof tile and slate underlay for use on pitched roofs as a secondary barrier to prevent the ingress of wind driven rain, snow and dust.

- Supported and unsupported applications
- Compliance with requirements of BS 5534 and BS 5250
- UV Resistant
- Lightweight and cost-effective
- High strength to weight ratio
- Cold and warm roof applications

Technical Data	Performance	
Product	LR150	LR180
Weight	150gsm	180gsm
Roll length	50m	50m
Roll width	1.0/1.5m	1.0/1.5m
Resistance to water penetration EN 1928 method A [class]	W1	W1
Water vapour transmission properties EN ISO 12572 [sd(m)]	0.020	0.020
Resistance to penetration of air EN 12114 [m ³ /(m ² x h x 50 Pa)]	≤0.04	≤0.02
Tensile strength longitudinal / transverse EN 1-12311 [N/50mm]	350 / 210	460 / 250
Elongation strength longitudinal / transverse EN 12311-1 [%]	60 / 75	75 / 90
Resistance to tearing longitudinal / transverse 1-12310 [N]	150 / 160	170 / 215
Reaction to Fire [class]	E	E

Please refer to **pages 27-29** for all our Breathable Roof Tile Underlays product range.

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ROOF FLASHINGS, JOINTINGS & ABUTMENTS

Danelaw® flashings come in many types and styles, but are generally strip products used at details that form a junction between construction elements to make them weather-tight.

Danelaw has a wide range of roofing products manufactured from glass reinforced polyester (GRP), making them superior to plastic and an ideal lead replacement solution. The market leading range includes the original Dry Fix Valley Troughs, Bonding Gutters®, Continuous Soakers and Continuous Slate Verges. Tried and tested alongside our innovative Individual Soakers for tiles and slates.

All abutment flashings or secret gutters are designed to prevent rainwater from penetrating between the wall and the roof covering. These can take the form as Danelaw's Conti-Soakers for slates and tiles, or range of individual soakers for use in combination with the rigid universal abutment cover flashing or the extremely versatile flexible fully adhesive backed Fast Flash®.

Features and Benefits:

- Less than half the cost and time of traditional lead installation
- Light in weight and easy to handle
- No requirement for counter battens and special eaves closure pieces
- UV resistant
- Dry fix products eliminate the mortar installation and maintenance issues
- No harmful run-off or staining
- Reduced theft risk



FOR FULL TILE COMPATIBILITY PLEASE REFER TO PAGES 40-41

Dry Fix Valley Trough

**HDL DVT/1
HDL DVT/2**

Suitable for profiled tile roofs.



Length	HDL DVT/1 3,000mm HDL DVT/2 2,400mm
Central Upstand	105mm
Width	360mm
Made from	GRP
Available in	Anthracite

Dry Fix Valley Trough

**HDL DVLPT/1
HDL DVLPT/2**

Suitable for flat and plain tile roofs.



Length	HDL DVLPT/1 3,000mm HDL DVLPT/2 2,400mm
Central Upstand	80mm
Width	360mm
Made from	GRP
Available in	Anthracite

Dry Fix Valley Trough

**HDL DVS/1
HDL DVS/2**

Suitable for slate roofs.



Length	HDL DVS/1 3,000mm HDL DVS/2 2,400mm
Central Upstand	55mm
Width	360mm
Made from	GRP
Available in	Anthracite

Tile Support Bridge

HD DVBP



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.

Dry Valley Clip

HD DVC



A stainless steel clip to be used for clipping together smaller cuts of interlocking tiles. This support should only be required on the left side of the valley where no support is available from the tile interlock.

Open Valley Trough

HDL 361
HDL 362



Suitable for tile roofs.
For 'narrow' application compliant with NFRC
Technical Bulletin 28.

Length	HDL 361 3,000mm
	HDL 362 2,400mm
Width	380mm
Made from	GRP
Available in	Anthracite

Open Valley Trough

HDL 401
HDL 402



Suitable for tile roofs.
For 'standard' application compliant with
NFRC Technical Bulletin 28.

Length	HDL 401 3,000mm
	HDL 402 2,400mm
Width	410mm
Made from	GRP
Available in	Anthracite

Open Valley Trough

HDL RP3
HDL RP4



Suitable for tile roofs.
Without retention bar.

Length	HDL RP3 3,000mm
	HDL RP4 2,400mm
Width	380mm
Made from	GRP
Available in	Anthracite

Open Valley Troughs

HDL SVT
HDL SVTU



Suitable for slate roofs.
HDL SVT for 'narrow' application and HDL
SVTU for 'standard' application compliant
with NFRC Technical Bulletin 28.

Length	3,000mm
Width	HDL SVT 330mm
	HDL SVTU 360mm
Made from	GRP
Available in	Anthracite

Open Valley Trough

HDL SSVT



Suitable for Scottish slate roof fixed directly
to sark boards.

Length	3,000mm
Width	360mm
Made from	GRP
Available in	Anthracite

Features and Benefits:

- The flat and narrow profiles minimise the disturbance to adjoining roof
- Robust weather protection design with twin water bars on each side
- Dry fix products eliminate the mortar installation and maintenance issues
- Less than half the cost and time of traditional lead
- Light in weight and easy to handle
- UV resistant
- No harmful run-off or staining
- Reduced theft risk



Dry Fix Bonding Gutter®

HDL DBG1



For slates, flat and plain tile roofs.

Length	3,000mm
Height	70mm
Width	210mm
Made from	GRP
Available in	Anthracite

Dry Fix Bonding Gutter®

HDL DBG2



For profiled tile roofs, or where there may
be a greater difference in height of the
roof coverings on either side.

Length	3,000mm
Height	100mm
Width	210mm
Made from	GRP
Available in	Anthracite

Bonding Gutter®

HDL BG



Suitable for all slate and tile mortar
bedding applications.

Length	3,000mm
Width	225mm
Made from	GRP
Available in	Anthracite

ROOF ABUTMENTS

CONTI-SOAKERS

Features and Benefits:

- Quick and simple to install
- UV and acid rain resistant
- Lead alternative
- Reduced theft risk
- Creates no harmful run-off into water courses
- Mortar bonding strip for tile roof application



ROOF ABUTMENTS

INDIVIDUAL SOAKERS

Features and Benefits:

- Quick and simple to install
- UV and acid rain resistant
- Lead alternative
- Reduced theft risk
- Creates no harmful run-off into water courses
- All tile soakers available in both left and right options



**FOR FULL TILE
COMPATIBILITY PLEASE
REFER TO PAGE 39**



Conti-Soaker

HDL CST



Suitable for tile roofs
Lipped (H 150mm) and unlipped (H 140mm)
options. For mortared tile use.

Length	3,000mm
Height	140/150mm
Width	170mm
Made from	GRP
Available in	Anthracite

Individual Soaker

HD MDS



Suitable for flat concrete tile roofs.

Length	430mm
Height	75mm
Width	185mm
Made from	Polypropylene
Available in	Grey

Conti-Soaker

HDL CSS



Suitable for slate roofs.
Lipped (H 150mm) and unlipped (H 140mm)
options. For slates or dry laid tiles.

Length	3,000mm
Height	140/150mm
Width	170mm
Made from	GRP
Available in	Anthracite

Individual Soaker

HD RRS



Suitable for Richmond profile (original).

Length	430mm
Height	75mm
Width	180mm
Made from	Polypropylene
Available in	Grey

Conti-Soaker

HDL SCSS



Specifically designed for use on Scottish
slate roofs.
Fixed directly to sark boards.

Length	3,000mm
Height	200mm
Width	160mm
Made from	GRP
Available in	Anthracite

Individual Soaker

HD RTS



Suitable for thin leading edge concrete
tile roofs.

Length	410mm
Height	75mm
Width	175mm
Made from	Polypropylene
Available in	Grey

ROOF ABUTMENTS

INDIVIDUAL SOAKERS

Individual Soaker

HD SRRS

Suitable for thin leading edge concrete tile roofs.



Length	430mm
Height	75mm
Width	180mm
Made from	Polypropylene
Available in	Grey

Individual Soaker

HD PCS

Suitable for plain clay and concrete tile roofs.



Length	185mm
Height	75mm
Width	100mm
Made from	Polypropylene
Available in	Black

Individual Soaker

HD DTS

Suitable for interlocking plain tile roofs.



Length	240mm
Height	105mm
Width	145mm
Made from	Polypropylene
Available in	Black

Individual Soaker

HD RCS

Suitable for interlocking slate roofs.



Length	280mm
Height	105mm
Width	155mm
Made from	Polypropylene
Available in	Black

Individual Soaker

HD SS500
HD SS600

Suitable for 600 x 300mm or 500 x 250mm slate roofs.



Length	HD SS500 300mm
	HD SS600 380mm
Height	85mm
Width	100mm
Made from	Polypropylene
Available in	Black

ROOF ABUTMENTS

RIGID & FLEXIBLE FLASHINGS

Universal Abutment Cover Flashing

HDL UACF



30
★YEAR★
GUARANTEE

A cost effective alternative to lead for all roof abutments. Easily trimmed to fit directly onto brick, render or stepped applications.

Length	3,000mm
Height	150mm
Width	45mm
Made from	GRP
Available in	Anthracite

Fast Flash®

FastFlash 140 FastFlash 370
FastFlash 280 FastFlash 560

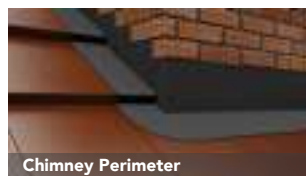


Fast Flash® is a premium quality lead-free flashing that is simple to install on multiple applications and common roof coverings. No specialist tools are required, Fast Flash® is easily workable by hand.

Backed with a 10 year guarantee, it can be installed on roofs with a slope of a minimum 5° pitch. The guarantee can be extended to 20 years with the application of Flash Seal.

- Faster and lighter to install than lead
- No scrap value
- Minimal waste & no gluing required
- Can be cut to any size for any difficult areas
- Reusable off-cuts
- 30 minutes to strong bond
- Fully adhesive backing
- No staining or contaminated run-off

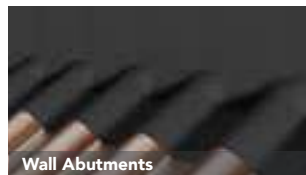
Length	5,000mm
Widths	140 (x2)/280/ 370/560mm
Made from	Aluminium grid & polymer rubber composite
Available in	Traffic Grey, Black, Tile Red



Chimney Perimeter



Dormer Window



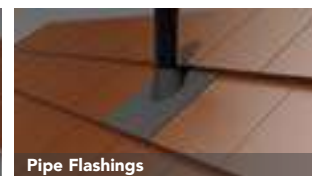
Wall Abutments



Valley Details



Skylights



Pipe Flashings



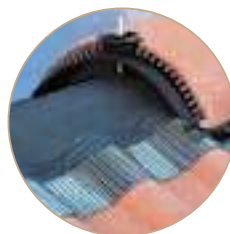
ROOF VENTILATION

Danelaw® offers a wide range of roofing products to suit different applications and construction details, from new build to refurbishment.

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 the decay caused by the increased risk of condensation.

CON6+ Dry Fix Ridge and Hip System

**HD CON6
HD CON3**



Dry fix ventilated ridge and hip system that can be used with all the commonly available ridge and hip tile types. It can be fitted to all roof pitches*.

CON6+ Pack comprises of:

- 1 x 6m Ridge and Hip Roll
- 13 x Uni-Ridge Gasket
- 13 x Fixing Plates
- 13 x Stainless Steel Screws
- 10 x Stainless Steel Ridge Straps

CON3+ Pack comprises of:

- 1 x 3m Ridge and Hip Roll
- 6 x Uni-Ridge Gasket
- 6 x Fixing Plates
- 6 x Stainless Steel Screws
- 6 x Stainless Steel Ridge Straps

Airflow/metre 5,000mm²
Length 3,000/6,000mm

MONO6+ Dry Fix Ridge System

HD MONO6+



NEW

MONO6+ is a universal ventilated dry fix ridge system that can be used with all commonly available mono ridge tile types. It can be fitted to all roof pitches* with no special tools required. The unique universal jointing gasket adds flexibility and allows compatibility with most mono ridge tile profiles.

MONO6+ Pack comprises of:

- 13 x Fixing Plates
- 13 x 100mm Straps
- 10 x Ridge Straps
- 1 x 320mm x 6m Rollflex
- 13 x MONO Uni-Ridge Gasket

Airflow/metre 5,000mm²
Length 3,000/6,000mm

CLAY6+ Dry Fix Ridge and Hip System

HD CLAY6+



CLAY6+ is a universal ventilated dry fix ridge and hip system that can be used with all the commonly available clay and baby ridge tiles. CLAY6+ can be fitted to all roof pitches* with no special tools required. The single unique universal jointing gasket adds flexibility and allows compatibility with the most commonly available ridge and hip tile profiles, including baby ridges.

CLAY6+ Pack comprises of:

- 1 x 6m Ridge and Hip Roll
- 20 x Uni-Ridge Gasket
- 20 x Fixing Plates
- 20 x Stainless Steel Screws
- 10 x Stainless Steel Ridge Straps

Airflow/metre 5,000mm²
Length 6,000mm

FOR RIDGE AND HIP FIXING ACCESSORY KITS, PLEASE SEE OVER...

PATENT NO FOR GASKETS: UK: GB2420571B; IRELAND: 85015

*Subject to being used in conjunction with ridge tiles suitable for that pitch

Supplementary Ridge Tile Fixing

DFRK/1X



This ridge and hip tile fixing kit provides additional screws, plates and Uni-Ridge Gaskets to supplement those provided in the standard CON6+, CON3+ and CLAY6+ dry fix ventilated ridge and hip kits. This may be required where ridge and hip tiles being cut increases the number of fixing required, or to be used in conjunction with the shorter clay ridge and hip tiles or baby ridge tiles when using CON6+.

Kit Contents:

- 60 x Uni-Ridge Gaskets
- 60 x 100mm stainless steel screws
- 60 x Ridge fixing plates

Ridge and Hip End Fixing Kit

LK/3X



This ridge and hip tile fixing kit provides additional screws and plates for the CON6+, CON3+ and CLAY6+ dry fix ventilated ridge and hip kits where drilling and fixing of end ridge and hip tiles is required, or where the use of the Uni-Ridge Gasket or other tile jointer types cannot be used.

Kit Contents:

- 50 x 100mm stainless steel screws
- 50 x Ridge fixing plates

Mortar Bedded Fixing Kit

LK/4X



Where the traditional appearance of mortar bedded ridge and hip tiles are required, this kit provides screws and plates together with ridge batten straps all tested to BS 8612 requirements to provide mechanical fixing to ridge and hip tiles to comply with the fixing requirements of NHBC and BS 5534.

Kit Contents:

- 38 x Stainless steel ridge batten straps
- 50 x 100mm stainless steel screws
- 50 x Ridge fixing plates

MONO6+ Fixing Kit

HD MONO DFRK/1X



HD MONO DFRK/1X fixing kit consists of 60x Mono patented ridge gaskets, 60x 100mm stainless steel screws and 60x ridge fixing plates.

Kit Contents:

- 60 x Mono Uni-Ridge Gasket
- 60 x 100mm stainless steel screws
- 60 x ridge fixing plates.

Features and Benefits:

- Roof space ventilation to avoid damage and decay caused by condensation
- Simple to install
- Acid rain resistant and UV stabilised
- Optional adaptor for extractor and soil pipe connection
- Can be used as high or low level roof space ventilation



FOR FULL TILE COMPATIBILITY PLEASE REFER TO PAGE 43



Tile Vent

HD TV15/1



Minimum rafter pitch 17.5°.

Airflow area	15,000mm ²
Made from	Polypropylene
Available in	Antique Red, Black, Brown, Grey, Terracotta

Tile Vent

HD TV15/2



Minimum rafter pitch 17.5°.

Airflow area	15,000mm ²
Made from	Polypropylene
Available in	Antique Red, Black, Brown, Grey, Terracotta

Tile Vent

HD TV15/3



Minimum rafter pitch 17.5°.

Airflow area	15,000mm ²
Made from	Polypropylene
Available in	Antique Red, Black, Brown, Grey, Terracotta

ROOF VENTILATION

TILE VENTS

Tile Vent

HD TV15/4



Minimum rafter pitch 17.5°.

Airflow area	15,000mm ²
Made from	Polypropylene
Available in	Antique Red, Brown, Grey, Terracotta, (Black to order)

Tile Vent

HD TV15/7



Minimum rafter pitch 17.5°.

Airflow area	15,000mm ²
Made from	Polypropylene
Available in	Antique Red, Brown, Grey, Terracotta, (Black to order)

Tile Vent

HD TV10/6



Minimum rafter pitch 22.5°.

Airflow area	10,000mm ²
Made from	Polypropylene
Available in	Antique Red, Brown, Grey, Terracotta, (Black to order)

Tile Vent

HD TV10/8



Minimum rafter pitch 22.5°.

Airflow area	10,000mm ²
Made from	Polypropylene
Available in	Antique Red, Black, Brown, Grey, Terracotta

Tile Vent

HD TV10/5



Minimum rafter pitch 35°.
Fit 5 per metre to achieve 10,000mm² airflow

Airflow area	2,000mm ²
Made from	Polypropylene
Available in	Antique Red, Brown, Grey, Terracotta, (Black to order)

ROOF VENTILATION

TILE VENTS



Double Plain Tile Vent

HD TV10/9



A discreet flush fitting vent designed to replace two plain clay or concrete tiles to complete an uninterrupted roofscape.

Minimum rafter pitch 35°.

Airflow/vent	6,100mm ²
Made from	Polycarbonate/ Polypropylene
Available in	Antique Red, Brown, Terracotta, Grey
Granular Finish	Antique Red, Brown, Cotswold



Double Slip Tile Vent

HD TV10/10



A discreet flush fitting tile vent designed to incorporate two small cuts of plain clay or concrete tiles to complete an uninterrupted roofscape.

Minimum rafter pitch 35°.

Airflow/vent	6,100mm ²
Made from	Polycarbonate/ Polypropylene
Available in	Black

ROOF VENTILATION

SLATE VENTS



Slate Vent

HD ILSRV10/20



Suits 500 x 250mm slates and suitable for soil ventilation or mechanical extraction. Minimum rafter pitch 22° or 25° depending on head lap.

Airflow area	10,000mm ²
Length	565mm
Width	290mm
Made from	Polypropylene
Available in	Black (Grey to order)

Slate Vent

HD ILSRV10/24



Suits 600 x 300mm slates and suitable for soil ventilation or mechanical extraction. Minimum rafter pitch 22° or 25° depending on head lap.

Airflow area	10,000mm ²
Length	615mm
Width	300mm
Made from	Polypropylene
Available in	Black (Grey to order)

Universal Slate Vent

HD ILSRV10U



Size to suit either; 600 x 300mm, 500 x 250mm and 450 x 230mm slates. Suitable for soil ventilation or mechanical extraction. Minimum rafter pitch 22° or 25° depending on head lap.

Airflow area	10,000mm ²
Length	455mm
Width	400mm
Made from	Polypropylene
Available in	Black (Grey to order)

ROOF VENTILATION

SLATE VENTS

Universal Slate Vent

HD SRV5U



Size to suit either: 600 x 300mm and 500 x 250mm slates when trimmed. Not suitable for soil ventilation or mechanical extraction. Minimum rafter pitch 22° or 25° depending on head lap.

Airflow area	5,000mm ²
Made from	Polypropylene
Available in	Black (Grey to order)

Universal Slate Vent

HD SRV10U



Size to suit either: 600 x 300mm and 500 x 250mm slates when trimmed. Suitable for soil ventilation or mechanical extraction. Minimum rafter pitch 22° or 25° depending on head lap.

Airflow area	10,000mm ²
Made from	Polypropylene
Available in	Black (Grey to order)

Slate Vent

HD SRV10/20



Size to suit 500 x 250mm slates. Suitable for soil ventilation or mechanical extraction. Minimum rafter pitch 22° or 25° depending on head lap.

Airflow area	10,000mm ²
Made from	Polypropylene
Available in	Black

Universal Slate Vent

HD SRV680



Large base for 'random' and diminishing course slate roofs. Can be trimmed to 600 x 300mm base size. Suitable for soil ventilation and mechanical extraction. Minimum rafter pitch 22° or 25° depending on head lap.

Airflow area	20,000mm ²
Length	680mm
Width	450mm
Made from	Polypropylene
Available in	Black

ROOF VENTILATION

ADAPTORS

Tile Soil Pipe Adaptor Kit



Connects standard 110mm pipework to all HD TV/15 series tile roof vents. May be used for soil ventilation or mechanical extraction.

HD TVSPA

Ventilation Area
8,000mm²

Soil Pipe Adaptor Kit
Soil Pipe Adaptor Only

TVSPA
TVA

Tile Soil Pipe Adaptor Kit



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

HD PCSPA

Ventilation Area
4,000mm²

Soil Pipe Adaptor Kit
Soil Pipe Adaptor Only

PCSPA
PCA

Tile Soil Pipe Adaptor Kit



Connects standard 110mm pipework to HD TV10/6 and HD TV10/8 vents. May be used for soil ventilation or mechanical extraction. Available only as kit.

HD RSPA

Ventilation Area
8,000mm²

Soil Pipe Adaptor Kit

RSPA

Tile Soil Pipe Adaptor Kit



Connects Standard 110mm pipework to the HD TV10/9 and HD TV 10/10 vent. May be used for soil ventilation and mechanical extraction. Adaptor only HD DPCA

HD DPCSPA

Ventilation Area
6,100mm²

Soil Pipe Adaptor Kit
Soil Pipe Adaptor Only

DPCSPA
DPCA

Slate Soil Pipe Adaptor Kit



Connects standard 110mm pipework to 20,000mm² vent. May be used for soil ventilation and mechanical extraction with HD SRV680 vent. Available only as kit.

HD SPA680

Ventilation Area
8,000mm²

Soil Pipe Adaptor Kit

SPA680

Slate Soil Pipe Adaptor



Connects standard 110mm pipework to HD ILSRV10/20 & HD ILSRV10/24, including blanking plug. May be used for soil ventilation and mechanical extraction.

HD ILSPA

Ventilation Area
8,000mm²

Soil Pipe Adaptor Kit
Soil Pipe Adaptor Only

ILSPA
ILA

Slate Soil Pipe Adaptor Kit



Connects standard 110mm pipework to the 10,000mm² HD ILSRV10U vent. May be used for soil ventilation or mechanical extraction.

HD ILSPAU

Ventilation Area
8,000mm²

Soil Pipe Adaptor Kit
Soil Pipe Adaptor Only

ILSPAU
ILA

Soil Pipe Adaptor



Connects standard 110mm pipework to 10,000mm² vent. May be used for soil ventilation and mechanical extraction with HD SRV10U, SRV10/20c, SRV10/24c

HD SPA

Ventilation Area
8,000mm²

Soil Pipe Adaptor Only

SPA

Flexi Pipe Connector Kit



Flexi pipe can be used as an extension to all HDL Soil Pipe Adaptor kits. Suitable for external fit to standard 110mm plastic pipes for soil ventilation and mechanical extraction.

HD FPC

Length 510mm

Flexi Pipe Connector (For Extensions)
Flexi Pipe Connector with Jubilee Clip

FPC
FPC/JC

ROOF VENTILATION

FASCIA/SOFFIT VENTS

Over Fascia Vent



HD 12000M

Airflow/metre	10,000mm ²
Length	1,000mm
Height	19mm
Width	33mm
Made from	Polypropylene
Available in	Black

Universal Over Fascia Vent



HD 12000U

Airflow/metre	10mm: 10,000mm ² or 25mm: 25,000mm ²
Length	1,000mm
Height	36mm
Width	48mm
Made from	Polypropylene
Available in	Black

Soffit Vent



HD 8000

Airflow/metre	10,000mm ²
Length	2,400mm
Height	22mm
Width	51mm
Made from	Polypropylene
Available in	Brown, white

Sloping Soffit Vent



HD 8210

Airflow/metre	10,000mm ²
Length	2,400mm
Height	8mm
Width	56mm
Made from	Polypropylene
Available in	Brown, white

Circular Soffit Vent



HD 7000

Airflow each	2,500mm ²
Height	16mm
Width	80mm
Made from	Polypropylene
Available in	Black, Brown, Light Oak, White

Corbel Vent



HD 8310

Airflow/metre	10,000mm ²
Length	2,400mm
Height	42mm
Width	28mm
Made from	Polypropylene
Available in	Black

Products to be used above insulation at eaves to maintain ventilating airflow.

Universal Panel Vents

HD 6000/4500/4000



For use when roof pitch is either below or above 15°. Airflow per panel:

- HD 6000 - 16,000mm². To suit 600mm rafter centres
- HD 4500 - 12,000mm². To suit 450mm rafter centres
- HD 4000 - 9,000mm². To suit 400mm rafter centres

Made from/Available in PVC/Black

Suitable for 10mm and 25mm airflow requirements

Panel Vents

HD 6050/4550/4050



Single row flyscreen. Suitable for pitches >15°. Airflow per panel:

- HD 6050 - 6,843mm². To suit 600mm rafter centres
- HD 4550 - 5,132mm². To suit 450mm rafter centres
- HD 4050 - 4,474mm². To suit 400mm rafter centres

Made from/Available in PVC/Black

Suitable for 10mm airflow requirements

Panel Vents

HD 6025/4525/4025



Double row flyscreen. For use when roof pitch is either below or above 15°. Airflow per panel:

- HD 6025 - 13,786mm². To suit 600mm rafter centres
- HD 4525 - 10,264mm². To suit 450mm rafter centres
- HD 4025 - 8,948mm². To suit 400mm rafter centres

Made from/Available in PVC/Black

Suitable for 10mm and 25mm airflow requirements

Universal Refurbishment Tray Vent

HD URT



Specifically designed for retro installation into the eaves to ensure that insulation blockages of ventilating air do not occur. Rafter centres above 450mm are accommodated by joining panels and trimming to suit.

Actual airflow per panel 12,500mm²

Available in Black

Universal Roll Panel Vent

HD 5000/5600/5800



Variable rafter centre capability, 10mm and 25mm area openings equivalent.

- HD5000 - 310mm depth, airflow 25,000mm²
- HD5600 - 600mm depth, airflow 17,000mm²
- HD5800 - 800mm depth, airflow 17,000mm²

Length 6,000mm

Made from/Available in PVC/Black

3 in 1 Eaves Ventilation Packs

HD 3025VP/3000VP



- | | |
|--------------------------------|--------------------------------|
| Pack components: 3025VP | Pack components: 3000VP |
| • 1 x 6,000mm: HD 5000 | • 1 x 6,000mm: HD 5000 |
| • 10 x 600mm: HD 3000 | • 10 x 600mm: HD 3000 |
| • 6 x 1,000mm: HD 12000U* | • 6 x 1,000mm: HD 12000M |

Airflow/metre 25,000mm² Airflow/metre 10,000mm²

Available in Black

* 25,000 or 10,000mm² fixing positions



ROOF UNDERLAYS

The Danelaw® product range includes a selection of Low Resistance tile and slate roofing underlays; available in 4 weights; 120gsm, 135gsm, 150gsm and 180gsm. The 120gsm and 150gsm weights are also available with integral tape options. They provide an effective solution to protect the building and its occupants from harmful effects of interstitial condensation and

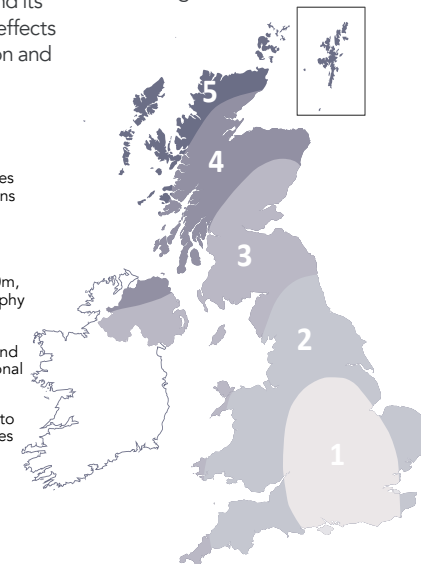
external climatic conditions including wind, snow and wind driven rain.

The products have been developed for use in cold and warm pitched roof applications, are suitable for use draped and unsupported, or fully supported on sarking or insulation boards.

Wind Zone Map

NOTE 1: Zone suitability applies only for underlays in applications where a well-sealed ceiling is present, ridge height is not greater than 15m, roof pitch is between 12.5° and 75°, site altitude is not greater than 100m, and no significant site topography is present. Other applications might require underlays with greater wind uplift resistance and it is advisable to seek professional advice.

NOTE 2: Zones 3 and 4 apply to Northern Ireland. Zone 3 applies to the Scilly Isles and Channel Islands. Zone 5 applies to the Shetland Islands.



Features and Benefits:

- For use in warm and cold roofs
- Durable and resistant to UV and damage from foot traffic
- Temporary weather protection prior to tile or slate fixing
- Contributes to weather-tightness of a completed roof
- Airtight when sealed for improved energy efficiency
- Can be used unsupported draped over timber rafters or counter battens, or fully supported over timber sarking or rigid insulation
- Reduced condensation risk in the roof space
- Reduced wind loading on the outer roof covering



Tile & Slate Roof Underlay

DLR120



Suitable for wind zones 1 - 3 at 345mm batten gauge and all zones at 250mm batten gauge.

Weight	120gsm
Length	50m
Widths	DLR120 1.0 1.0m
	DLR120 1.5 1.5m
Made from	Polypropylene
Available in	Grey

Tile & Slate Roof Underlay

DLR150



Suitable for wind zones 1 - 3 at 345mm batten gauge and all zones at 250mm batten gauge.

Weight	150gsm
Length	50m
Width	DLR150 1.0 1.0m
	DLR150 1.5 1.5m
Made from	Polypropylene
Available in	Grey

Tile & Slate Roof Underlay

DLR120TT



Integral double tape system.
Suitable for all wind zones.

Weight	120gsm
Length	50m
Widths	DLR120TT 1.0 1.0m
	DLR120TT 1.5 1.5m
Made from	Polypropylene
Available in	Grey

Tile & Slate Roof Underlay

DLR150TT



Integral double tape system.
Suitable for all wind zones.

Weight	150gsm
Length	50m
Width	DLR150TT 1.0 1.0m
	DLR150TT 1.5 1.5m
Made from	Polypropylene
Available in	Grey

Tile & Slate Roof Underlay

DLR135



Suitable for wind zones 1 - 2 at 345mm batten gauge and all zones at 250mm batten gauge.

Weight	135gsm
Length	50m
Width	DLR135 1.0 1.0m
	DLR135 1.5 1.5m
Made from	Polypropylene
Available in	Grey

Tile & Slate Roof Underlay

DLR180



Suitable for wind zones 1 - 4 at 345mm batten gauge and all zones at 250mm batten gauge.

Weight	180gsm
Length	50m
Width	DLR180 1.0 1.0m
	DLR180 1.5 1.5m
Made from	Polypropylene
Available in	Black



WALL CAVITY & UNDERFLOOR VENTILATION

Danelaw® provides a range of through wall, cavity and underfloor ventilation products for many applications to suit design and regulation requirements.

Telescopic Underfloor Vent **HD 9600M**



- Optional components:
- HD 9600B: Factory fitted vermin screen
 - HD 9600CT: Separate cavity tray attachment



When higher level vent aperture than the underfloor void, required 3-5 course adjustment.

Airflow area	7,000mm ²
Made from	Polypropylene
Available in	Black

Underfloor Vertical Ext Sleeve **HD 9610/2**



Two course vertical extension sleeve for HD 9600M. Can be used in multiples.

Length	205mm
Height	175mm
Width	50mm
Made from	Polypropylene
Available in	Black

Underfloor Horizontal Ext Sleeve **HD 9660T/9660M**



To extend the reach for varying cavity and wall leaf widths.

HD 9600T: Top extension sleeve 140mm long for an outer leaf width up to 170mm	HD 9600M: Bottom extension sleeve 155mm long for an inner leaf width up to 215mm
---	--

Made from	ABS
Available in	Black

Airbrick **HD 9300**



The bricks can be clipped together for 220 x 150mm or 220 x 225mm combinations and double or triple applications.

Airflow/unit	7,000mm ²
Depth	73mm
Height	60mm
Width	220mm
Made from	Polypropylene
Available in	Black, Brown, Buff, Terracotta.

Square to Round Adapter **HD 9620**



To fit Telescopic Underfloor vent (HD 9600M bottom aperture) and connects to standard 110mm soil or drainage pipe.

Made from	Polypropylene
Available in	Black

Airbrick Vent Sleeve

HD 9350



Semi rigid sleeve to ventilate through standard cavity walls.

Product options:

- HD 9350/1: Single
- HD 9350/2: Double
- HD 9350/3: Triple

Additional dimensions:

- Height 61mm
- Height 134mm
- Height 210mm

Length 280mm

Width 217mm

Made from Polypropylene

Available in Black

Universal Weep Vent

HD 9500



For use in conjunction with cavity trays and lintels, provides for ventilation and moisture escape. Suitable for traditional and timber frame build.

Airflow/vent 260mm²

Length 100mm

Height 68mm

Made from Polypropylene

Available in Black, Brown, Buff, Grey, Terracotta, Translucent, White

Perp Weep

HD 9100



To allow release of moisture above lintels and cavity trays.

Length 100mm

Height 70mm

Made from Polypropylene

Available in Buff, Terracotta, Translucent

Perp Weep Extension

HD 9200



To clip to Perp Weep singularly or in multiples for increased outer leaf thickness.

Length 30mm

Height 70mm

Made from Polypropylene

Available in Translucent

Lintel Stop End

HD 9800



Adjustable angle stop end complete with integral bonding strip for use with most popular steel lintels to prevent the discharge of water into the cavity.

Made from Polypropylene

Available in Black



DRY VERGE SYSTEMS

Danelaw® offers a variety of solutions that are cost effective and time-saving for the roof verges.

Interlocking Verge systems

For tiles, there are interlocking verge systems available; both eliminating the need for mortar while providing protection from wind uplift and driving rain to the perimeter of the roof.

Features and Benefits:

- Designed to minimise water run-off staining on the verge and gable wall
- Starter unit and ridge cap kits include stainless steel screws and wall plugs
- Starter unit designed to avoid gutter interference and slotted for ease of adjustment
- Dry fix products eliminate the mortar installation and maintenance issues
- High heat distortion resistance compared to PVC
- UV stabilised for long term performance
- Clip-over design for fast installation
- Verge units available in right and left handed
- Complies with BS 8612 and BS 5534 requirements
- No additional eaves or ridge components required.

Continuous Verge Systems

Danelaw's continuous verge range are of unique preformed GRP, designed to fix continuously along slate roof verges for both new and refurbishment work.

Features and Benefits:

- Quick and simple to install
- Thermally stable
- UV and acid rain resistant
- Creates no harmful run off into water courses
- Dry fix products eliminate the mortar installation and maintenance issues



FOR COMPATIBILITY CHART FOR INTERLOCKING DRY VERGE PLEASE REFER TO PAGE 42

Plain Tile Interlocking Dry Verge HD INVERG

NEW



InVerg® is suitable for single and double cambered plain tiles at batten gauges 88mm to 104mm.

System components include:
HD INVERG Unit (Handed)
HD IPTDV/HR Half round ridge cap
HD IPTDV/AR Angle ridge cap
HD INVERG/EB Eaves Bracket
HD IDV/BC Batten End Clip

Made from Polypropylene
Available in Antique Red, Black, Brown, Slate Grey, Terracotta

Interlocking Plain Tile Dry Verge HD IPTDV



Suits single lap interlocking plain tiles between 170 & 200mm batten gauges.

System components include:
HD IPTDV Dry Verge Unit (Handed)
HD IPTDV/HR Half round ridge cap
HD IPTDV/AR Angle ridge cap
HD IPTDV/ST Starter unit
HD IDV/BC Batten end clip

Made from Polypropylene
Available in Antique Red, Black, Brown, Slate Grey, Terracotta

Interlocking Dry Verge HD IDV



Suits single lap concrete tiles between 260 & 355mm batten gauges.

System components include:
HD IDV Dry Verge Unit (Handed)
HD IDV/HR Half round ridge cap
HD IDV/AR Angle ridge cap
HD IDV/ST Starter unit
HD IDV/BC Batten end clip

Made from Polypropylene
Available in Antique Red, Black, Brown, Slate Grey, Terracotta

Thin Leading Edge Dry Verge HD TIDV



Suits thin leading edge single lap concrete tiles between 260 & 355mm batten gauges.

System components include:
HD TIDV Dry Verge Unit (Handed)
HD IDV/HR Half round ridge cap
HD IDV/AR Angle ridge cap
HD IDV/ST Starter unit
HD IDV/BC Batten end clip

Made from Polypropylene
Available in Slate Grey, Black (available in standard IDV verge colours to order)

Continuous Slate Verge HDL DV6



Under batten fixing
Slate gap height* 40mm

Length 3,000mm
Height 80mm
Projection width 35mm
Made from GRP
Available in Anthracite

Continuous Verge HDL DV7



Over batten fixing or directly onto sarking boards for Scottish slate roofs.
Slate gap height* 16mm

Length 3,000mm
Height 50mm
Projection width 35mm
Made from GRP
Available in Anthracite

Continuous Verge HDL DV8



Face Fixing for Slate.
Slate gap height* 55mm

Length 3,000mm
Height 150mm
Projection width 50mm
Made from GRP
Available in Anthracite

Continuous Verge HDL DV9



Face Fixing for Scottish Slates.
Slate gap height* 35mm

Length 3,000mm
Height 110mm
Projection width 40mm
Made from GRP
Available in Anthracite

*Gap height is measured from the distance between the top and bottom verge lip.



ROOF ACCESSORIES

Danelaw® offers a wide variety of roofing accessory products that are purpose-designed to save time on site. They are light-weight and simple to install. Products in this range include; roofing underlay support trays, continuous eaves course for slate roofs and hip tile support trays through to a damp proof course for sloping parapet walls.

Hip Trays

HDL HT165/HT300



Universal GRP hip trays designed to provide quick and easy alignment of hip tiles.

Length	HDL HT165 1,650mm HDL HT300 3,000mm
Height	50mm
Width	245mm
Made from	GRP

Underlay Lap Vent

HD ULV



Designed to fit between the overlaps in the roofing underlay below the tiles or slates to introduce ventilation openings. The shallow and tapered design suits all commonly encountered rafter spacings and allows for easier fitting between the roofing felt or underlay where the overlaps are tight.

Airflow/vent	2,280mm ²
Made from	PVC
Available in	Black

Rigid Underlay Support Tray

HD RFST



Provides full support and eaves protection for roof underlay at eaves level. Suitable for new, refurb and retro fit applications. Can be used in conjunction with either traditional soffit strip vent (HD 8000) or with over fascia vents (HD 12000M or HD 12000U).

Length	1,500mm
Made from	PVC
Available in	Black

Roofing Underlay Support Tray

HD 3000



Provides full support and eaves protection for roof underlay at eaves level - in black PVCu for easy fixing. Combines to provide drip into guttering while clipping trays together offers universal rafter spacing. Hinged at fascia to prevent panel distortion on low pitches.

Can be fixed with either the HD 12000M, HD 12000U or directly to the top of the fascia board.

Length	600mm
Made from	PVCu
Available in	Black

Continuous Eaves Course
HDL CECS


A GRP support eaves course replacing the first course of cut slates. Time savings on cutting and fixing slates. Suitable for all types and sizes of slates up to 600mm long.

Length	3,000mm
Width	355mm
Made from	GRP
Available in	Anthracite

Damp Proof Course
HDL DPC


A GRP damp proof course that incorporates a wide mortar bonding strip. Specifically developed for use on sloping parapet walls up to 240mm thick.

Length	2,400mm
Width	310mm
Made from	GRP
Available in	Anthracite

Universal Abutment Cover Flashing
HDL UACF


A continuous GRP cover flashing, a cost effective alternative to lead for roof abutments. Easily trimmed to fit on site to suit application, whether directly into brick, render, or stepped applications.

Length	3,000mm
Height	150mm
Width	45mm
Made from	GRP
Available in	Anthracite

TILE COMPATIBILITY CHARTS

Individual Soakers
 Dry Fix Valley Troughs
 Tile Vents & Adaptors
 Dry Verge Systems

FORTICRETE

Gemini	DTS
Minislate	DTS

BREEDON

Elite	SRRS
Flat	MDS

MARLEY

Ashmore	DTS
Duo Modern	MDS
Edgemere	SRRS
Melbourn	RCS
Modern	MDS

QUINN

Devenish	RTS
Rathmore	RTS
Western Slate	MDS

BMI (REDLAND)

Cambrian	RCS
Duo Plain	DTS
Landmark Slate 10	RTS
Mini Stonewold	MDS
Richmond	RRS
Richmond 10	RTS
Saxon 10	RTS
Stonewold MkII	MDS

RUSSELL

Bute	SRRS*
Galloway	RTS
Grampian	MDS
Highland	MDS
Lothian	RTS
Moray	RTS
Polden	RTS

SANDTOFT (WIENERBERGER)

Balmoral	SRRS
Britlock	RCS**
Calderdale Slate	MDS
Cassius	SRRS*
Dual Calderdale	MDS
Rivius	SRRS*
TLE	RTS
20/20	SRRS*

DOUBLE LAP PRODUCTS

Plain Tiles (All)	PCS
Slates 500 x 250mm	SS500
Slates 600 x 300mm	SS600



HD DTS



HD MDS



HD RCS



HD PCS



HD RRS



HD RTS



HD SRRS



HD SS500/600

* Longer than the tiles; the length maybe trimmed at the head if required
 ** Subject to minimum rafter pitch of 30° and minimum headlap of 95mm

COMPATIBILITY CHART

DRY FIX VALLEY TROUGHS

CREST	
DS5	DVT
F8.5	DVT
F10	DVT
F12	DVT
G10	DVLPT
H10	DVT
H14	DVT
H15	DVLPT
S9	DVLPT
SP10	DVT
Double Pantile	DVT
Double Roman	DVT
Planum	DVLPT
Wolds	DVT
FORTICRETE	
Centurion	DVT
Gemini	DVLPT
Mini Slate	DVLPT
Senator	DVT
SL8	DVLPT
V2	DVT
EDILIANS	
Alpha 10	DVLPT
Beauvoise 20	DVLPT
Double Panne S	DVT
HP10	DVLPT
HP17	DVLPT
HP20	DVLPT
Monopole No.1	DVT
Panne H2	DVT
Panne S	DVT
BREEDON	
Double Roll	DVT
Elite	DVLPT
Flat	DVLPT
Square Top	DVT
MARLEY	
Anglia Plus	DVT
Ashmore	DVLPT
Duo Modern	DVLPT
Double Roman	DVT
Edgemere	DVLPT
Lincoln	DVT
Ludlow Major	DVT
Ludlow Plus	DVT
Malvern	DVT
Maxima	DVT
Melbourn	DVLPT
Melodie	DVT
Mendip	DVT
Modern	DVLPT
Wessex	DVT

QUINN	
Devenish	DVLPT
Locherne	DVT
Rathmore	DVLPT
Western Slate	DVLPT
BMI (REDLAND)	
49 Type	DVT
Cambrian	DVS
Cathedral	DVT
Double Roman	DVT
Duo Plain	DVLPT
Fenland	DVT
Grovebury	DVT
Landmark Dbl Pantile	DVT
Landmark Slate 10	DVLPT
Mini Stonewold	DVLPT
Norfolk Pantile	DVT
Old Holllow	DVT
Postel	DVT
Regent	DVT
Renown	DVT
Richmond	DVLPT
Richmond 10	DVLPT
Saxon 10	DVLPT
Stonewold MkII	DVLPT
SANDTOFT (WEINERBERGER)	
20/20	DVLPT
Actua	DVLPT
Arcadia	DVT
Balmoral	DVLPT
Bridgewater	DVT
Britlock	DVS
Calderdale Slate	DVLPT
Cassius	DVLPT
County	DVT
Dual Calderdale	DVLPT
Double Pantile	DVT
Double Roman	DVT
Flemish	DVT
Gaelic	DVT
Greenwood	DVT
Lindum	DVT
Modula	DVT
Old English	DVT
Old Hollow	DVT
Olympus	DVT
Neo Pantile	DVT
Rivius	DVLPT
Shire Pantile	DVT
Standard Pattern	DVT
Tempest	DVT
TLE	DVLPT
Vauban	DVLPT

RUSSELL	
Argyll	DVT
Bute	DVLPT
Cheviot	DVT
Derwent	DVT
Double Roman	DVT
Galloway	DVLPT
Grampian	DVLPT
Highland	DVLPT
Lothian	DVLPT
Moray	DVLPT
Penine	DVT
Polden	DVLPT
DOUBLE LAP PRODUCTS	
Plain Tiles	DVLPT
Slates up to 6mm thick	DVS
Slates 7 to 15mm thick	DVLPT
Slates 16 to 22mm thick	DVT



HD DVT



HD DVLPT



HD DVS



Valley Board Construction Guidelines

In all cases and with all inclined roof valleys, valley troughs and valley lining materials should be supported by valley boards or sark boards.

Valley boards may be inset or continuous over the rafters. The width of the board should be sufficient to provide a minimum of 50mm end support for the ends of the slate or tile battens.

Where they are inset, they should be a minimum of 12mm thick plywood (or 19mm softwood) and supported on bearers of 50mm x 25mm or similar fixed to the rafter sides and set at a depth to finish the valley board flush with the top of the rafters.

Continuous overlaid valley boards may be used, and should be a minimum of 6mm thick plywood butt jointed only over supporting rafters. On rafter spacings above 400mm, it is recommended that support noggins of 75mm x 50mm minimum are securely fixed under the outer edge of the valley board between the rafters.

The fascia or barge board may be trimmed to allow the valley trough to pass through without flattening the profile. Alternatively a lead or lead replacement soaker may be used if required.

COMPATIBILITY CHART

INTERLOCKING DRY VERGES

DOUBLE LAP TILES	
Plain Tiles	InVerg®



HD INVERG



HD IPTDV/HR



HD IPTDV/AR



HD INVERG/EB



HD IDV/BC

CREST	
Double Pantile	IDV
Double Roman	IDV
Planum	IDV
FORTICRETE	
Gemini	IPTDV
Minislate	IPTDV
Senator	IDV
SL8	TIDV
V2	IDV
EDILIANS	
Alpha 10	IDV*
HP10	IDV**
HP17	IDV***
BREEDON	
Double Roll Type	IDV
Elite	TIDV
Flat	IDV
Square Top	IDV
MARLEY	
Anglia Plus	IDV
Ashmore	IPTDV
Duo Modern	IDV
Double Roman	IDV
Edgemere	TIDV
Ludlow Major	IDV
Ludlow Plus	IDV
Malvern	IDV
Mendip	IDV
Modern	IDV
Wessex	IDV
QUINN	
Devenish	TIDV
Locherne	IDV
Rathmore	TIDV
Western Slate	IDV
BMI (REDLAND)	
Double Roman	IDV
Duo Plain	IPTDV
Fenland	IDV
Grovebury	IDV
Landmark Dbl Pantile	IDV
Landmark Slate 10	TIDV
Mini Stonewold	IDV
Norfolk Pantile	IDV
Regent	IDV
Renown	IDV
Richmond	TIDV
Richmond 10	TIDV
Saxon 10	TIDV
Stonewold MklI	IDV

RUSSELL	
Argyll	IDV
Bute	TIDV****
Cheviot	IDV
Derwent	IDV
Double Roman	IDV
Galloway	TIDV
Grampian	IDV
Highland	IDV
Lothian	TIDV
Moray	TIDV
Penine	IDV
Polden	TIDV
SANDTOFT (WEINERBERGER)	
Calderdale Slate	IDV
Cassius	TIDV
Dual Calderdale	IDV
Double Pantile	IDV
Double Roman	IDV
Lindum	IDV
Olympus	IDV
Neo Pantile	IDV
Rivius	TIDV
Shire Pantile	IDV
Standard Pattern	IDV
TLE	TIDV



BREEDON	TILE VENT	ADAPTOR
Double Roll Type	TV15/3	TVSPA
Flat Type	TV15/1	TVSPA
MARLEY		
Anglia Plus	TV10/8	RSPA
Duo Modern	TV15/1	TVSPA
Double Roman	TV15/3	TVSPA
Ludlow Major	TV15/4	TVSPA
Ludlow Plus	TV10/6	RSPA
Mendip	TV15/2	TVSPA
Modern	TV15/1	TVSPA
Plain Tile	TV10/5, TV10/9, TV10/10	TVSPA, DPCSPA
QUINN		
Locherne	TV15/2	TVSPA
Duo Modern	TV15/1	TVSPA
BMI (REDLAND)		
Double Roman	TV15/3	TVSPA
Grovebury	TV15/2	TVSPA
Landmark Dbl Pantile	TV15/2	TVSPA
Mini Stonewold	TV15/1	TVSPA
Norfolk Pantile	TV10/8	RSPA
Plain Tile	TV10/5, TV10/9, TV10/10	TVSPA, DPCSPA
Redland 49	TV10/6	RSPA
Renown	TV15/7	TVSPA
RUSSELL		
Cheviot	TV15/4	TVSPA
Double Roman	TV15/3	TVSPA
Grampian	TV15/1	TVSPA
Highland	TV15/1	TVSPA
Penine	TV15/2	TVSPA
Plain Tile	TV10/5, TV10/9, TV10/10	TVSPA, DPCSPA
SANDTOFT (WEINERBERGER)		
Calderdale Slate	TV15/1	TVSPA
Double Roman	TV15/3	TVSPA
Plain Tile	TV10/5, TV10/9, TV10/10	TVSPA, DPCSPA
Shire Pantile	TV10/8	RSPA
Standard Pattern	TV10/6	RSPA



* Batten gauge 330 to 355mm
** Batten gauge 310 to 355mm
*** Batten gauge 260 to 285mm
**** Down to 260mm batten gauge

ABOUT US

Hambleside Danelaw
Building Products 

Hambleside Danelaw's rich heritage incorporates publishing and leather goods, but our building products story began in 1975 when an investment opportunity presented itself in the form of a patent for an innovative glass reinforced polyester (GRP) roofing product.

A year later, Hambleside Manufacturing Limited was established; it served the building industry, and business was good. After diversifying into rooflights and cladding, in 1983 we began manufacturing valley gutters for a Daventry-based new client, Danelaw Laminates Limited. Having worked closely for several years, discussions on a merger took place between the two companies, and a deal was done in 1992. Then it was undone, but the name was retained and the rest, as they say...

Today, we manufacture a range of GRP products on our sophisticated continuous profiling production line. The products are made using a range of raw

materials, including glass rovings and mats, varying fire resistant and retardant resins and pigments. In addition, our factory operates vacuum-forming and injection moulding machinery capable of producing products that form part of our Pitched Roofing range.

Over the years we have patented a number of innovative products for both pitched roofing and industrial roofing solutions. Throughout our history we have lead the way accommodating legislative and regulatory changes within our product designs and keeping abreast of BS EN ISO standards. Today all our products are manufactured to BS EN ISO 9001 Quality and ISO 14001 Environmental standards whilst operating to ISO 18001 Occupational Health and Safety standard.

We have the capability to manufacture bespoke products and so welcome all enquiries.

AREA SALES MANAGERS IN YOUR LOCATION:

East Midlands & Eastern England

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07710 573013

South East of England

Russell Evans

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South West of England & South Wales

Richard Spreag

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Neil Brown

National Sales Manager

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01327 701 900

Where to find everything

For more information on our product range and our policies or us as a company, please visit our website:

www.hambleside-danelaw.co.uk

Hambleside Danelaw reserve the right to amend specifications without prior notice. Full Terms and Conditions of Sale are available upon request.

www.hambleside-danelaw.co.uk
+44(0)1327 701 910

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. The following customer service and sales staff provide support to our area sales managers detailed on the previous page.

Field Technical Support

Paul Lambert

paul.lambert@hambleside-danelaw.co.uk
07712 526257

Technical Support

techelp@hambleside-danelaw.co.uk

Marketing Support

marketing@hambleside-danelaw.co.uk

We are able to provide comprehensive technical advice and support for on our product applications for specifiers, distributors and end-users. 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 Danelaw Roof Flashings and Ventilation, Dryseal and our wide range of Zenon 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
- CPD seminars

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 patented Insulator honeycomb core, increasing natural daylighting and thermal performance of industrial buildings.

Paul Hanratty

National Sales Manager -
Rooflights and Cladding

sales@hambleside-danelaw.co.uk
01327 701920



DRYSEAL GRP 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 carries a 20-year leak free guarantee with an insurance warranty.

Andy Fell

Dryseal Manager

sales@hambleside-danelaw.co.uk
01327 701900



Hambleside Danelaw Ltd has a continuing product development programme. With any updates or changes to these products, we will ensure that this is communicated to our customers and stakeholders.

In accordance with our policy for continuous improvement we reserve the right, should the need arise, to amend product specifications without prior notice. In turn, products may slightly differ at the time of the print of this publication.

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