



Roofing & Ventilation

Pocket Product Guide

Issue 18



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VENTILATION

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ROOFING

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ROOFING

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*Dry Fix Valley Troughs covered by UK Patent No. 2 307 922 *

*Dry Fix Valley Troughs (Divisional) UK Patent No. 2 334 980

† Dry Valley Bridge Piece covered by UK Patent No. 2 337 377 3

◆ Dry Fix Bonding Gutters covered by UK Patent No. 2 413 806

The terms Bonding Gutter and Stormforce 225 are registered Trade Marks of Hambleside Danelaw Limited

All Hambleside Danelaw ventilation products are produced to comply with the requirements of BS 5250: 2011 Control of Condensation in Buildings. The provisions in this Standard are deemed to satisfy the requirements of Scottish Technical Standards.

WRAP Registered Roofing and Ventilation Products

The Waste & Resources Action Programme (WRAP)

Material resources are a key contributor to sustainability in construction, along with energy and water saving initiatives. The efficient use of those material resources can be improved by:-

- **Using less material**
- **Avoiding and reducing waste**
- **Re-using materials**
- **Recovering wastes by recycling into new applications**
- **Selecting manufactured products with higher recycled content**

All of these actions can reduce carbon emissions and widen life-cycle environmental impacts either in a cost-neutral or cost-saving way.

Good site practice - including materials supply logistics and rigorous segregation of wastes – ensures that waste is reduced and recovered while helping the bottom line.

This helps reduce landfill, cuts overall wastage and creates markets for the recycled waste materials.

WRAP & ISO 14001 Environmental Management System Certification

This provides ongoing independent, third party assessment and certification of environmental management systems.

Hambleside Danelaw is BS EN ISO 14001:2004 Environmental Management Systems - Registered.



WRAP Registered products

The roofing and ventilation products illustrated in this section of our Product Guide feature recycled materials in their construction, a process which has been recognised by the Green Organisation and WRAP. Specifiers, especially those for public sector new build projects, will be interested to learn that these products are included in the WRAP Procurement Guide for construction materials.

The Green Organisation

The Green Organisation is an independent, environment group dedicated to recognising, rewarding and promoting environmental best practice around the world.

Founded in 1994, its experience has shown that many have followed the examples of environmental best practice demonstrated by the Green Apple Award winners, of which Hambleside Danelaw has won numerous awards.

Environmental best practice, has been beneficial to the company which has taken responsibility for its environmental impact.

As a result, the company developed new technology and processes to replace traditional materials used in the manufacture of its range of GRP valley troughs. This has resulted in the reduction of use of virgin raw material and an increased use of recycled elements.

Key

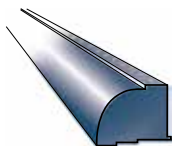
Products made with recycled materials are shown with an icon and a corresponding percentage range relating to their recycled content.



Eaves & Soffit Ventilators

HD 12000U

UNIVERSAL OVER FASCIA VENTILATOR



For refurbishment and new build details – unique universal design to suit openings for both 10mm and 25mm regulation requirements.

Airflow at 10mm fixing position: 10,000mm².

Airflow at 25mm fixing position: 25,000mm².

Length: 1000mm

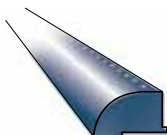
Height: 36mm

Width: 48mm

12m per pack

HD 12000M

OVER FASCIA VENTILATOR



For refurbishment and new build details to suit openings for 10mm regulation requirements.

Airflow: 10,000mm² per metre run.

Length: 1000mm

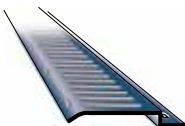
Height: 19mm

Width: 33mm

25m per pack

HD 8210

SOFFIT VENTILATOR



Continuous sloping eaves soffit ventilators.

White or Brown PVC.

Airflow: 10,000mm² per metre run.

Length: 2400mm

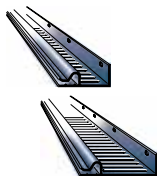
Height: 8mm

Width: 56mm

Pack of 10

HD 8000 & HD 8250

SOFFIT VENTILATORS



Continuous soffit ventilators to attach and support soffit boards between 4mm and 10mm thickness.

HD 8000 White, Brown or Black PVC. Pack of 10

Airflow: 10,000mm² per metre run.

Length: 2400mm Height: 22mm Width: 51mm

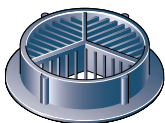
HD 8250 White or Brown PVC. Pack of 10

Airflow: 25,000mm² per metre run.

Length: 2400mm Height: 22mm Width: 80mm

HD 7000

CIRCULAR SOFFIT VENTILATOR



Easy to fix ventilator ideal for refurbishment projects. Black, White, Brown and Light Oak polypropylene.

Airflow varies according to spacing.

■ 2,500mm² per unit

■ 10,000mm² per metre at 250mm centres

Height: 16mm Hole size: 70mm

Base diameter: 80mm

Pack of 50

HD 8310

CORBEL VENTILATOR



The corbel ventilator is designed to be incorporated above a continuous masonry corbel constructed of brick, stone or similar.

Airflow: 10,000mm² per metre run.

Length: 2400mm

Height: 42mm x Depth: 28mm

Colour: Black

Pack of 10

Eaves Panel Ventilators

NOTE: The figures shown next to each illustration confirm the suitability for 10mm and 25mm airflow requirements.

UNIVERSAL PANEL VENTILATORS

10mm &
25mm



HD 6000: size to suit 600mm rafter centres

Universal panel ventilators for use over the insulation, positioned between rafter centres to ensure clear airway. Unique design enables use on either below 15° or above 15° roof pitch. Material: Black PVC. Airflow per panel: 16,000mm².

Pack of 50

HD 4500: size to suit 450mm rafter centres

Airflow per panel: 12,000mm².

Pack of 50

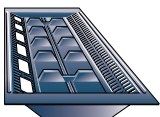
HD 4000: size to suit 400mm rafter centres

Airflow per panel: 9,000mm².

Pack of 50

PANEL VENTILATOR – SINGLE ROW FLYSCREEN

10mm



HD 6050: size to suit 600mm rafter centres

Panel ventilator for open eaves details with single row flyscreen, positioned between the rafters on roofs above 15° pitch. Material: Black PVC.

Airflow per panel: 6,843mm².

Pack of 50

HD 4550: size to suit 450mm rafter centres

Airflow per panel: 5,132mm².

Pack of 50

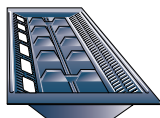
HD 4050: size to suit 400mm rafter centres

Airflow per panel: 4,474mm².

Pack of 50

PANEL VENTILATOR – DOUBLE ROW FLYSCREEN

25mm



HD 6025: size to suit 600mm rafter centres

Panel ventilator for open eaves details with double row flyscreen, positioned between the rafters on roofs below 15° pitch. Material: Black PVC.

Airflow per panel: 13,786mm².

Pack of 50

HD 4525: size to suit 450mm rafter centres

Airflow per panel: 10,264mm².

Pack of 50

HD 4025: size to suit 400mm rafter centres

Airflow per panel: 8,948mm².

Pack of 50

HD URT

UNIVERSAL REFURB. TRAY VENTILATOR



Suitable for use with rafters of any spacing

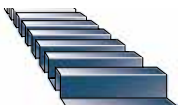
A rafter tray specifically designed for retro installation into the eaves to ensure that insulation blockages of ventilating air do not occur. Rafter centres above 450mm are accommodated by joining panels and trimming to suit.

Conforms to 10mm and 25mm openings for airflow requirements. Material: Black PVC. Airflow per panel: 12,500mm². Panel width: 397mm

Pack of 25

HD 5000

UNIVERSAL ROLL PANEL VENTILATOR

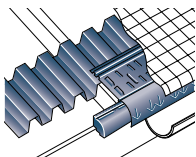


Universal roll panel ventilator with variable rafter centre capability – 6 metre lengths.

Material: Black PVC. Airflow: 25,000mm² per metre.

Conforms to 10mm and 25mm openings for airflow requirements.

12m Pack



HD 3025VP Comprising 1 x 6 metre roll panel ventilator, 10 x 600mm underlay support trays and 6 x 1m lengths of **universal** over fascia ventilator. Airflow at 25mm position: 25,000mm² per metre. Airflow at 10mm position: 10,000mm² per metre.

HD 3000VP Comprising 6 x 1m lengths of **standard** over fascia ventilator. All other components as HD 3025VP
Airflow: 10,000mm² per metre run. 6m Pack

Ridge and Hip Ventilation



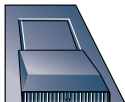
Unique universal design is adaptable to fit all commonly available ridge, tile and slate types. No special tools are required. Provides 5,000mm² airflow area per linear metre to both roof slopes making it ideally suited to cold and warm roofs and for batten space ventilation. Available in 6 linear metre packs or 3m packs (HD ROR3 & HD CON3). Optional tile clip available, code HD DVC, for connecting small cuts of interlocking tiles on all Dry Fix hip systems.

Optional universal hip tray, 1.65m long, available in packs of 10, code **HDL HT165**.

Also available in 3m length **HDL HT300**.

Slate Roof Ventilators

All of these ventilators are suitable for batten or sark board fixing. Moisture diversion plate – HD IL/DP – optional extra for all flush fitting slate ventilators.



Universal slate roof ventilator for man-made or natural slates. Black polypropylene, Grey to order. Actual ventilation area: 5,000mm². Not suitable for soil ventilation or mechanical extraction.

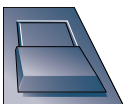
Size to suit either:

600 x 300mm or

500 x 250mm slates when trimmed.

Pack of 10

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



Universal slate roof ventilator for man-made or natural slates, suitable for soil ventilation and mechanical extraction. Black polypropylene, Grey to order. Actual ventilation area: 10,000mm².

Size to suit either:

600 x 300mm or

500 x 250mm slates when trimmed.

Pack of 10

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



Slate roof ventilator for man-made or natural slates. Black polypropylene.

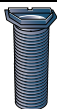
Actual ventilation area: 10,000mm².

Suitable for soil ventilation or mechanical extraction.

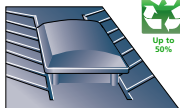
Size to suit: 500 x 250mm slates

Pack of 10

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

HD SPA**SOIL PIPE ADAPTER KIT**

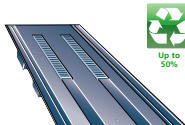
Connects standard 110mm pipework to 10,000mm² ventilators. May be used for soil ventilation and mechanical extraction with HD SRV10U and HD SRV10/20 ventilators.
Actual airflow: 8,000mm². Pack of 10

HD SRV680**SLATE ROOF VENTILATOR**

Slate roof ventilator with large base for 'random' and diminishing course slate roofs.
Can be trimmed to 600 x 300mm base size.
Black polypropylene, Grey to order.
Actual ventilation area: 20,000mm².
Size: 680 x 450mm Pack of 5
Minimum rafter pitch: 22.5° or 25° depending on head lap.

HD SPA680**SOIL PIPE ADAPTER KIT**

Connects standard 110mm pipework to 20,000mm² ventilator. May be used for soil ventilation and mechanical extraction with HD SRV680 ventilator.
Airflow: 8,000mm². Pack of 5

HD ILSRV10/20 & 10/24 FLUSH FIT SLATE ROOF VENTILATOR

Flush fit slate roof ventilator for man-made or natural slates. Black polypropylene, Grey to order.
Actual ventilation area: 10,000mm². Packs of 10

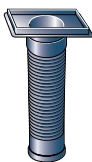
HD ILSRV10/20

Base size 565 x 290mm to suit 500 x 250mm slates.

HD ILSRV10/24

Base size 615 x 300mm to suit 600 x 300mm slates.

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

HD ILSPA**SOIL PIPE ADAPTER KIT**

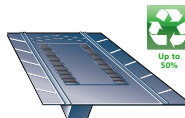
Connects standard 110mm pipework to HD ILSRV10/20 & HD ILSRV10/24. May be used for soil ventilation and mechanical extraction. Kit comprises adapter, flexi-pipe and blanking plug for the smaller ventilator spigot. Airflow: 8,000mm².

HD ILSPA - Complete kit

Pack of 5

HD ILA - Adapter only

Pack of 10

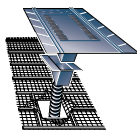
HD ILSRV10/U**FLUSH FITTING SLATE ROOF VENTILATOR**

Flush fitting slate roof ventilator with universal application. Black polypropylene, Grey to order.
Actual ventilation area: 10,000mm².

To suit either
600 x 300mm or
500 x 250mm or
450 x 230mm slates

Pack of 5

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

HD ILSPAU**SOIL PIPE ADAPTER KIT**

Connects standard 110mm pipework to the 10,000mm² HD ILSRV10/U ventilator. May be used for soil ventilation or mechanical extraction.

HD ILSPAU - Complete kit

Pack of 5

HD ILAU - Adapter only

Pack of 10

Tile Roof Ventilators

Moisture diversion plate HD IL/DP optional extra for all flush fitting tile ventilators. **Minimum rafter pitch to all HDTV15 series ventilator: 17.5°.**

HD TV15/1

TILE ROOF VENTILATOR

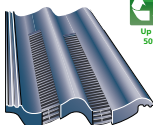


Tile roof ventilator for use with Marley Modern type, Redland Mini Stonewold type, Sandtoft Calderdale type, Redbank Bretton type, Quinn Western Slate MK 2 type and Lagan Flat type tiles. Made from polypropylene in Terracotta, Brown, Grey and Antique Red. Black to special order.

Actual ventilation area: 15,000mm². Pack of 5
Minimum rafter pitch: 17.5°.

HD TV15/2

TILE ROOF VENTILATOR

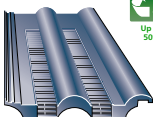


Tile roof ventilator for use with Marley Mendip type, Redland Grovebury type, Russell Pennine type and Quinn Locherne type tiles. Made from polypropylene in Terracotta, Brown, Grey and Antique Red. Black to special order.

Actual ventilation area: 15,000mm². Pack of 5
Minimum rafter pitch: 17.5°.

HD TV15/3

TILE ROOF VENTILATOR

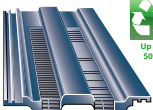


Tile roof ventilator for use with Marley Double Roman type, Redland Double Roman type, Russells Double Roman type, Sandtoft Double Roman type and Lagan Double Roll type tiles. Made from polypropylene in Terracotta, Brown, Grey and Antique Red. Black to special order.

Actual ventilation area: 15,000mm². Pack of 5
Minimum rafter pitch: 17.5°.

HD TV15/4

TILE ROOF VENTILATOR

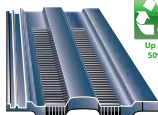


Tile roof ventilator for use with Marley Ludlow Major type and Russells Cheviot type tiles. Made from polypropylene in Terracotta, Brown, Grey and Antique Red.

Actual ventilation area: 15,000mm². Pack of 5
Minimum rafter pitch: 17.5°.

HD TV15/7

TILE ROOF VENTILATOR



Tile roof ventilator for use with Redland Renown type tiles. Made from polypropylene in Terracotta, Brown, Grey and Antique Red.

Actual ventilation area: 15,000mm². Pack of 5
Minimum rafter pitch: 17.5°.

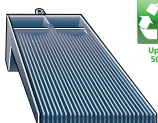
HD TVSPA

SOIL PIPE ADAPTER KIT



Connects standard 110mm pipework to all HD TV/15 series tile roof ventilators. May be used for soil ventilation or mechanical extraction.
Actual ventilation area: 8,000mm².

HD TVSPA – complete kit Pack of 5
HD TVA – tile ventilator adapter only Pack of 10

HD TV10/5**PLAIN TILE VENTILATOR**

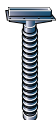
Tile ventilator compatible with most plain concrete and clay tile types. Made from polypropylene in Terracotta, Brown, Grey and Antique Red. Special colours to order.

Actual ventilation area: 2,000mm² per ventilator.

Note: Fit 5 per metre to achieve 10,000mm² airflow.

Minimum rafter pitch: 35°

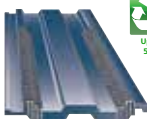
Pack of 5

HD PCSPA**SOIL PIPE ADAPTER**

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

Airflow: 4000mm².

Pack of 5

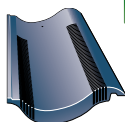
HD TV10/6**TILE ROOF VENTILATOR**

Tile roof ventilator for use with Marley Ludlow Plus type, Redland 49 type and Sandtoft Standard Pattern type tiles. Made from polypropylene in Terracotta, Brown, Grey and Antique Red.

Actual ventilation area: 10,000mm².

Minimum rafter pitch: 22.5°.

Pack of 5

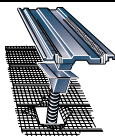
HD TV10/8**TILE ROOF VENTILATOR**

Tile roof ventilator for use with Marley Anglia type, Redland Norfolk Pantile type and Sandtoft Shire type tiles. Made from polypropylene in Terracotta, Brown, Grey and Antique Red. Black to order.

Actual ventilation area: 10,000mm².

Minimum rafter pitch: 22.5°.

Pack of 5

HD RSPA**SOIL PIPE ADAPTER KIT**

Connects standard 110mm pipework to HD TV10/6 and HD TV10/8 ventilators.

May be used for soil ventilation or mechanical extraction.

Airflow: 8,000mm².

Pack of 5



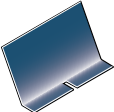

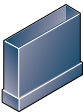








HD FPC**FLEXI PIPE CONNECTOR**

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

Length overall: 510mm.

Pack of 12

Cavity and Underfloor Ventilators

HD 9600M   5 - 100%	TELESCOPIC UNDERFLOOR VENTILATOR <p>Telescopic underfloor ventilator – 3 to 5 course height adjustment. Black polypropylene. Airflow area in excess of 7,000mm² per unit. (Also available with factory fitted internal Vermin Screen: Code HD 9600B).</p> <p>Pack of 10</p>
HD 9600CT   5 - 100%	OPTIONAL CAVITY TRAY <p>Designed to connect to the HD 9600M telescopic underfloor ventilator.</p> <p>Pack of 10</p>
HD 9610/2   5 - 100%	UNDERFLOOR VERTICAL EXTENSION SLEEVE <p>A two course vertical extension sleeve for the HD 9600M. Can be used in multiples to achieve any desired height.</p> <p>Pack of 10</p>
HD 9660T & HD 9660M   5 - 100%	UNDERFLOOR HORIZONTAL EXTENSION SLEEVES <p>Designed to extend the reach of the underfloor ventilator 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.</p> <p>Pack of 10</p>
HD 9620   5 - 100%	SQUARE TO ROUND ADAPTER <p>Designed to fit Telescopic Underfloor Ventilator and connects to standard 110mm soil or drainage pipe. Black polypropylene. Asymmetric design suitable for use immediately below pre-cast concrete floors.</p> <p>Pack of 10</p>
HD 9300   5 - 100%	AIRBRICK VENTILATOR <p>Single brick ventilator with vertical interlock facility. Made from polypropylene in Terracotta, Buff, Black and Brown.</p> <p>Airflow area: 7,000mm². Pack of 20</p> <p>These airbricks can be interlocked together for double and triple applications.</p>
HD 9300G 	GAS VENTILATOR GRILLE BRICK VENTILATOR <p>Factory fitted option to standard airbrick ventilator. Meets with BS 5440 requirements. Clip together facility to form 225 x 150mm and 225 x 225mm configurations. Actual free airflow area stated on each grille at 7,500mm².</p> <p>HD 9300G: 225 x 75mm Pack of 20</p>

HD 9350/1/2/3**AIRBRICK VENTILATOR SLEEVE**

Semi rigid sleeve designed to ventilate through standard cavity walls – single air brick size. Black polypropylene.

Length: W217mm x H61mm x D280mm

Pack of 10



Double air brick size - Black polypropylene

Length: W217mm x H134mm x D280mm

Pack of 5



Triple air brick size - Black polypropylene

Length: W217mm x H210mm x D280mm

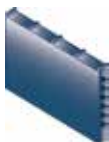
Pack of 5

HD 9800**LINTEL STOP END**

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.

Black polypropylene.

Pack of 50

HD 9500**WEEP VENTILATOR**

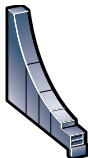
For use in conjunction with cavity trays and lintels. Provides for cavity ventilation and moisture escape. Made from polypropylene in White, Black, Buff, Terracotta, Brown, Grey and Translucent. Suitable for traditional and timber frame build.

Height: 68mm

Length: 100mm

Airflow per ventilator: 260mm².

Pack of 50

HD 9100**PERP WEEP**

Used to allow the release of moisture above lintels and cavity trays.

Material: polypropylene.

Colours: Translucent, Buff and Terracotta.

Height: 70mm

Length: 100mm

Pack of 50

HD 9200**PERP WEEP EXTENSION**

Perp weep extension clips to perp weep singularly or in multiples to accommodate different outer leaf constructions – e.g. render of different thicknesses.

Height: 70mm

Length: 30mm

Pack of 20

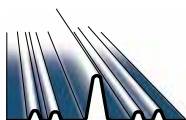
Dry Fix Valley Troughs



PLEASE NOTE For application recommendations refer to our main Product Brochure or telephone our Sales Office on 01327 701910

HDL DVT/1 & 2

DRY FIX VALLEY FOR HIGH PROFILE TILES



Dry Fix mortarless GRP valley trough creates close-cut appearance on new build and refurbishment. Suitable for all profiled tiles. Available in standard lead grey colour, this unique product cuts fixing time by up to 50%.

Central upstand height: 105mm

HDL DVT/1 x L3000mm

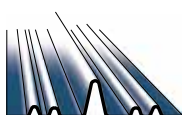
Pack of 5

HDL DVT/2 x L2400mm

Pack of 5

HDL DVLPT/1 & 2

DRY FIX VALLEY FOR LOW PROFILE TILES



Dry Fix mortarless GRP valley trough creates close-cut appearance on new build and refurbishment. Suitable for all flat and plain tile types. Available in standard lead grey colour, this unique product cuts fixing time by up to 50%.

Central upstand height: 80mm

HDL DVLPT/1 x L3000mm

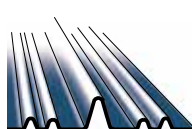
Pack of 5

HDL DVLPT/2 x L2400mm

Pack of 5

HDL DVS/1 & 2

DRY FIX VALLEY TROUGH FOR SLATES



Dry Fix mortarless GRP valley trough creates close-cut appearance on new build and refurbishment. Available in standard lead grey colour, this unique product cuts fixing time by up to 50%.

Central upstand height: 55mm

HDL DVS/1 x L3000mm

Pack of 5

HDL DVS/2 x L2400mm

Pack of 5

Dry Fix Valley Troughs (Accessories)

HD DVBP

SMALL CUT TILE SUPPORT BRIDGE

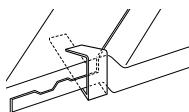


For use in conjunction with Dry Fix valley troughs for tiles to provide support where small cuts of tiles occur.

Pack of 5

HD DVC

DRY VALLEY CLIP



Available as an alternative to the DVBP for clipping together small cuts of interlocking tiles when using Hambleside Danelaw Dry Fix valley troughs and all Dry Fix hip systems.

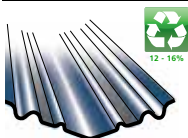
Pack of 100

Open Valley Troughs

Stormforce 225®



HDL 361, 362, 401 & 402 TILE VALLEY TROUGHS

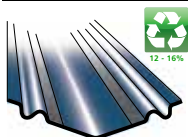


GRP valley troughs with mortar bonding strip and mortar retention bar in standard lead grey colour.

HDL 361 W380 x L3000mm	Pack of 10
HDL 362 W380 x L2400mm	Pack of 10
HDL 401 W410 x L3000mm	Pack of 10
HDL 402 W410 x L2400mm	Pack of 10

HDL RP3 & RP4

TILE VALLEY TROUGHS

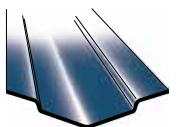


GRP valley troughs with mortar bonding strip, in standard lead grey colour.

HDL RP3 W380 x L3000mm	Pack of 10
HDL RP4 W380 x L2400mm	Pack of 10

HDL SVTU & SVT

SLATE VALLEY TROUGHS

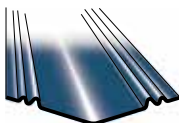


GRP valley trough in standard lead grey colour.

HDL SVTU W360mm x L3000mm	Pack of 10
HDL SVT W330mm x L3000mm	Pack of 10

HDL SSVT

SCOTTISH SLATE VALLEY TROUGH



A GRP slate valley trough for use on fully boarded roofs specially designed for the Scottish market.

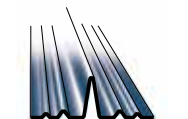
W360 x L3000mm	Pack of 10
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Bonding Gutters®



HDL DBG1

DRY FIX BONDING GUTTER®

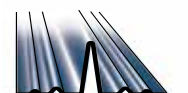


DBG1 is manufactured with a central upstand to suit slates, flat interlocking and plain tiles for joining dissimilar roof coverings.

Central upstand height: 70mm	Pack of 5
W210 x L3000mm	

HDL DBG2

DRY FIX BONDING GUTTER®



DBG2 is manufactured with a central upstand to suit profiled tiles on one or both sides and also typical Scottish practice where there may be tiling battens on one side only.

Central upstand height: 100mm	Pack of 5
W210 x L3000mm	

HDL BG**BONDING GUTTER®**

A GRP profile for use when joining dissimilar roof coverings – e.g. slate to tile or two different tile types, complete with integral mortar bonding strip.

W225 x L3000mm

Pack of 10

Continuous Soakers

**HDL CST****CONTINUOUS SOAKERS – TILE**

A GRP continuous abutment soaker in standard lead grey colour with mortar bonding strip. Available lipped for fixing directly into the wall or unlipped for use with a separate lead or GRP cover flashing.

Unlipped: H140 x W170 x L3000mm Pack of 10

Lipped: H150 x W170 x L3000mm Pack of 10

HDL CSS**CONTINUOUS SOAKERS – SLATE**

A GRP continuous abutment soaker in standard lead grey colour. Available lipped for fixing directly into the wall or unlipped for use with a separate lead or GRP cover flashing.

Unlipped: H140 x W170 x L3000mm Pack of 10

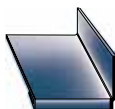
Lipped: H150 x W170 x L3000mm Pack of 10

HDL SCSS**SCOTTISH CONTINUOUS SOAKER – SLATE**

A GRP continuous abutment soaker in standard lead grey colour. Available for fixing directly to sark boards and unlipped for use with a separate lead or GRP cover flashing.

Unlipped: H200 x W160 x L3000mm Pack of 10

Individual Dry Soakers

HD MDS**INTERLOCKING TILES**

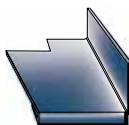
Lightweight polypropylene dry soaker suitable for use with Marley Modern type interlocking flat concrete tiles – left or right handed. H75 x W185 x L430mm. Colour: Grey.

HD MDS/R Right Handed (illustrated)

Pack of 50

HD MDS/L Left Handed

Pack of 50

HD RRS**INTERLOCKING TILES**

Lightweight polypropylene dry soaker suitable for use with Redland Richmond type tiles – left or right handed. Not suitable for Redland Richmond 10 type tiles. H75 x W180 x L430mm. Colour: Grey.

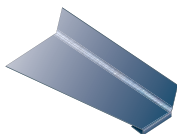
HD RRS/R Right Handed (illustrated)

Pack of 50

HD RRS/L Left Handed

Pack of 50

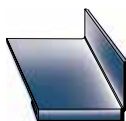
HD RTS	INTERLOCKING TILES
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Lightweight polypropylene dry soaker suitable for use with Redland 10 and Russell Galloway type tiles – left or right handed. H75 x W175 x L410mm. Colour: Grey.

HD RTS/R Right Handed (illustrated) Pack of 50
HD RTS/L Left Handed Pack of 50

HD SRRS	INTERLOCKING TILES
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Lightweight polypropylene dry soaker suitable for use with Marley Edgemere type tiles – left or right handed. H75 x W180 x L430mm. Colour: Grey.

HD SRRS/R Right Handed (illustrated) Pack of 50
HD SRRS/L Left Handed Pack of 50

HD PCS	PLAIN TILES
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Lightweight polypropylene dry soaker for plain clay and concrete tiles – left or right handed. H75 x W100 x L170mm. Colour: Black.

HD PCS/R Right Handed (illustrated) Pack of 50
HD PCS/L Left Handed Pack of 50

HD DTS	INTERLOCKING DUO TILES
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Lightweight polypropylene dry soaker suitable for use with Forticrete Gemini/Minislate, Marley Ashmore and Redland Duo Plain type tiles – left or right handed. H105 x W145 x L240mm. Colour: Black.

HD DTS/R Right Handed Pack of 50
HD DTS/L Left Handed (illustrated) Pack of 50

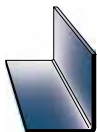
HD RCS	INTERLOCKING SLATES
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Lightweight polypropylene dry soaker suitable for use with Redland Cambrian and Marley Melbourn type slates – left or right handed. H105 x W155 x L280mm. Colour: Black.

HD DTS/R Right Handed Pack of 50
HD DTS/L Left Handed (illustrated) Pack of 50

HD SS500 & HD SS600	SLATES
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Lightweight polypropylene dry soaker for use with 500 x 250mm and 600 x 300mm slates. Colour: Black.

HD SS500 H85 x W100 x L300mm Pack of 50
HD SS600 H85 x W100 x L380mm Pack of 50




Continuous Dry Verges

HDL DV6	DRY FIX CONTINUOUS DRY VERGE
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GRP dry verge in attractive slate grey colour. Under batten fixing, suitable for natural and man-made slates.

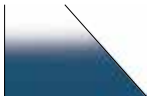
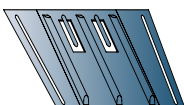
Gap W40 x L3000mm Pack of 10

HDL DV8	DRY FIX CONTINUOUS DRY VERGE	
	<p>GRP dry verge in attractive slate grey colour. Face fixing, suitable for natural and man-made slates.</p> <p>Gap W55 x L3000mm</p> <p>Pack of 10</p>	
HDL DV7	DRY FIX CONTINUOUS SCOTVERGE	
	<p>GRP dry verge in attractive slate grey colour. For the Scottish practice, sark board or over-batten fixing, suitable for natural and man-made slates.</p> <p>Gap W16 x L3000mm</p> <p>Pack of 10</p>	
HDL DV9	DRY FIX CONTINUOUS SCOTVERGE	
	<p>GRP dry verge in attractive slate grey colour. For the Scottish practice, face fixing, suitable for natural and man-made slates.</p> <p>Gap W35 x L3000mm</p> <p>Pack of 10</p>	

Interlocking Dry Verge

HD IDV	INTERLOCKING DRY VERGE SYSTEM	
<p>NEW PRODUCT</p> 	<p>Stylish design to compliment both interlocking flat and profiled tiles HD IDV. Angular adjustment to accommodate roof sprockets and starter units designed to avoid gutter interference. Also available to suit thin leading edge concrete tiles HD TIDV, both available right or left handed.</p> <p>Material - Polypropylene</p> <p>Colours - Black, Brown, Grey, Terracotta and Antique Red.</p>	
	<p>HD IDV/R - Verge Unit Right</p> <p>HD IDV/L - Verge Unit Left</p> <p>HD TIDV/R - Verge Unit Right</p> <p>HD TIDV/L - Verge Unit Left</p> <p>HD IDV/AR - Angle Ridge End Cap Kit</p> <p>HD IDV/HR - Half Round End Cap Kit</p> <p>HD IDV/ST - Starter Unit Kit</p> <p>HD IDV/BC - Batten End Clip</p>	<p>Box size 50</p> <p>Box size 50</p> <p>Box size 50</p> <p>Box size 50</p> <p>Box size 40</p> <p>Box size 40</p> <p>Box size 40</p> <p>Box size 50</p>

Ancillary Products

HDL CECS	CONTINUOUS EAVES COURSE FOR SLATE	
	<p>A GRP support eaves course replacing the first course of cut slates. Suitable for all types and sizes of slates up to 600mm long.</p> <p>W355 x L3000mm</p> <p>Pack of 10</p>	
HD ULV	UNDERLAY LAP VENTILATOR	
	<p>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.</p> <p>Material: Black PVC</p> <p>Pack of 25</p>	

HDL DPC**DAMP PROOF COURSE**

A GRP damp proof course particularly for use on sloping parapet walls up to 240mm thick.

W310 x L2400mm

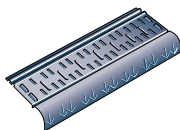
Pack of 10

HDL UACF**UNIVERSAL ABUTMENT COVER FLASHING**

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

H150 x W45 x L3000mm

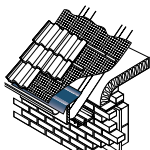
Pack of 10

HD 3000**ROOFING UNDERLAY SUPPORT TRAY**

Provides full support and eaves protection for roof underlay at eaves level – in black PVCu for easy fixing. Clip together facility for continuous support at all rafter centres.

Length: 600mm

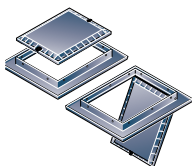
Pack of 50

HD RFST**RIGID UNDERLAY SUPPORT TRAY**

Ideally suited for eaves refurbishment, but can also be used on new build, this rigid PVC unit provides an immediate and cost effective solution to situations where damage to the roof underlay or felt has occurred.

Length: 1500mm

Pack of 10

HD TRAPPU and HD TRAPDD**LOFT ACCESS TRAP DOORS**

Attractive easy-to-install injection moulded white polypropylene push up or drop down loft access doors. Insulated with integral draft and vapour seals. Locking versions available.

Both require a clear cut opening of 562 x 662mm. Also available as 0.35 W/m²K rated trap doors:

HD TRAPPU35 and HD TRAPDD35

Sold singly

HD TRAP/DDF**DROP DOWN LOFT ACCESS DOOR - Fire Rated**

Attractive easy-to-install 22swg steel construction with high quality white powder coated finish and 20mm thick mineral fibre insulation to aid fire protection – door and frame are 1 hour Class 0 rated. Locking version available.

Requires a clear cut opening of 550 x 765mm. Also available as a 0.35W/m²K rated trap door:

HD TRAP/DDF35.

Sold singly

Hambleside Danelaw Limited
Long March
Daventry
Northamptonshire
NN11 4NR

Tel: 01327 701900
Fax: 01327 701909
Email: sales@hambleside-danelaw.co.uk
Website: www.hambleside-danelaw.co.uk

Accreditation

Our GRP flashing products carry BBA Certification. The range of valley troughs hold unique BBA multi-product certification.

Where appropriate, products are independently tested for purpose, suitability and performance by Birmingham City Laboratories.

We are associate manufacturing members of the NFRC and participate in the co-partnership guarantee scheme.

Environmental Embodied Energy & Carbon

We have calculated the embodied carbon weights on a square metre basis for our GRP products.

Embodied energy is the total primary energy consumed during the life time of a product.

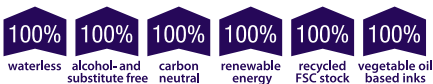
Ideally the calculation should include data from the extraction of the prime raw materials including associated production costs to the end of the products service life - this is referred to as 'Cradle to Grave'.



BCL



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