

# Corovent

Roof Ventilation

# Corodrain

Roof Drainage

## Roof ventilation & drainage

- Slate, tile & ridge vents
- Eaves ventilation
- Valley troughs
- Joining gutters
- Dry fix verge
- Dry fix ridge
- Dry fix hip
- Roofing membranes



**ariel**®

[www.arielplastics.com](http://www.arielplastics.com)



**Product  
Range  
Overview**



# Proud to be the UK's first choice for plastic building products

With a national infrastructure and the widest choice of roofing sheet, rooflights, roof ventilation and drainage products available in the UK, it is clear why Ariel Plastics lead the way in providing specialist roofing and glazing solutions attuned to today's fast paced and competitive construction market.

## Range Choice

Building on 50 years of industry experience, Ariel Plastics continue to evolve and grow the breadth and depth of its product portfolio to deliver a range that is ahead of its competition in performance, price and innovation.

## National Infrastructure

Ongoing investment in its national sales and distribution infrastructure means that Ariel Plastics can work closely with its customers to supply the products they require, when they need them wherever they are located in the UK.

## Marketing Support

Ariel is committed to providing continuous marketing support to all its customers with a comprehensive product guide, installation videos, display stands, eye catching point of sale materials and bespoke solutions.

## Culture and Values

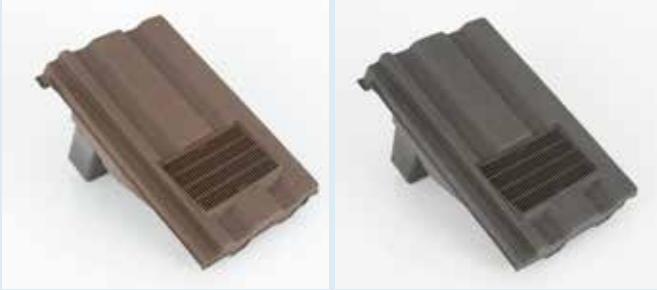
A respected company, Ariel Plastics endeavours to play a positive role as a responsible organisation that contributes positively to the communities in which it operates, minimises the impact of its business activities on the environment, provides a safe working environment, provides opportunities for employees, treats all stakeholders and partners with respect, and advocates good practice and behaviours.

 **CHOICE**  **SERVICE**  **SUPPORT**

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### Profiled Tile Roofline Vents *RV10K/RP10K*



A discreet interlocking tile vent that is almost invisible from the ground. The vent will be the same size as the tile it is matching.

**FEATURES:**

Discreet cassette system  
 Ventilation Area: 10,000mm<sup>2</sup>  
 Airflow resistance: 19.5 pascals at 30 litres per sec (RP10K)

### Slate Roofline Vents *RV10K/RP10K*

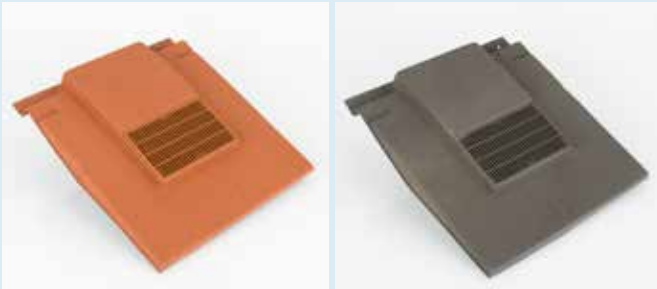


An exceptionally discreet vent designed for use in slate roofs available riven to match natural slate or plain, matching man made tiles.

**FEATURES:**

Ventilation Area: 10,000mm<sup>2</sup>  
 Airflow Resistance: 19.5 Pascals at 30 litres per sec (RP10K)

### Plain Tile Roofline Vents *RV8K/RP8K*

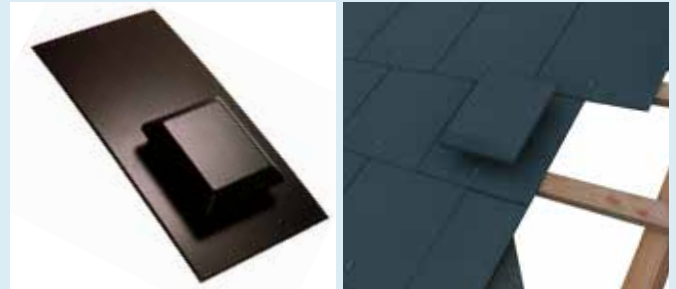


A neat and compact design that will maintain the aesthetics of a plain tile roof. This vent is designed for use with the standard 265mm x 165mm plain tile, replacing only 3 tiles without the need to cut any roof battens or surrounding tiles.

**FEATURES:**

Grill and back box • Ventilation Area: 8,000mm<sup>2</sup>  
 Airflow Resistance: 20 Pascals at 30 litres per sec (RP8K)

### Slate Cowl Vent *CV10K/CV20K CP10K/CP20K*



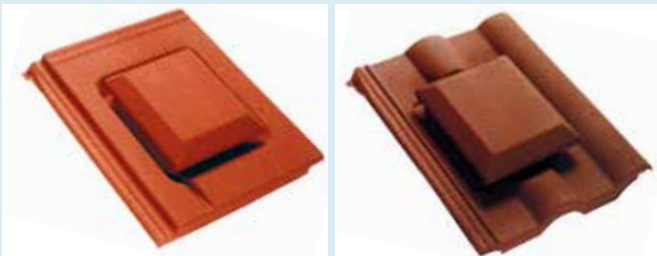
Slate vents with small and large cowl options available riven to match natural slate or plain, matching man made tiles.

**FEATURES:**

Ventilation Area: 10,000mm<sup>2</sup> and 20,000mm<sup>2</sup>  
 Airflow Resistance: 18.5 Pascals at 30 litres per sec (CP10K) and 9.5 Pascals at 30 litres per sec (CP20K)

### Interlocking and Plain Tile Cowl Vents

*CV10K/CV20K CP10K/CP20K*



A low profile cowl vent with a small and large cowl options. Cowl incorporates barriers to prevent water ingress and block wind driven rain, allowing the water to drain away downslope.

**FEATURES:**

Ventilation Area: 10,000mm<sup>2</sup> and 20,000mm<sup>2</sup>  
 Airflow Resistance: 18.5 Pascals at 30 litres per sec (CP10K) and 9.5 Pascals at 30 litres per sec (CP20K)

### Ridgeline Vents

*TV3N/TV31N/TV3SN-110/TV3SN-125*



Designed to replace a normal ridge tile, Ridgeline Vents are available to match all popular ridge tiles and can also be made to match obsolete tiles.

**FEATURES:**

Ventilation Area: 12,500mm<sup>2</sup> for ridge vents over 300mm long. Airflow Resistance: 125mm outlet 4.0 Pascals at 30 litres per sec 110mm outlet 9.9 Pascals at 30 litres per sec

## Universal Slate Vent *UNI/SLATE*



The Universal Slate Tile vent suitable for the majority of slate roofs.

**FEATURES:**

Ventilation Area: 8,000mm<sup>2</sup>

## Economy Tile Vent *HV1/HP1*



The Economy Vent provides a discreet, efficient and cost effective ventilation option for slate roofs.

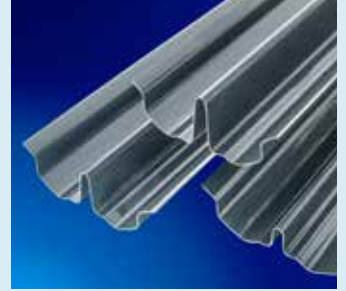
**FEATURES:**

Ventilation Area: 7,200mm<sup>2</sup>

Airflow Resistance:  
19.5 Pascals at 30 litres  
per sec (RP10K)

### Valley Troughs

The Corodrain range of BBA approved valley troughs are manufactured in GRP as an economic and durable alternative to using lead and all conform to NFRC Technical Bulletin 28. Corodrain valley troughs can be used on both slate and tiled roofs and with any combination of double or interlocking slates, clay or concrete tiles. Corodrain can also provide a weatherproof seal between roofs of terraced houses or where a new roof needs to join an existing roof.



**OPTIONS:**

A, B, D and E Valleys

Diamond 60

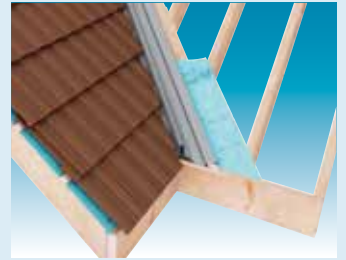
Plain Tile & Slate Valley Troughs

Plain Interlocking Tile Dry Fix Valley

Dry Fix Valleys

Dry Fix Joining Gutters

Abutment Soakers



## Dry Fix Systems

### Corovent URS *Universal Ridge System*



The Corovent URS is designed to provide a totally dry fixed and weathertight ridge that is fast and simple to install. Every ridge unit is mechanically fixed eliminating the need for mortar completely.



### Corovent DHS *Dry Hip System*



The Corovent DHS provides a mechanically fixed, weathertight and attractive finish to the hip line without the use of mortar bedding. The Corovent DHS is fully compatible with the Corovent URS Dry Ridge System.



### Corovent DVS *Dry Verge System*



The Corovent DVS is designed to provide a simple, secure method of mechanically fixing verge tiles. Cloaking verge reduces the risk of wind damage and water penetration.





# Eaves Ventilation

## Eaves Ventilation Kits



To simplify ordering and installation the Corovent Eaves Ventilation Kit provides a complete system to ventilate 6m of eaves at any common rafter centres.

### Each kit contains:

6m roll Corovent Continuous Rafter Tray  
6 Corovent Over Fascia Vents  
10 Corovent Eaves Fascia Trays

### OPTIONS:

HK1: 10mm continuous ventilation, 400mm tray  
HK2: 25mm continuous ventilation, 400mm tray  
HK21: 10mm continuous ventilation, 800mm tray  
HK22: 25mm continuous ventilation, 800mm tray

## Rafter Trays



The rafter tray maintains a clear air space of either 10 or 25mm from the eaves to the roof void, by creating a barrier for the roof space insulation. Available to match all common rafter spacings.

### OPTIONS:

RT66/RT132: Continuous Rafter Tray: 25mm air gap  
RT60/RT41: Standard Rafter Tray: 10mm & 25mm air gap  
RF60/RF40: Flyscreen Rafter Tray: 25mm air gap  
RR46: Refurb Rafter Tray: 10mm air gap

## Over Fascia Vent

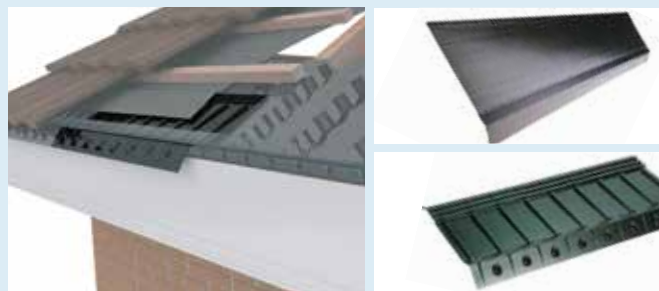


Discreet eaves ventilation which is highly effective despite being virtually invisible and is suitable for use on buildings with or without soffit overhangs and with corbelled eaves. Made from lightweight yet, very strong polypropylene, it features a 4mm grill stopping large insects or small rodents getting into the roof void

### OPTIONS:

OV10: 16mm high, provides 10mm continuous ventilation  
FV10: provides 10mm continuous ventilation  
FV25: provides 25mm continuous ventilation

## Fascia Trays



Developed to provide a neat membrane finish preventing puddling and the risk of felt rotting. These lightweight, rigid trays support the lower edge of the underlay allowing it to be cut back short of the gutter.

### OPTIONS:

FT60: 600mm long Fascia Tray  
FT150: 1500mm long Fascia Tray

## Comb Filler



Creates a barrier against birds, large insects and small rodents, preventing them from entering the cavity between the tiles and the roof felt

### OPTIONS:

CF1

## Soffit Vents



A range of vents designed for use with traditional fascia and soffit boards.

### OPTIONS:

SV10/SV25: Continuous Soffit Vent  
SA10: Angled Soffit Vent  
SD20: Soffit Disk Vent

# Corodrain

## Roof Membranes

### Vapour Permeable Underlay



Harcon VPU is a range of low resistance vapour permeable, air barrier roofing underlay. Durable, flexible and lightweight, allowing for easy installation, all Harcon VPU's offer temporary protection against wind driven rain, snow and dust.

#### OPTIONS:

Sheet weight options:

- 92 gsm
- 125 gsm
- 208 gsm



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