

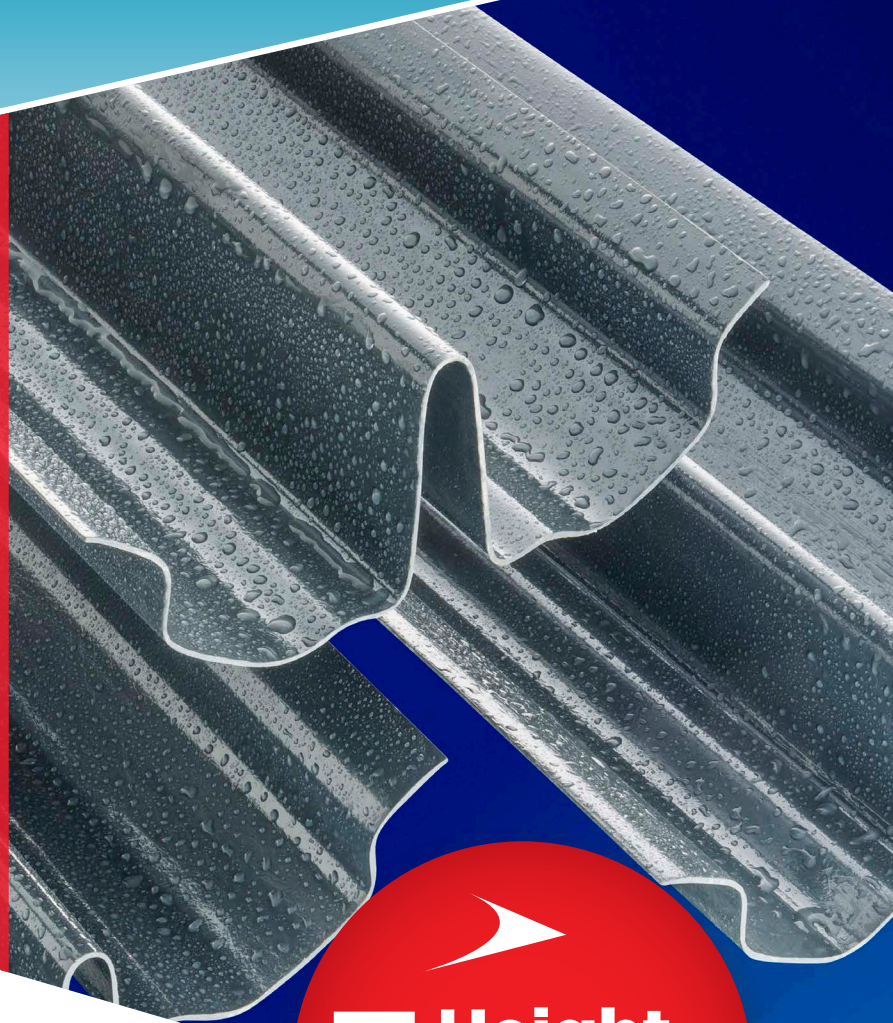


# Corodrain

Roof Drainage

## Dry Fix Valley Trough

- Dry fix mortar free solution.
- Manufactured from GRP.
- Economic and durable alternative to lead.
- Suitable for slate, clay or concrete tiles.
- Compliant to BS5534:2014.



**3** Height  
options  
available



**ariel**<sup>®</sup>

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# Corodrain

Roof Drainage



**Corodrain Dry Fix Valley Troughs** are manufactured in high performance GRP which lasts as long as lead, is tougher, cheaper and is less prone to theft or vandalism.



Fully weatherable, Ariel Dry Fix Valley Troughs offer UV and acid rain resistance, whilst their smooth surface finish inhibits the growth of moss, lichen and the build-up of debris. With the added advantage of being mortar-free, the dry fixing of valley troughs is quicker, less dependent on site skills and guarantees a neater finish than mortar bedding.

Available in 3 height options, DVU30W110, DVU30HW90 and DVU30HW70 are suitable for use in for use in tile and slate pitched roofs with pitches of 17.5° to 49°, the Dry Fix Valley Troughs can accommodate a maximum difference between two rafter pitches of 15°.

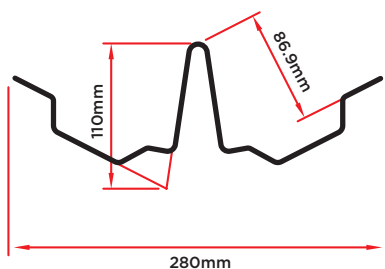
# Dry Fix Valley Trough Range

Dry Fix Valley Trough for **High Profile Tiles**

DVU30HW110

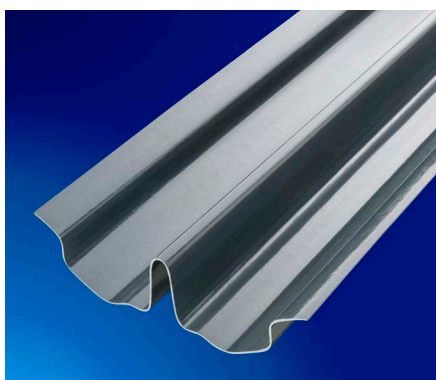


Manufactured with a central upstand at 110mm in height and suitable for high profile tiles.

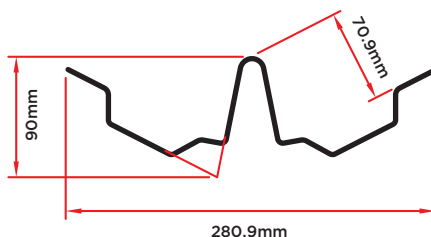


**2** Dry Fix Valley Trough for **Low Profile Tiles or Plain Tiles**

DVU30HW90

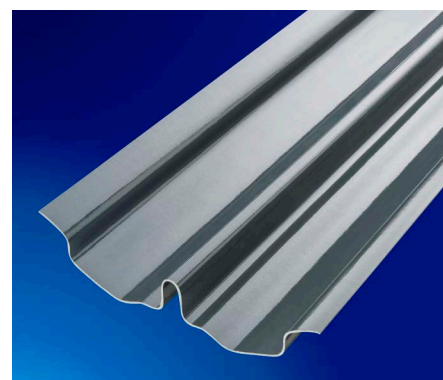


Manufactured with a central upstand at 90mm in height and suitable for low profile tiles.

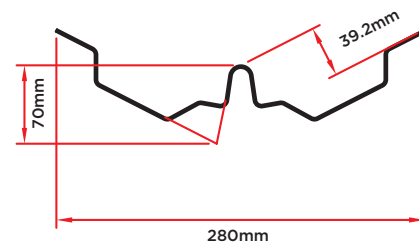


**3** Dry Fix Valley Trough for **Slate Tiles**

DVU30HW70



Manufactured with a central upstand at 70mm in height and suitable for slate tiles.

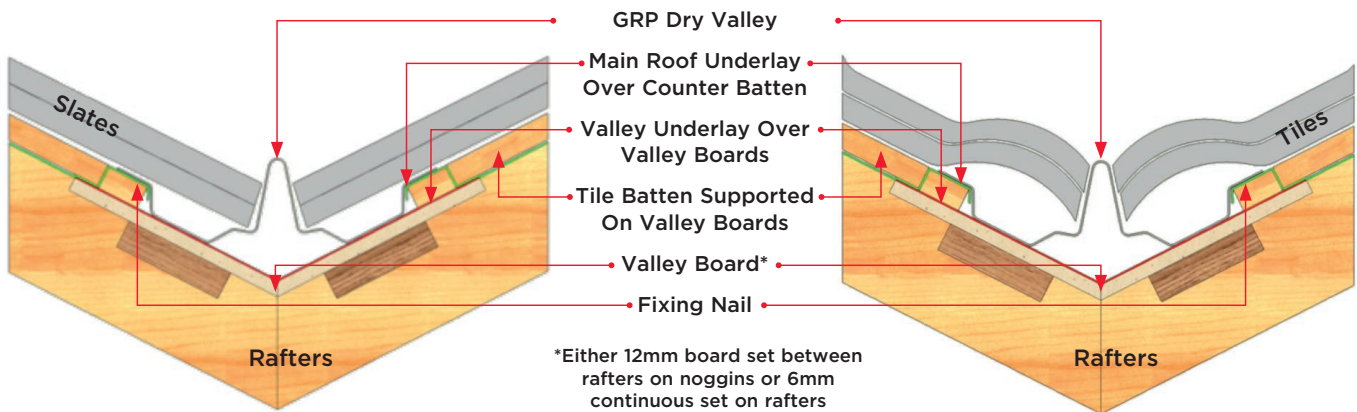


## Specification

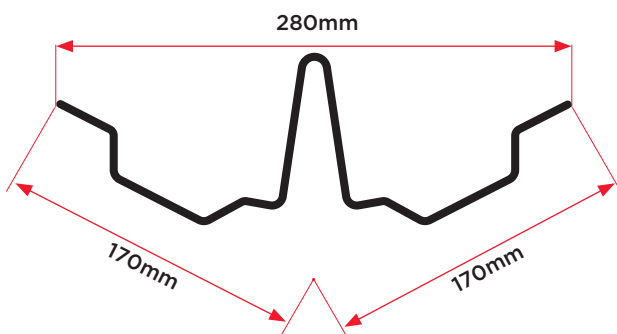
Width	280mm
Thickness	2mm
Standard Weight	3.6kg/m <sup>2</sup>
Length	3000mm
Colour	Grey
Material	GRP
Fire Rating	SAB to BS476 Part 3 Class 3 to BS476 Part 7



# Dry Fix Valley Trough Installation



- Valley boards must be fitted of sufficient width to provide support for the roofing battens, either:  
min. 12mm ply lay boards set between the rafters, or 6mm continuous ply boards laid over the rafters.
- A single strip of roofing underlay should be laid up the centre of the valley.
- Counter battens the same depth as the roofing battens should be fitted onto the valley boards.
- The main roofing underlay should be laid over the counter batten.
- Roofing battens should be fitted with the ends firmly located onto the valley boards, positioned close to the counter batten, with care taken to avoid damaging the underlay.
- The fascia board should be cut to allow the GRP valley trough to pass through and discharge into the gutter without flattening out.
- The end of the GRP valley trough should be trimmed using a fine toothed hacksaw to the approximate centreline of the gutter - which normally entails a 'V shaped' cut.
- The GRP valley trough should be fitted with care taken to ensure it is centrally located between the valley boards: the sides should be nailed into the counter battens at max. 500mm centres.
- Lap requirements see below.



## Overlap Requirement

ROOF PITCH	LAP
17.5° - 22°	350mm
22.5° - 29°	300mm
30° - 39°	200mm
40° - 49°	150mm



# Ariel Dry Fix Valley Troughs are designed for the installer

## An Alternative to Lead

Ariel Dry Fix Valley Troughs provide a robust, durable, and lightweight alternative to lead valleys.

- As long lasting and durable as lead
- More resistant to accidental damage
- Less prone to theft
- Similar appearance to lead
- Less expensive than lead

## Long Lasting & Maintenance Free

Manufactured in GRP, Ariel Dry Fix Valley Troughs are long lasting and maintenance free.

- The valley troughs are both UV light and acid rain resistant providing enhanced weatherability
- The smooth surface inhibits the growth of moss & lichen and the build-up of debris

## Ease of Installation

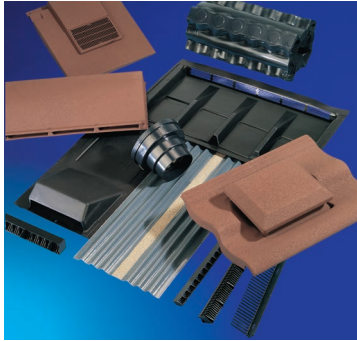
Ariel Dry Fix Valley Troughs, with the added benefit of being mortar free, are quick and easy to install providing considerable time and cost savings on site.

- Mortar free dry fix method cuts fixing time by up to 50%
- Fixes over batten for fast simple installation
- Requires less maintenance than an ordinary valley
- As no wet trades needed they can be fitted in any weather

Ariel Plastics' comprehensive product range features extensive options in roof ventilation, roof drainage and roofing membranes. To view the complete range visit [www.arielplastics.com](http://www.arielplastics.com).

# Corovent

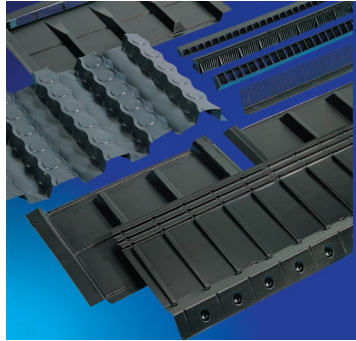
Roof Ventilation



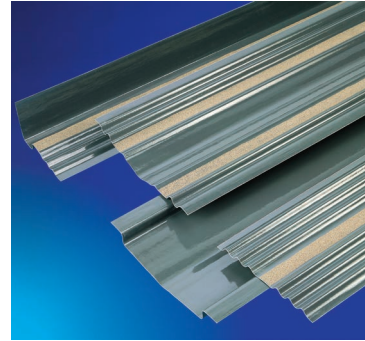
Slate, Tile & Ridge Ventilation

# Corodrain

Roof Drainage



Eaves Ventilation



Valley Troughs



Dry Verge System



Universal Ridge System



VPU and NPU membranes



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