

EVERYTHING  
you need to know about

# BS 8612

## DRY FIX SYSTEMS





## The success of dry fix

Dry fix roofing systems have become an increasingly important feature of the UK's roofscape over the last 50 years, due to their superiority in securing the most vulnerable elements of the roof, combined with their ease of installation and minimal maintenance.

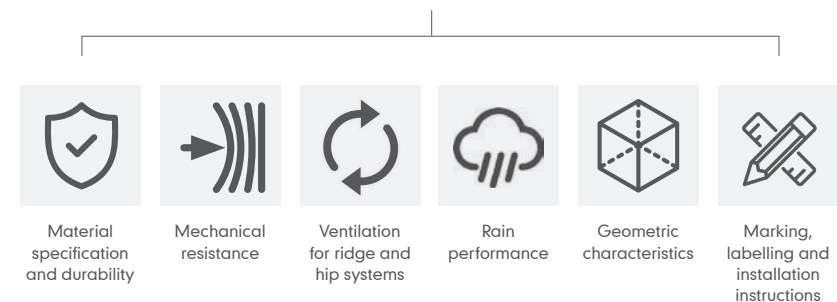
The revisions to BS 5534 in 2014 – stipulating that mortar can no longer be the only means of fixing tiles or slates – has accelerated the specification and use of dry fix systems. But, as the market has expanded, so too, unfortunately has the emergence of poorly designed and low quality dry fix products that simply aren't fit for purpose.

**TIME FOR BS 8612**  
BS 8612: 2018 is a new British Standard that specifies the performance requirements and methods of test for dry-fixed ridge and hip systems connected to timber ridge/hip battens, ridge boards or hip rafters, and for dry-fixed verge systems, which are installed with slating or tiling.



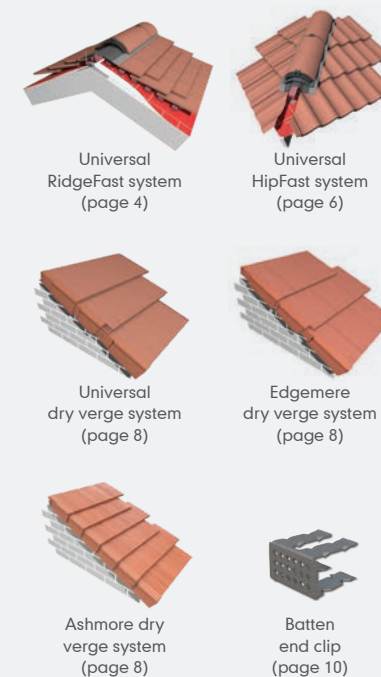
## Marley and BS 8612

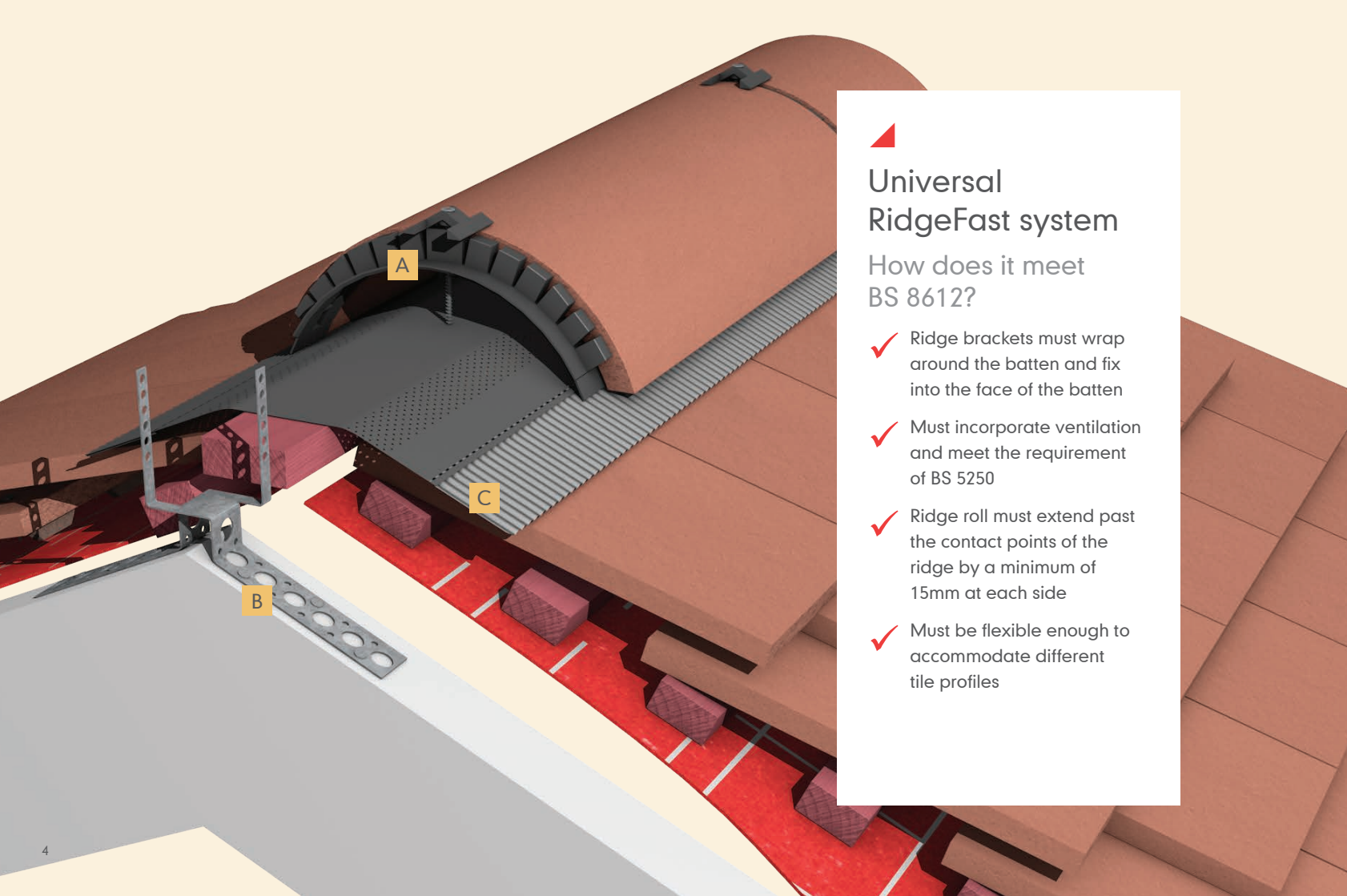
BS 8612 sets out the key quality and performance criteria and test methods for dry fixed roof systems under six essential requirements.



For more information and to book a CPD on British Standards and Regulations visit: [marley.co.uk/britishstandards](http://marley.co.uk/britishstandards)

## Marley BS 8612 compliant systems





## Universal RidgeFast system

### How does it meet BS 8612?

- ✓ Ridge brackets must wrap around the batten and fix into the face of the batten
- ✓ Must incorporate ventilation and meet the requirement of BS 5250
- ✓ Ridge roll must extend past the contact points of the ridge by a minimum of 15mm at each side
- ✓ Must be flexible enough to accommodate different tile profiles

### A Ridge unions



- ▲ Fully tested
- ▲ Freeze-thaw resistant
- ▲ UV resistant
- ▲ High grade material

Union design and quality varies dependent on manufacturer, with some systems having restrictions on compatibility.

Made of a glass fibre filled nylon, a sophisticated engineered plastic, RidgeFast unions are developed and tested to meet the highest performance requirements.

Exhaustive tests, including mechanical functionality, UV testing, freeze-thaw and thermo-cycling make them the most durable in the marketplace.

High flexibility means that they are compatible with most standard ridge tiles, regardless of manufacturer.

### B Batten bracket

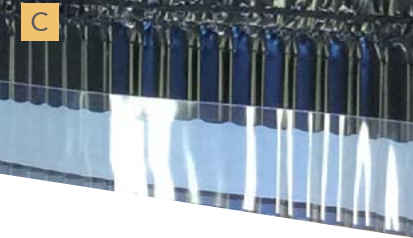


- ▲ Strongest solution
- ▲ Highly engineered
- ▲ High grade material

The bracket, fixed along the ridge at the required intervals, secures a ridge batten in place to provide the means of achieving a mechanical fix.

Bracket quality and type differ dependent on manufacturer, with some made from plastic or a low grade alloy equivalent. Strength and quality of this component is critical because of its role as an anchor point.

RidgeFast batten brackets are a unique solution, providing the strongest and most highly engineered means of securing a batten for achieving a mechanical fix.



### C Adhesive butyl strip

- ▲ Largest and thickest
- ▲ Excellent adhesion

The adhesive strip on the underside of the roll is a critical component for providing a long lasting waterproof bond between the roll element and the roof covering.

Ridge rolls not only need to stick to a range of roof tiles and slates in all weather conditions, but crucially, need to stay adhered for many years.

The RidgeFast roll has the largest and thickest butyl adhesive strip available on the market providing the highest level of tack adhesion.

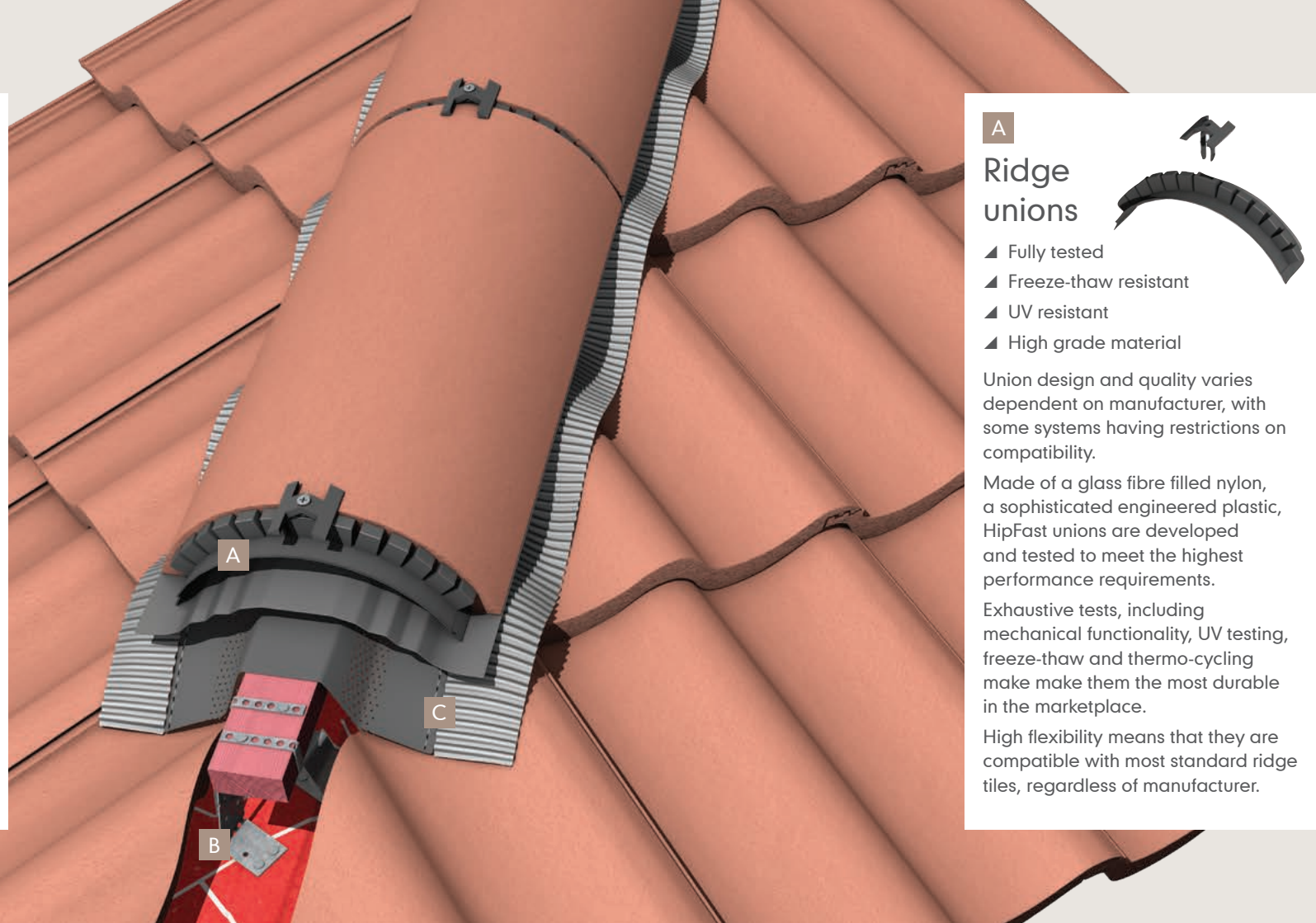




## Universal HipFast system

How does it meet BS 8612?

- ✓ Hip brackets must wrap around the batten and fix into the face of the batten
- ✓ Must incorporate ventilation and meet the requirement of BS 5250
- ✓ Hip roll must extend past the contact points of the hip by a minimum of 15mm at each side
- ✓ Must be flexible enough to accommodate different tile profiles



A

### Ridge unions



- ▲ Fully tested
- ▲ Freeze-thaw resistant
- ▲ UV resistant
- ▲ High grade material

Union design and quality varies dependent on manufacturer, with some systems having restrictions on compatibility.

Made of a glass fibre filled nylon, a sophisticated engineered plastic, HipFast unions are developed and tested to meet the highest performance requirements.

Exhaustive tests, including mechanical functionality, UV testing, freeze-thaw and thermo-cycling make them the most durable in the marketplace.

High flexibility means that they are compatible with most standard ridge tiles, regardless of manufacturer.

B

### Batten bracket



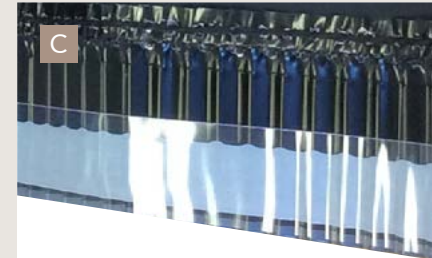
- ▲ Strongest solution
- ▲ Highly engineered
- ▲ High grade material

The bracket, fixed along the ridge at the required intervals, secures a ridge batten in place to provide the means of achieving a mechanical fix.

Bracket quality and type differ dependent on manufacturer, with some made from plastic or a low grade alloy equivalent. Strength and quality of this component is critical because of its role as an anchor point.

HipFast batten brackets are a unique solution, providing the strongest and most highly engineered means of securing a batten for achieving a mechanical fix.

C



### Adhesive butyl strip

- ▲ Largest and thickest
- ▲ Excellent adhesion

The adhesive strip on the underside of the roll is a critical component for providing a long lasting waterproof bond between the roll element and the roof covering.

Hip rolls not only need to stick to a range of roof tiles and slates in all weather conditions, but crucially, need to stay adhered for many years.

The HipFast roll has the largest and thickest butyl adhesive strip available on the market providing the highest level of tack adhesion.



## Universal, Edgemere and Ashmore dry verge systems

How do they meet BS 8612?

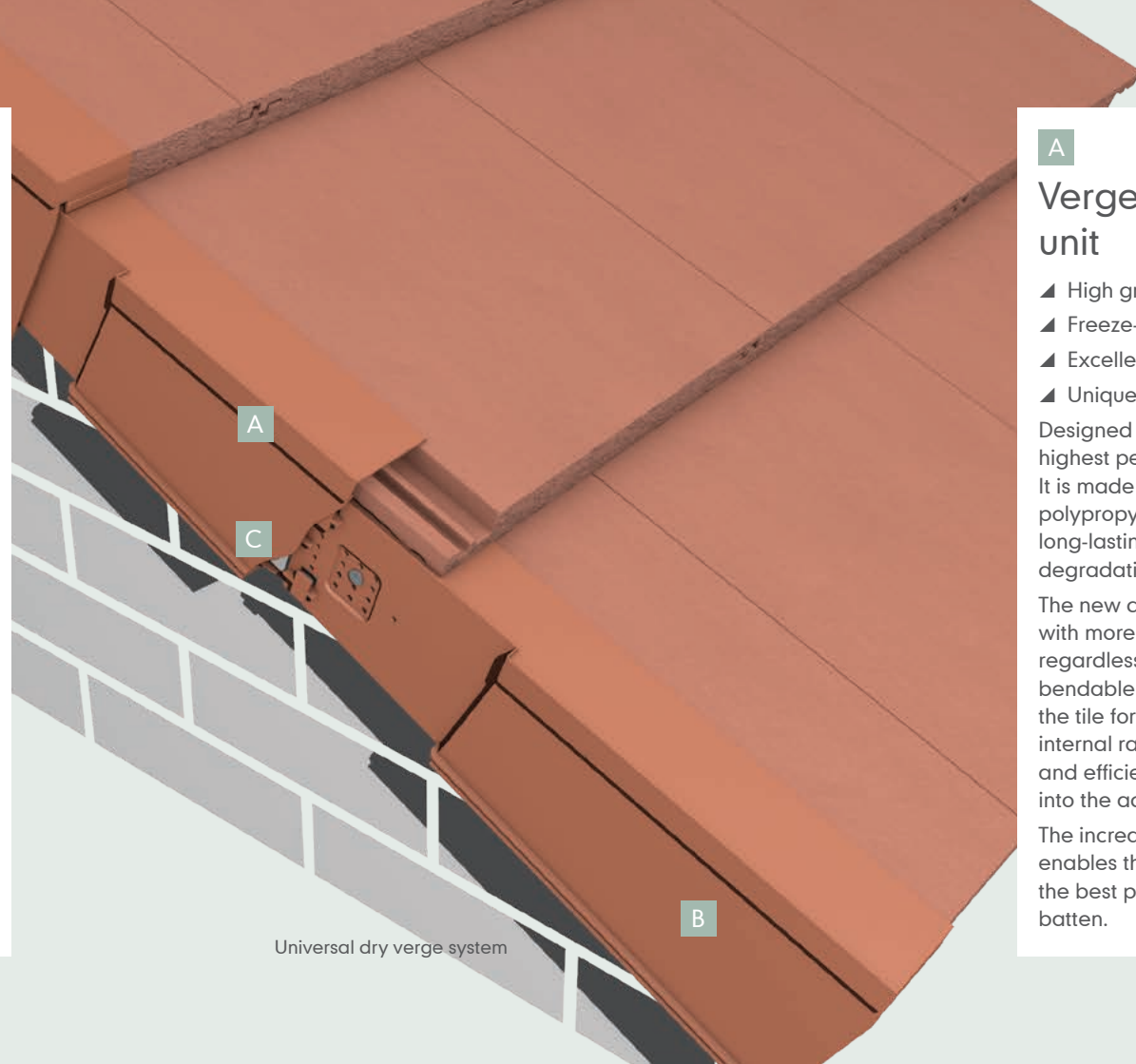
- ✓ The verge systems shall not allow water to discharge in one or more concentrated, continuous or intermittent streams on the wall
- ✓ Must safely resist the wind and dead loads acting on their surfaces



Edgemere dry verge system

Ashmore dry verge system

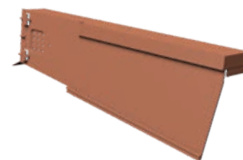
Hello I'm new



Universal dry verge system

A

### Verge unit



- ▲ High grade polypropylene
- ▲ Freeze-thaw resistant
- ▲ Excellent UV stability
- ▲ Unique rail system

Designed and tested to meet the highest performance requirements. It is made from a durable and robust polypropylene making it strong and long-lasting and resistant to UV degradation.

The new dry verge is compatible with more tile types than any other, regardless of manufacturer. It has a bendable hinge that remains flush to the tile for a higher quality finish. The internal rail system allows for a fast and efficient fixing, by simply locking into the adjacent verge unit.

The increased number of fixing holes enables the verge to be nailed in to the best position on the end of the batten.

B

### New starter bracket



- ▲ Faster and easier installation
- ▲ 360° rotation to suit all pitches

The starter bracket has been developed in conjunction with roofing contractors to make installation faster and easier than ever before.

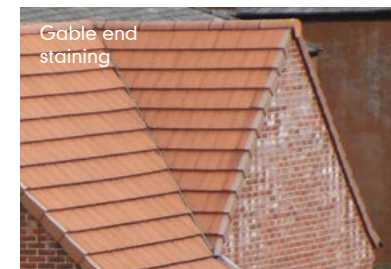
The unique design enables the starter bracket to be installed directly onto the fascia board, meaning if the guttering has already been installed (which on most occasions it will have been) there is no problem installing the bracket. The robust, secure clip firmly retains the first verge unit, whilst subtly giving a visual indication of correct fixing.

C

### Drainage channels

- ▲ Prevents staining
- ▲ High grade material

Each unit features multiple drainage channels that prevent water running off and causing gable end staining, a common problem with dry verge units that do not feature drainage channels.



Gable end staining

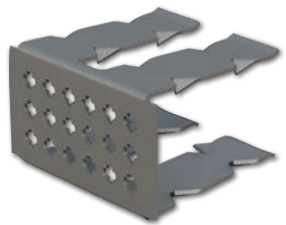




## Batten end clip

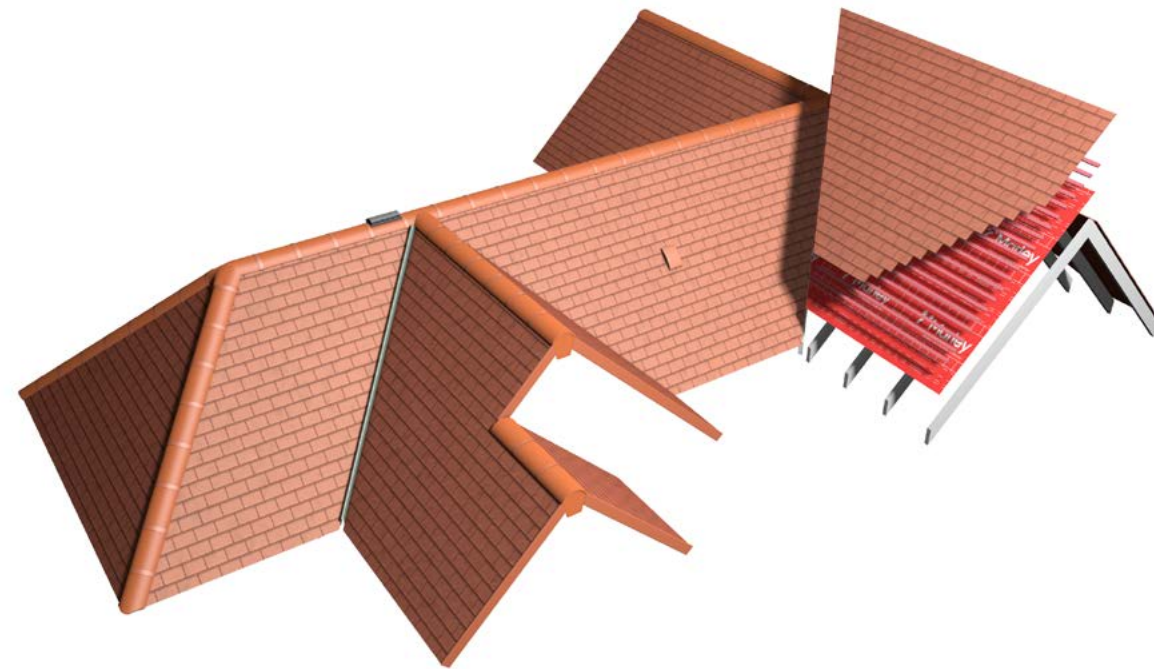
How does it meet BS 8612?

- ✓ Ensures a mechanical fix onto the face of the batten when installing dry verge



- ▲ Multiple serrations create nail-free, secure fixing to battens
- ▲ Zinc coated aluminium, one piece construction – robust and durable
- ▲ Fixing hole array allows secure, quick and easy fixing to the batten end

MARLEY ROOF  
SYSTEM WARRANTY  
**15**  
YEAR



## Warranty

Our 15 year warranty covers more pitched roofing elements than any other manufacturer and gives the ultimate assurance that our integrated roofing solutions can be specified and installed with complete confidence.

For more information about our fast, straightforward and hassle-free roof systems visit [marley.co.uk/roofsystem](http://marley.co.uk/roofsystem)

- ▲ Full 15 year warranty
- ▲ Marley NBS clauses incorporating latest British Standards
- ▲ Covers more elements than any other manufacturer
- ▲ Offers peace of mind and complete confidence
- ▲ Reduces design liabilities



# Tell me more

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Or visit [marley.co.uk](http://marley.co.uk)

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