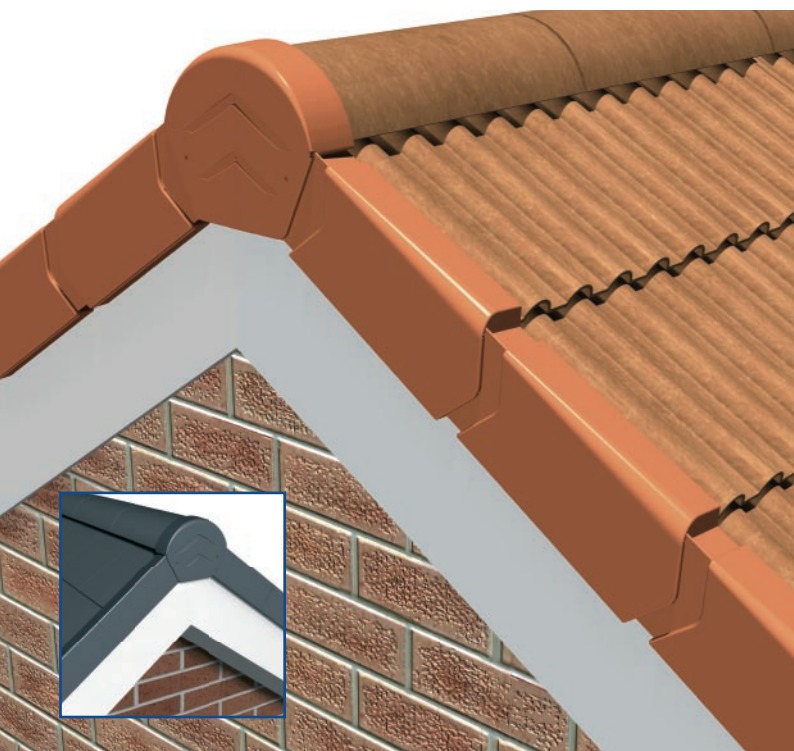




smart**verge**
smarter roofing solutions



Incorporating Linear Verge



smartverge
smarter roofing solutions

Minimum fitting time,
maximum protection

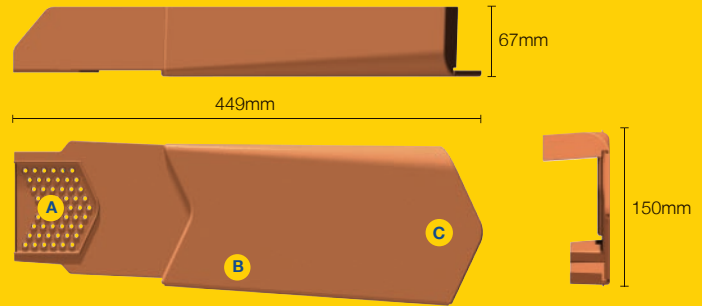
The number of storms battering the UK every year is increasing – and with this increase there's a growing realisation of the unreliability of using mortar to secure vulnerable areas of the roof such as the verge.

The Manthorpe Fast Fit Dry Verge System has been designed to provide an extremely cost-effective alternative that avoids all of the long-term maintenance problems – and costs – associated with mortar bedding.

Securing tiles to the roof whilst preventing wind uplift and providing exceptional resistance to water penetration, the system is extremely fast and easy to fit. No special tools, or skills, are required. Because the process is mechanical, bad weather isn't a problem – fitting can take place even in wet or frosty conditions. Once fitted, the system is extremely secure.

Forget about mixing and all of the mess, inconvenience and subsequent problems that come with using mortar. With the Manthorpe Fast Fit Dry Verge System you have an alternative that saves you time, increases your efficiency and delivers significant benefits to your customers.

The Verge Units



- A Nail plate/Rear flange**
- B Rain dripper**
- C Easy fit flexible clip**

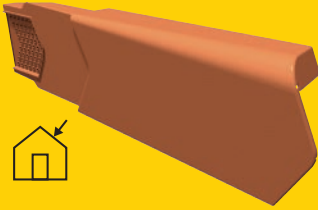
Outstanding resistance to wind uplift and water penetration

- Fast and easy to fit in all weather conditions
- Compatible with most types of interlocking concrete tiles 280mm to 345 gauge
- Special design features to ease fitting
- Exceptionally secure
- Colour fast robust UPVC material

The Manthorpe SmartVerge Fast Fit Dry Verge system has been independently wind tunnel tested by the BRE. Testing complies with the requirements of BS6399-2 1997 Code of Practice for wind loads.

The Complete System

GDV-LH Left hand dry verge unit



GDV-RH Right hand dry verge unit



GDV-END-A
Angled ridge
end cap



GDV-EC
Eaves
closure



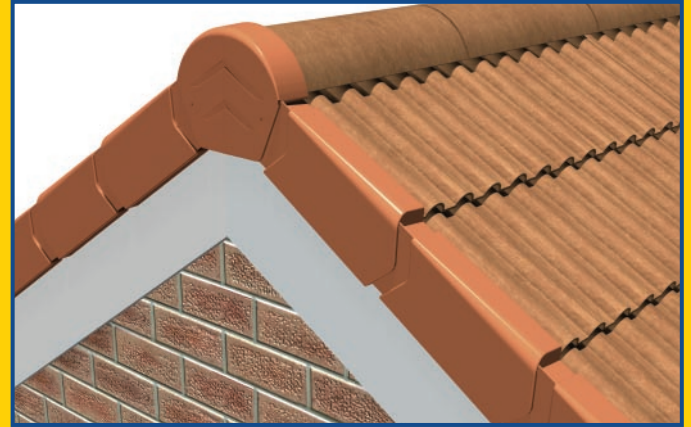
GDV-END-R
Half round ridge
end cap



GDV-REC
Rebated
Eaves Closure



System Specifications



The Verge Units

- Packed as either left or right hand units
- 50 units per box (5 bags of 10)
- Each bag contains 10 verge units plus fixing instructions

The Ridge End Caps

The end caps prevent the entry of birds and large insects into the ridge cavity, and provides an aesthetic finish to detail

- Packed in bags of 2 units (round or angled) along with fixing instructions and screws
- 10 bags per box (20 units per box)

The Eaves Closure and Rebated Eaves Closure

Prevents the entry of birds and large insects through the eaves at the base of the roof verge. The Rebated Eaves Closure allows adequate clearance for extended guttering.

- Packed in bags of 2 units along with fixing instructions and 2 x annular ring shank nails
- 20 bags per box (40 units per box)

Product Specification Guide

Reference	Description	Material	Box qty
GDV-RH	RH Dry Verge Unit	uPVC	50
GDV-LH	LH Dry Verge Unit	uPVC	50
GDV-EC	Eaves Closure	uPVC	40
GDV-END-A	Angled Ridge End Cap	uPVC	20
GDV-END-R	Round Ridge End Cap	uPVC	20
GDV-REC-BL	Rebated Eaves Closure	uPVC	40

Colour options:

Slate Grey

GR



Dark Brown

BR



Terracotta

TR



White

WH



Verge unit dimensions: 449mm L x 67mm D x 150mm H
This is a graphical representation of colours

linear dry verge system



SmartVerge for Slates
and Plain Tiles

The SmartVerge® Linear Dry Verge System from Manthorpe is a dry-fix solution to finishing the verge of a roof. It is designed especially for use with slates and interlocking plain tiles and provides an aesthetically pleasing, maintenance-free detail to gable ends.

The Linear Dry Verge System provides a strong mechanical fixing method which secures slates and/or tiles to the roof to prevent wind uplift problems and is mortar-free, making it fast and easy to fit in all weather conditions. It has been independently wind tunnel tested to comply with BS5534 requirements for mechanical fixing and is manufactured from a high grade of uPVC to provide long term UV resistance against discolouration from exposure to sunlight. A selection of ridge end caps prevents the entry of birds and large insects and aesthetically finishes the detail.

The SmartVerge® Linear Dry Verge System is ideal for both new build and refurbishment situations on roofs of 15° to 55° pitch. It is available in Slate Grey, Black, White, Terracotta and Dark Brown and is compatible with all fibre cement slates, natural slates, interlocking plain tiles, many other plain tiles and interlocking concrete tiles.

The complete system

GLV-LH Left hand linear dry
verge unit



GLV-RH Right hand linear dry
verge unit



GDV-END-A
Angled Ridge
End Cap



GDV-END-R
Round Ridge
End Cap



GLV-FC
Fixing Clip



GLV-VU
Verge Union



The Verge Units

- Packed as either left hand or right hand units
- 2 packs per box (20 units per box)
- Each pack contains 10 linear dry verge units plus fixing instructions

The Ridge End Caps

The end caps prevent the entry of birds and large insects into the ridge cavity and provides an aesthetic finish to detail.

- Packed in bags of 2 units (round or angled) along with fixing instructions and screws
- 10 bags per box (20 units per box)

Linear Dry Verge Unit

81.5mm (750mm coverage)



Dimensions



Linear Dry Verge Unit

- Fast and easy to fit in all weather conditions
- Compatible with all fibre cement and natural slate tiles and interlocking plain tiles
- Also compatible with some plain tiles and concrete interlocking tiles
- Also suitable in sarking board details
- Suitable for new build or refurbishment work
- Exceptionally secure
- Light fast robust UPVC material

The Fixing Clip

To be used to provide additional fixing points along the verge when fixing the Linear Dry Verge Units.

- Packed in bags of 2 fixing clips along with 2 nails and fixing instructions
- 10 packs per box (20 clips per box)

The Verge Union

To be used to cover a joint where 2 Linear Dry Verge Units abut each other.

- Packed in bags of 2 verge unions plus fixing instructions
- 10 packs per box (20 verge unions per box)

Product Compatibility



System Specifications



The Manthorpe Linear Dry Verge System is compatible with most Fibre Cement Slates, Natural Slates and Interlocking Plain tiles including:-

Marley Rivendale, Birkdale, Garsdale, Thrutone, Edgemere, Duo Edgemere, Melbourn, Marquess, Duo Marquess, Monarch Slates & Ashmore Interlocking Plain Tiles.

Lafarge Cambrian, Landmark, Saxon, Richmond, Natural Slates & DuoPlain Interlocking Plain Tiles.

Sandtoft Cassius, Balmoral, BritLock, BritSlate, Pennine Slates & 20/20 Interlocking Plain Tiles.

Forticrete Minislate Slates & Gemini Interlocking Plain Tiles.

Lagan Elite Slates.

Please check with the Manthorpe Technical Department if you require details of compatibility with any particular tile profile not listed above.

Product Specification Guide

Reference	Description	Material	Box qty
GLV-RH	RH Dry Verge Unit	uPVC	20
GLV-LH	LH Dry Verge Unit	uPVC	20
GDV-END-R	Round Ridge End Cap	uPVC	20
GDV-END-A	Angled Ridge End Cap	uPVC	20
GLV-FC	Fixing Clip	uPVC	20
GLV-VU	Verge Union	uPVC	20
GLV-EC	End Closer	uPVC	40

The Manthorpe SmartVerge Linear Dry Verge System has been independently wind tunnel tested by the BRE. Testing complies with the requirements of BS5534 Code of Practice for wind loads.

Colour options:

Black **BL** Slate Grey **GR** Dark Brown **BR** Terracotta **TR** White **WH**



This is a graphical representation of colours

Manthorpe Building Products Ltd
Manthorpe House
Brittain Drive
Codnor Gate Business Park
Ripley, Derbyshire DE5 3ND

Tel: 01773 514 200
Email: sales@manthorpe.co.uk
www.manthorpe.co.uk



References:

BSI: British Standard 5534: 2003

BSI: British Standard 6399-2: 1997 Code of Practice for wind loads

NHBC Standards Chapter 7.2 for pitched roofs

Manthorpe Quality

Manthorpe manufactures a range of ventilation and building products at its headquarters in Derbyshire, under a ISO9001 Quality Assurance Scheme.

All products are designed to comply with the relevant current Building Standards when fitted in accordance with the manufacturer's instructions.

The company maintains a policy of continuous development of its product range and reserves the right to amend the specifications without notice.

