

# TUDOR

Downpipe Systems

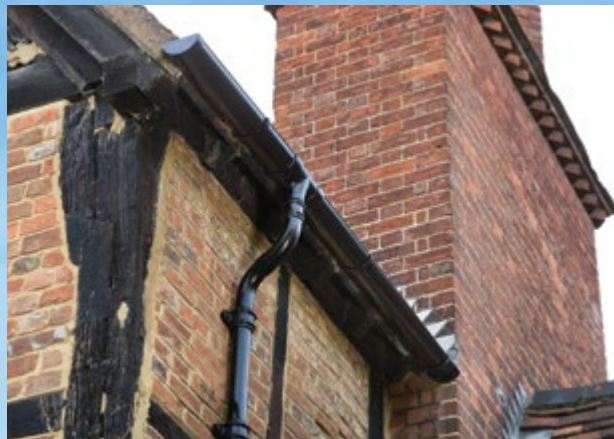


**ALUTEC**  
TUDOR DOWNPIPE SYSTEMS

## ALUTEC REVIVES MORETEYNE MANOR

A beautiful Grade II\* Tudor country house, built in 1562

**Products used:** Traditional Half Round 113mm Gutter System and Tudor 63mm Downpipe



## Introduction

Alutec, as the UK leader in innovative aluminium rainwater and eaves drainage solutions recognises the importance of conservation of period properties.

Historically, the material used most often for rainwater systems is cast iron which has served well over the years, but needs repainting every 5 - 10 years. This, together with the requirement of scaffolding or mechanical access each time it is repainted, which is now mandatory, is very costly.

However, as a result of many years' research and development, Alutec has launched the new Tudor downpipe aluminium system, which is the ultimate replacement for cast iron on listed and period style properties.

The Tudor downpipe is compatible with Alutec's range of traditional aluminium gutter systems, accurately replicating the popular British Standard cast iron gutters. This coupled with the new "Heritage Black" paint finish, which emulates the textured surface of cast iron means that there is now a credible alternative to cast iron.

### Main features and benefits

- **Lightweight, strong and durable** – Aluminium is 75% lighter than equivalent cast iron systems and more resistant to damage
- **Life expectancy** of 50 years or more and near **ZERO maintenance**
- **Highly corrosion resistant** - Aluminium naturally generates a protective oxide coating and furthermore, marine grade aluminium, used on all Alutec systems will never rust
- **Infinitely recyclable** - Aluminium can be recycled again and again without loss of quality, in fact 75% of all aluminium ever produced is still in use today
- All Alutec systems are manufactured in accordance with the appropriate British Standards, including **BS 8530:2010**
- **Sustainability** - Alutec is committed to designing the most sustainable, durable and high performance rainwater systems possible
- **Colour options and finishes** - All Alutec eaves rainwater systems are available with a BS 6496 architectural grade polyester powder coat (PPC) paint finish carried out to BS EN 12206-1:2004

## Colours and finishes

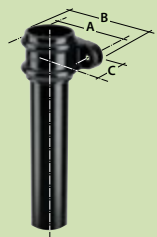
All Alutec rainwater systems are available in 21 standard colours. This includes the popular **Heritage Black**, with a textured surface, emulating the appearance of cast iron.

In addition we offer hundreds of non standard colours, call us for more details on 01234 359438.



**new**

# Tudor Circular downpipe product range



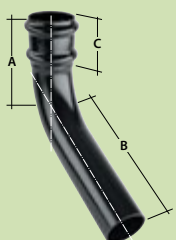
## Downpipe

| Code   | Size | Nominal Length(m) | A   | B   | C  |
|--------|------|-------------------|-----|-----|----|
| TR 206 | 63   | 1.83              | 110 | 145 | 45 |
| TR 212 | 63   | 2                 | 110 | 145 | 45 |
| TR 213 | 63   | 3                 | 110 | 145 | 45 |
| TR 306 | 76   | 1.83              | 115 | 160 | 52 |
| TR 312 | 76   | 2                 | 115 | 160 | 52 |
| TR 313 | 76   | 3                 | 115 | 160 | 52 |



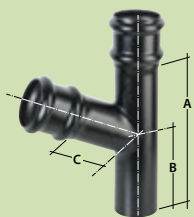
## Pipe socket

| Code     | Size | A  | B            |
|----------|------|----|--------------|
| TR 220   | 63   | 75 | 30 eared     |
| TR 220NE | 63   | 75 | 30 non eared |
| TR 320   | 76   | 81 | 30 eared     |
| TR 320NE | 76   | 81 | 30 non eared |



## Bend

| Code   | Size | Angle  | A   | B   | C  |
|--------|------|--------|-----|-----|----|
| TR 230 | 63   | 92.5°  | 150 | 240 | 70 |
| TR 232 | 63   | 112.5° | 190 | 230 | 70 |
| TR 330 | 76   | 92.5°  | 180 | 250 | 70 |
| TR 332 | 76   | 112.5° | 220 | 250 | 70 |



## Branch

| Code   | Size | Angle  | A   | B   | C   |
|--------|------|--------|-----|-----|-----|
| TR 240 | 63   | 92.5°  | 215 | 115 | 110 |
| TR 242 | 63   | 112.5° | 215 | 115 | 110 |
| TR 340 | 76   | 92.5°  | 250 | 138 | 112 |
| TR 342 | 76   | 112.5° | 250 | 119 | 130 |



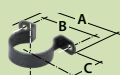
## Shoe

| Code   | Size | Angle  | A   | B   |
|--------|------|--------|-----|-----|
| TR 250 | 63   | 112.5° | 85  | 90  |
| TR 350 | 76   | 112.5° | 103 | 106 |



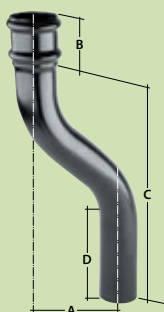
## Access pipe

| Code   | Size | A   | B   | C   |
|--------|------|-----|-----|-----|
| TR 260 | 63   | 300 | 140 | 105 |
| TR 360 | 76   | 300 | 140 | 105 |



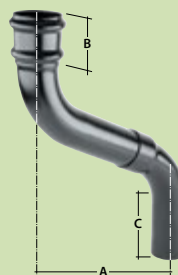
## Pipe clip

| Code   | Size | A   | B  | C  |
|--------|------|-----|----|----|
| TR 280 | 63   | 105 | 80 | 45 |
| TR 380 | 76   | 118 | 93 | 52 |



## Fixed offset

| Code    | Size | A   | B  | C   | D   |
|---------|------|-----|----|-----|-----|
| TR 2903 | 63   | 75  | 70 | 370 | 100 |
| TR 2904 | 63   | 100 | 70 | 355 | 100 |
| TR 2906 | 63   | 150 | 70 | 400 | 100 |
| TR 2909 | 63   | 225 | 70 | 400 | 100 |
| TR 2912 | 63   | 300 | 70 | 445 | 100 |
| TR 3903 | 76   | 75  | 70 | 380 | 130 |
| TR 3904 | 76   | 100 | 70 | 380 | 130 |
| TR 3906 | 76   | 150 | 70 | 400 | 130 |
| TR 3909 | 76   | 225 | 70 | 425 | 130 |
| TR 3912 | 76   | 300 | 70 | 435 | 130 |



## Adjustable offset

| Code    | Size | Angle  | A min | A max | B  | C   |
|---------|------|--------|-------|-------|----|-----|
| TR 2945 | 63   | 112.5° | 150   | 450   | 70 | 100 |
| TR 2990 | 63   | 112.5° | 150   | 900   | 70 | 100 |
| TR 3945 | 76   | 112.5° | 200   | 450   | 70 | 163 |
| TR 3990 | 76   | 112.5° | 200   | 900   | 70 | 163 |



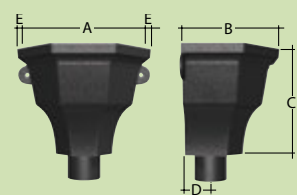
## Rainwater diverter

| Code   | Size | A   | B   | C  | D  |
|--------|------|-----|-----|----|----|
| TRD 25 | 63   | 134 | 500 | 74 | 30 |
| TRD 35 | 76   | 134 | 500 | 74 | 30 |



## Hopper head (Standard)

| Code   | Size | A   | B   | C   | D  |
|--------|------|-----|-----|-----|----|
| TH 101 | 63   | 250 | 180 | 180 | 45 |
| TH 102 | 76   | 250 | 180 | 180 | 52 |



## Hopper head (Tudor)

| Code   | Size | A   | B   | C   | D  | E  |
|--------|------|-----|-----|-----|----|----|
| TH 401 | 63   | 285 | 210 | 225 | 45 | 18 |
| TH 402 | 76   | 285 | 210 | 225 | 52 | 18 |

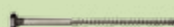


## Hopper head (Ornamental)

| Code   | Size | A   | B   | C   | D  |
|--------|------|-----|-----|-----|----|
| TH 301 | 63   | 410 | 190 | 185 | 45 |
| TH 302 | 76   | 410 | 190 | 185 | 52 |

## Compatible fixings

Roundhead fascia bracket screw



| Code  | Description                                                   |
|-------|---------------------------------------------------------------|
| SC606 | No. 12 x 70mm hexagonal<br>— for use with downpipe and hopper |
| SC607 | No. 12 x 100mm hexagonal<br>— for use with wall spacer        |



## Sealant

| Code  | Description |
|-------|-------------|
| SC101 | 310ml clear |

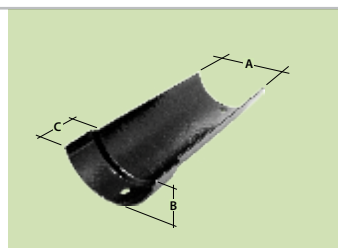
Please note sealant shelf life is 12 months.



## Wall spacer

| Code  | Description |
|-------|-------------|
| SC712 | 30mm Per 2  |

## Traditional Half Round



### Gutter

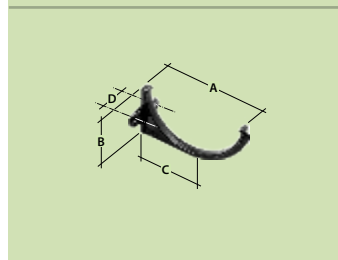
| Code   | Size | Nominal Length(m) | A   | B  | C  |
|--------|------|-------------------|-----|----|----|
| GC 406 | 100  | 1.83              | 105 | 46 | 45 |
| GC 106 | 113  | 1.83              | 119 | 51 | 45 |
| GC 506 | 125  | 1.83              | 131 | 56 | 45 |



### Union

| Code   | Size | A  |
|--------|------|----|
| GC 420 | 100  | 95 |
| GC 120 | 113  | 95 |
| GC 520 | 125  | 95 |

External



### Fascia bracket

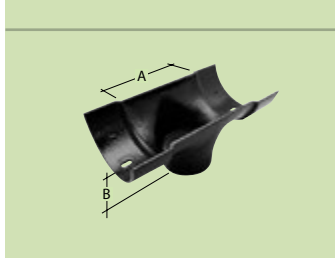
| Code   | Size | A   | B  | C  | D  |
|--------|------|-----|----|----|----|
| GC 480 | 100  | 112 | 62 | 59 | 38 |
| GC 180 | 113  | 126 | 68 | 66 | 38 |
| GC 580 | 125  | 139 | 74 | 72 | 38 |



### Angle

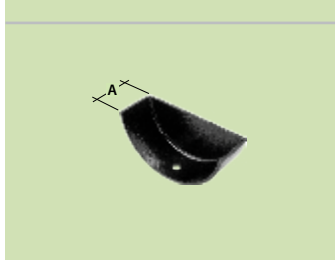
| Code   | Size | Angle | A   |
|--------|------|-------|-----|
| GC 432 | 100  | 90°   | 124 |
| GC 437 | 100  | 135°  | 59  |
| GC 132 | 113  | 90°   | 137 |
| GC 137 | 113  | 135°  | 63  |
| GC 532 | 125  | 90°   | 139 |
| GC 537 | 125  | 135°  | 55  |

Internal angle illustrated



### Outlet

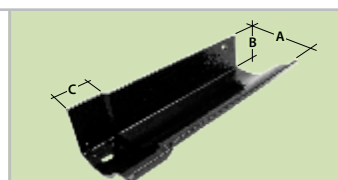
| Code   | Size | Outlet Size | A   | B  | Fascia to Outlet Centre |
|--------|------|-------------|-----|----|-------------------------|
| GC 422 | 100  | 63ø         | 134 | 80 | 61                      |
| GC 122 | 113  | 63ø         | 132 | 83 | 67                      |
| GC 522 | 125  | 63ø         | 133 | 98 | 73                      |
| GC 423 | 100  | 76ø         | 134 | 42 | 61                      |
| GC 123 | 113  | 76ø         | 132 | 47 | 67                      |
| GC 523 | 125  | 76ø         | 133 | 68 | 73                      |



### Stop end

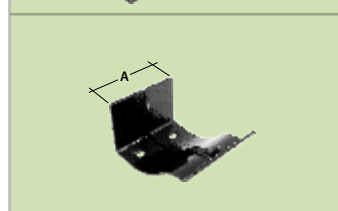
| Code   | Size | Type     | A  |
|--------|------|----------|----|
| GC 450 | 100  | Internal | 45 |
| GC 455 | 100  | External | 45 |
| GC 150 | 113  | Internal | 45 |
| GC 155 | 113  | External | 52 |
| GC 550 | 125  | Internal | 52 |
| GC 555 | 125  | External | 50 |

## Traditional Victorian Ogee



### Gutter

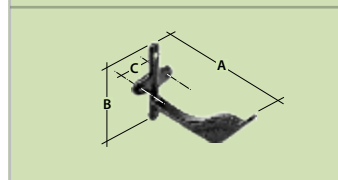
| Code   | Size | Nominal Length(m) | A   | B  | C  |
|--------|------|-------------------|-----|----|----|
| GV 406 | 100  | 1.83              | 109 | 54 | 45 |
| GV 106 | 113  | 1.83              | 121 | 61 | 45 |
| GV 506 | 125  | 1.83              | 134 | 68 | 45 |



### Union

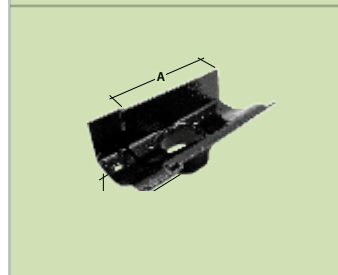
| Code   | Size | A  |
|--------|------|----|
| GV 420 | 100  | 96 |
| GV 120 | 113  | 96 |
| GV 520 | 125  | 96 |

External



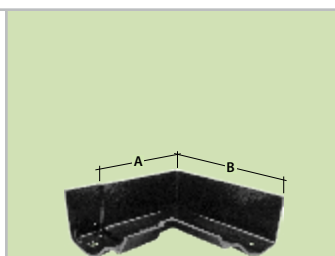
### Fascia bracket

| Code   | Size | A   | B   | C  |
|--------|------|-----|-----|----|
| GV 480 | 100  | 115 | 97  | 38 |
| GV 180 | 113  | 130 | 97  | 38 |
| GV 580 | 125  | 150 | 105 | 45 |



### Outlet

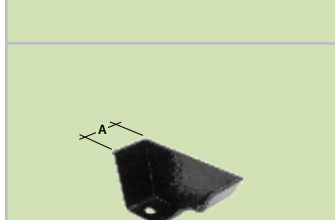
| Code   | Size | Outlet | A   | outlet centre Dr/fix | Brkt/fix | B  |
|--------|------|--------|-----|----------------------|----------|----|
| GV 422 | 100  | 63ø    | 195 | 54                   | 63       | 27 |
| GV 122 | 113  | 63ø    | 187 | 54                   | 63       | 68 |
| GV 522 | 125  | 63ø    | 190 | 54                   | 63       | 27 |
| GV 423 | 100  | 76ø    | 195 | 54                   | 63       | 27 |
| GV 123 | 113  | 76ø    | 187 | 54                   | 63       | 68 |
| GV 523 | 125  | 76ø    | 190 | 54                   | 63       | 27 |



### Angle

| Code   | Size | Angle    | A   | B   |
|--------|------|----------|-----|-----|
| GV 430 | 100  | 90° in.  | 125 | 176 |
| GV 431 | 100  | 90° ex.  | 68  | 16  |
| GV 435 | 100  | 135° in. | 75  | 16  |
| GV 436 | 100  | 135° ex. | 60  | 114 |
| GV 130 | 113  | 90° in.  | 134 | 186 |
| GV 131 | 113  | 90° ex.  | 63  | 14  |
| GV 135 | 113  | 135° in. | 124 | 67  |
| GV 136 | 113  | 135° ex. | 70  | 23  |
| GV 530 | 125  | 90° in.  | 152 | 212 |
| GV 531 | 125  | 90° ex.  | 77  | 18  |
| GV 535 | 125  | 135° in. | 69  | 125 |
| GV 536 | 125  | 135° ex. | 64  | 22  |

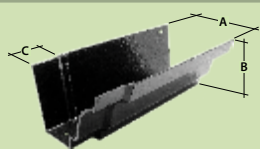
Internal angle illustrated



### Stop end

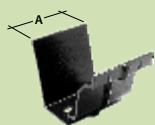
| Code   | Size | Type           | A  |
|--------|------|----------------|----|
| GV 450 | 100  | In. left hand  | 47 |
| GV 455 | 100  | Ex. right hand | 47 |
| GV 150 | 113  | In. left hand  | 45 |
| GV 155 | 113  | Ex. right hand | 45 |
| GV 550 | 125  | In. left hand  | 45 |
| GV 555 | 125  | Ex. right hand | 45 |

All dimensions are in mm. For colour range and finishes, see page 3.



## Gutter

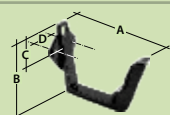
| Code   | Size    | Nominal Length(m) | A   | B   | C  |
|--------|---------|-------------------|-----|-----|----|
| GM 406 | 100x75  | 1.83              | 107 | 76  | 60 |
| GM 506 | 125x100 | 1.83              | 139 | 102 | 40 |



## Union

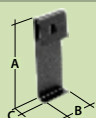
| Code   | Size    | A  |
|--------|---------|----|
| GM 420 | 100x75  | 92 |
| GM 520 | 125x100 | 85 |

Internal



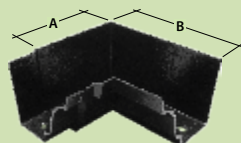
## Fascia bracket

| Code   | Size    | A   | B   | C  | D  |
|--------|---------|-----|-----|----|----|
| GM 480 | 100x75  | 117 | 99  | 30 | 38 |
| GM 580 | 125x100 | 137 | 115 | 38 | 36 |



## Direct fix bracket

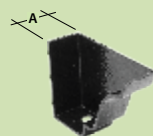
| Code   | Size    | A  | B  | C  |
|--------|---------|----|----|----|
| GM 481 | 100x75  | 69 | 24 | 9  |
| GM 581 | 125x100 | 70 | 35 | 11 |



## Angle

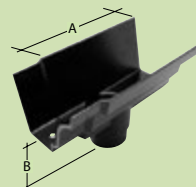
| Code   | Size    | Angle    | A   | B   |
|--------|---------|----------|-----|-----|
| GM 430 | 100x75  | 90° in.  | 127 | 183 |
| GM 431 | 100x75  | 90° ex.  | 75  | 19  |
| GM 435 | 100x75  | 135° in. | 60  | 119 |
| GM 436 | 100x75  | 135° ex. | 75  | 18  |
| GM 530 | 125x100 | 90° in.  | 160 | 205 |
| GM 531 | 125x100 | 90° ex.  | 68  | 23  |
| GM 535 | 125x100 | 135° in. | 80  | 135 |
| GM 536 | 125x100 | 135° ex. | 85  | 27  |

Internal angle illustrated



## Stop end

| Code   | Size    | Type             | A  |
|--------|---------|------------------|----|
| GM 450 | 100x75  | Ex. left handed  | 47 |
| GM 455 | 100x75  | In. right handed | 47 |
| GM 550 | 125x100 | Ex. left handed  | 46 |
| GM 555 | 125x100 | In. right handed | 46 |



## Outlet

| Code   | Size    | Outlet | A   | B  | Fascia to Outlet Centre |
|--------|---------|--------|-----|----|-------------------------|
| GM 422 | 100x75  | 63ø    | 192 | 50 | 50                      |
| GM 522 | 125x100 | 63ø    | 190 | 57 | 55                      |
| GM 423 | 100x75  | 76ø    | 192 | 50 | 64                      |
| GM 523 | 125x100 | 76ø    | 190 | 57 | 55                      |

All dimensions are in mm. For colour range and finishes, see page 3.

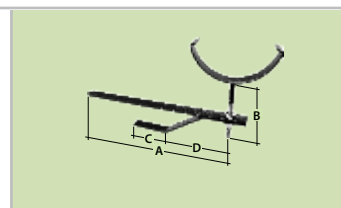


## TEMPLE GROVE, EAST SUSSEX

Located in the picturesque village of Herons Ghyll, this Heritage stone built property was converted into 14 luxury and unique homes

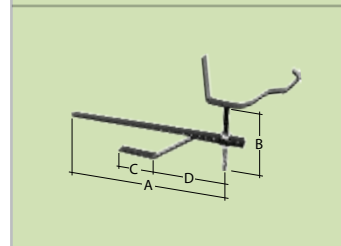
# Bracketry and leafguards

## Rise & fall brackets



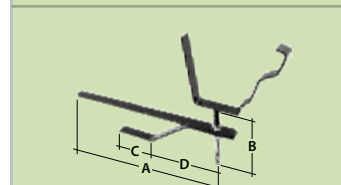
### Traditional Half Round

| Code  | Size | A   | B   | C  | D   |
|-------|------|-----|-----|----|-----|
| AC 91 | 100  | 360 | 125 | 80 | 168 |
| AC 92 | 113  | 360 | 125 | 80 | 168 |
| AC 93 | 125  | 360 | 125 | 80 | 168 |



### Traditional Victorian Ogee

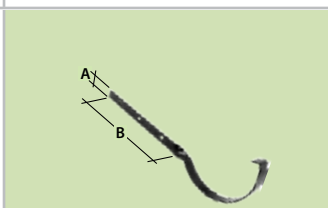
| Code  | Size | A   | B   | C  | D   |
|-------|------|-----|-----|----|-----|
| AV 91 | 100  | 360 | 125 | 80 | 168 |
| AV 92 | 113  | 360 | 125 | 80 | 168 |
| AV 93 | 125  | 360 | 125 | 80 | 168 |



### Traditional Moulded Ogee

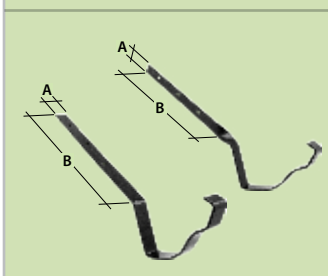
| Code  | Size    | A   | B   | C  | D   |
|-------|---------|-----|-----|----|-----|
| AM 91 | 100x75  | 360 | 125 | 80 | 168 |
| AM 92 | 125x100 | 360 | 125 | 80 | 168 |

## Fixed rafter arms



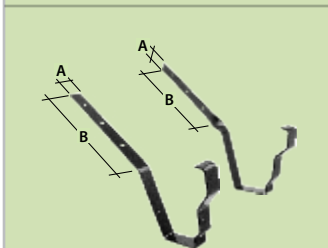
### Traditional Half Round

| Code  | Size     | A  | B   |
|-------|----------|----|-----|
| AC 71 | 100 Side | 20 | 240 |
| AC 72 | 113 Side | 20 | 240 |
| AC 73 | 125 Side | 20 | 240 |
| AC 74 | 100 Top  | 20 | 240 |
| AC 75 | 113 Top  | 20 | 240 |
| AC 76 | 125 Top  | 20 | 240 |



### Traditional Victorian Ogee

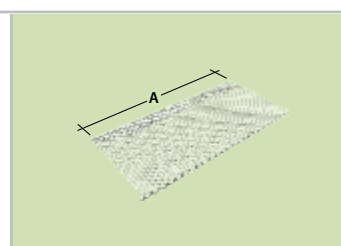
| Code  | Size     | A  | B   |
|-------|----------|----|-----|
| AV 71 | 100 Side | 20 | 240 |
| AV 72 | 113 Side | 20 | 240 |
| AV 73 | 125 Side | 20 | 240 |
| AV 74 | 100 Top  | 20 | 240 |
| AV 75 | 113 Top  | 20 | 240 |
| AV 76 | 125 Top  | 20 | 240 |



### Traditional Moulded Ogee

| Code | Size         | A  | B   |
|------|--------------|----|-----|
| AM71 | 100x75 Side  | 20 | 240 |
| AM73 | 125x100 Side | 20 | 240 |
| AM74 | 100x75 Top   | 20 | 240 |
| AM76 | 125x100 Top  | 20 | 240 |

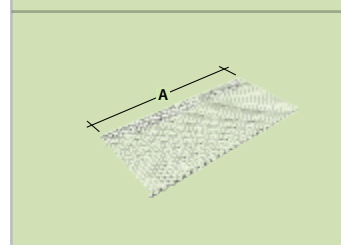
## Leafguards



### Traditional Half Round

| Code  | Size | A    |
|-------|------|------|
| SL 71 | 100  | 1220 |
| SL 72 | 113  | 1220 |
| SL 73 | 125  | 1220 |

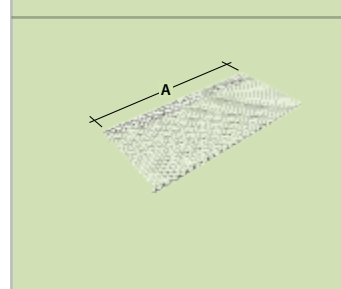
Mill Finish



### Traditional Victorian Ogee

| Code   | Size | A    |
|--------|------|------|
| SL 111 | 100  | 1220 |
| SL 113 | 113  | 1220 |
| SL 125 | 125  | 1220 |

Mill Finish



### Traditional Moulded Ogee

| Code   | Size    | A    |
|--------|---------|------|
| SL 114 | 100x75  | 1220 |
| SL 115 | 125x100 | 1220 |

Mill Finish

## Installation sundries & accessories



### Roundhead fascia bracket screw

| Code  | Description                 |
|-------|-----------------------------|
| SC201 | No. 10 x 30mm – Mill Finish |

### Polyester powder coated bolts

| Code  | Description          |
|-------|----------------------|
| SC602 | M6 x 20mm bolt – PPC |

### Aluminium nuts, bolts and washers

| Code  | Description                  |
|-------|------------------------------|
| SC502 | M6 x 20mm bolt – Mill Finish |
| SC511 | M6 Nut                       |
| SC521 | M6 x 20mm Washer             |

### Sealant

| Code  | Description |
|-------|-------------|
| SC101 | 310ml clear |

Please note sealant shelf life is 12 months



St Augustine's Church,  
Bermondsey



Oxney Grange, Peterborough



Menagerie, Coombe Deer Park, Coventry



Church of St. John the Baptist, Midlands



Temple Grove, East Sussex

## ALUTEC

ALUMINIUM RAINWATER SYSTEMS

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