


Merchant
discount is
available
on all listed
prices

ALUTEC
ALUMINIUM RAINWATER SYSTEMS

PRICE LIST & INSTALLATION GUIDE

JANUARY 2019



Marley Alutec is part of Aliaxis, a global leader in plumbing, drainage and sanitary solutions. UK market leading brands include:



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A Service & Product Solution Specialist

Marley Alutec is the UK leader in innovative aluminium rainwater and eaves solutions; we pride ourselves in offering a complete service and product solution tailored to each project's needs. Our Technical Services Department can assist you with:

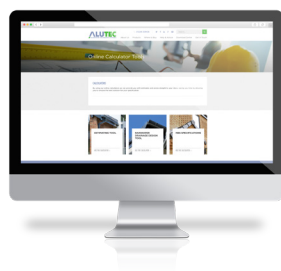
- Correct system choice
- Roof drainage design
- Roof drainage calculations
- Installation advice
- Bespoke design service
- Scheduling quantities
- Fully itemised estimates

All Alutec product specifications and brochures can be downloaded from www.marleyalutec.co.uk.

For further technical queries, please call our Technical Services Department on **01234 344108**.



Online calculators

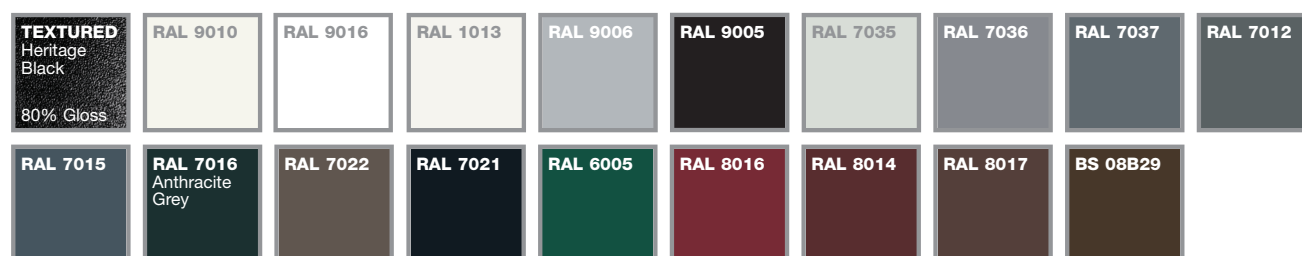


Go to www.marleyalutec.co.uk/calculators to take advantage of our innovative online calculators

- Estimating tool – Produce instant list value estimates for all your Marley Alutec product requirements
- Rainwater drainage design tool – Ensure your pitched and flat roof projects are in full compliance with the rainwater drainage design standard (BS EN12056-3)
- NBS specification manager – Produce NBS specification documents based on Marley Alutec's wide range of innovative aluminium rainwater products and eaves solutions

Alutec Gutters and Drainwater System Colours

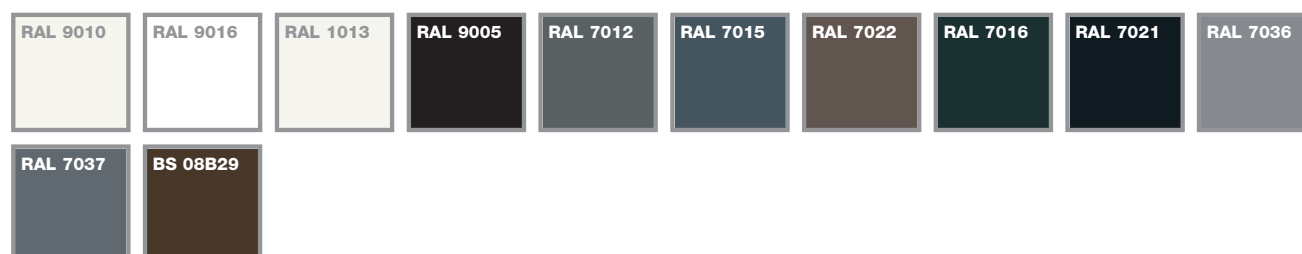
Polyester powder coated (PPC) range of RAL colours with 30% gloss finish are available as standard (unless otherwise stated). This includes Heritage Black, which has a textured surface to accurately replicate the appearance of traditional cast iron gutters & downpipes. Please quote the colour reference with your order.



Additional colours, finishes and gloss levels are available, price on application. This chart is a representation of the actual colours, for exact match please ask for sample plates.

Alutec Fascia, Soffit and Coping System Colours

PVDF paint system to a 30-40% gloss level


















Kynar 500 fluoroacarbon PVDF external architectural grade paint to a 30 – 40% gloss level. Colours are approximate and for general guidance only. For exact colour and finish reference, samples are available on request. Additional colours are available for special projects subject to a minimum order quantity and lead time. For information on these and the gloss levels, please contact Customer Services, tel: 01234 359438.



Gutter / Downpipe Selector Chart

Choose the right gutter and downpipe combination.

Use the table below to select the most suitable gutter and downpipe combination.

| | | | DOWNPIPE SYSTEM | | | | | |
|----------------|---|-----------------|---|--------|---------|---------|----------|-----------|
| | | | 63mm Ø | 76mm Ø | 102mm Ø | 72x72mm | 102x76mm | 102x102mm |
| GUTTER SYSTEMS |  | Half Round |  | ✓ | ✓ | | | |
| | | Deepflow |  | | ✓ | | | |
| | | Box |  | ✓ | | ✓ | | |
| | | Ogee |  | ✓ | | ✓ | | |
| |  | Half Round* |  | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | Victorian Ogee* |  | ✓ | ✓ | | ✓ | ✓ |
| | | Moulded Ogee* |  | ✓ | ✓ | ✓ | ✓ | ✓ |
| |  | Classic |  | ✓ | | | | |
| | | Deepflow |  | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | Ogee No. 46 |  | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | Boxer* |  | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | Giant |  | | ✓ | ✓ | ✓ | ✓ |

*Compatibility depends on gutter size chosen.



GUTTER SYSTEMS



Merchant
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 evolve  traditional  aligator





Marley Alutec's total eaves solutions are available in a wide variety of aesthetics to suit all styles of property. Our easily installed Evoke, Evolve, Traditional and Aligator eaves and rainwater ranges offer styles to suit all properties.

All our products use marine grade aluminium with a life expectancy of 50 years or more, resulting in ultimate longevity and low maintenance costs.

Polyester powder coated (PPC) range of RAL colours with 30% gloss finish are available as standard (unless otherwise stated). See page 5 for colour availability.



evolve

- As easy to install as PVC
- Industry leading flow rates reducing number of downpipes required
- Cost effective Heritage Black finish emulates appearance of cast iron



traditional









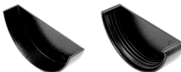


- Suitable for listed buildings and conservation areas
- Ideal for replacement of old cast iron system or reflect traditional styling of a new building
- Manufactured to original British Standard cast iron dimensions (BS 8530).

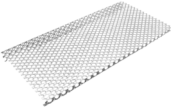




aligator









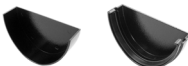
- Sleek and modern solution for rainwater disposal
- Snap fit boltless jointing system reduces installation times by up to 40% compared to traditional bolted systems
- Made from heavy grade aluminium, more resistant to damage than steel, roll-form or PVC systems.



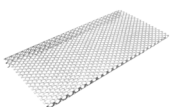


Evolve Half Round Gutter Prices

| evolve | | These products are compatible with 63mmØ and 76mmØ downpipes | | | | | |
|---|--|---|--|---|--|---|--|
|  For delivery charges and lead times see page 88 | | |  See page 5 for details of our standard colours | | | | |
| Description | | | Heritage Black | | Other Colours | | |
| | | | Code | Price | Code | Price | |
|  | Gutter 123x51mm |  | 3m | GT513H | 61.40 | XGT513 | 70.25 |
|  | Union | | | GT520H | 8.20 | XGT520 | 9.31 |
|  | Fascia bracket Fix at 1m centres | | | GT580H | 4.10 | XGT580 | 4.56 |
|  | Angle | | 90° 135° Non std. angles | GT532H GT537H GT539H | 15.69 15.69 POA | XGT532 XGT537 XGT539 | 17.84 17.84 POA |
|  | Outlet | | 63mm Ø 76mm Ø Downpipe connections | GT522H GT523H | 22.53 38.29 | XGT522 XGT523 | 25.48 43.32 |
|  | Stop end | | Internal External | GT550H GT555H | 7.10 7.10 | XGT550 XGT555 | 8.07 8.07 |
|  | Fixed rafter arm | | Side Top | AC72H AC75H | 12.92 12.92 | XAC72 XAC75 | 12.92 12.92 |
|  | Rise & fall bracket | | | AC92H | 14.81 | XAC92 | 14.81 |









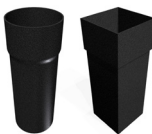
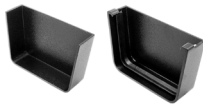
| Description | | Code | Price |
|---|---|--------------|--------------|
|  | Leafguard Mill Finish | SL70 | 15.87 |
| | 1220mm | | |
|  | Joint sealant | SC101 | 9.24 |
| | 310ml clear | | |
|  | Compatible fixing screws Roundhead fascia bracket screw | SC201 | 0.23 |
| | No. 10 x 30mm - Mill Finish | | |

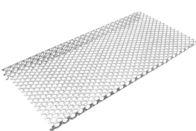


Evolve Deepflow Gutter Prices

| evolve | | These products are compatible with 76mmØ downpipes | | | | | |
|---|--|---|--|---|--|---|--|
|  For delivery charges and lead times see page 88 | | |  See page 5 for details of our standard colours | | | | |
| Description | | | Heritage Black | | Other Colours | | |
| | | | Code | Price | Code | Price | |
|  | Gutter 128x75mm |  | 3m | GE513H | 79.29 | XGE513 | 88.62 |
|  | Union | | | GE520H | 12.04 | XGE520 | 12.87 |
|  | Fascia bracket Fix at 1m centres | | | GE580H | 5.33 | XGE580 | 6.01 |
|  | Angle | | 90° 135° Non std. angles | GE532H GE537H GE539H | 25.48 25.48 POA | XGE532 XGE537 XGE539 | 27.87 27.87 POA |
|  | Outlet | | 76mm Ø Downpipe connection | GE523H | 35.39 | XGE523 | 40.01 |
|  | Stop end | | Internal External | GE550H GE555H | 8.50 9.91 | XGE550 XGE555 | 9.65 11.09 |

| Description | | Code | Price |
|---|--|------------------------------|------------------------------|
|  | Fixed rafter arm Side Top | AE73H AE76H | 13.95 13.95 |
|  | Rise & fall bracket | AE93H | 16.13 |
|  | Leafguard Mill Finish Length 1220mm | SL75 | 16.75 |
|  | Joint sealant 310ml clear | SC101 | 9.24 |
|  | Compatible fixing screws Roundhead fascia bracket screw No. 10 x 30mm - Mill Finish | SC201 | 0.23 |

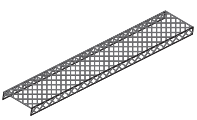


Evolve Box Gutter Prices

| evolve | | | | | | These products are compatible with 76mmØ and 72x72mm downpipes | | | | | |
|---|--|---|---|---|--|---|--|-------|--|--|--|
|  | | | For delivery charges and lead times see page 88 | | |  | | | See page 5 for details of our standard colours | | |
| Description | | | | | Heritage Black | | Other Colours | | | | |
| | | | | | Code | Price | Code | Price | | | |
|  | Gutter 130x85mm |  | 3m | GB513H | 101.12 | XGB513 | 113.26 | | | | |
|  | Union | | GB520H | 19.88 | XGB520 | 20.56 | | | | | |
|  | Fascia bracket Fix at 1m centres | | GB580H | 6.27 | XGB580 | 6.54 | | | | | |
|  | Angle | | 90° 135° Non std. angles | GB532H GB537H GB539H | 39.10 39.10 POA | XGB532 XGB537 XGB539 | 41.79 41.79 POA | | | | |
|  | Outlet | | 76mm Ø 72x72mm Downpipe connections | GB523H GB525H | 51.24 51.24 | XGB523 XGB525 | 53.27 53.27 | | | | |
|  | Outlet spigot extender | | 76mm Ø for fascia depths greater than 260mm 72x72mm for fascia depths greater than 260mm | | POA POA | | POA POA | | | | |
|  | Stop end | | Internal External | GB550H GB555H | 10.79 18.54 | XGB550 XGB555 | 12.77 19.55 | | | | |

| Description | | Code | Price |
|---|--|--------------|--------------|
|  | Leafguard Mill Finish Length 1220mm | SL76 | 16.75 |
|  | Joint sealant 310ml clear | SC101 | 9.24 |
|  | Compatible fixing screws Roundhead fascia bracket screw No. 10 x 30mm - Mill Finish | SC201 | 0.23 |

Evolve Ogee Gutter Prices

|  These products are compatible with 76mmØ and 72x72mm downpipes | | | | | |
|--|--|--|--|---|--|
|  For delivery charges and lead times see page 88 | |  See page 5 for details of our standard colours | | | |
| Description | | Heritage Black | | Other Colours | |
| | | Code | Price | Code | Price |
|  | Gutter 130x95mm 3m | GY513H | 111.25 | XGY513 | 124.59 |
|  | Union | GY520H | 21.89 | XGY520 | 22.61 |
|  | Fascia bracket Fix at 1m centres | GY580H | 6.27 | XGY580 | 6.54 |
|  | Angle 90° internal 90° external 135° internal 135° external Non std. angles | GY530H GY531H GY535H GY536H GY539H | 43.01 43.01 43.01 43.01 POA | XGY530 XGY531 XGY535 XGY536 XGY539 | 45.98 45.98 45.98 45.98 POA |
|  | Outlet 76mm Ø 72x72mm Downpipe connections | GY523H GY525H | 56.37 56.37 | XGY523 XGY525 | 58.59 58.59 |
|  | Outlet spigot extender 76mm Ø for fascia depths greater than 260mm 72x72mm for fascia depths greater than 260mm | | POA POA | | POA POA |
|  | Stop end Right hand internal Left hand internal Right hand external Left hand external | GY558H GY557H GY555H GY550H | 11.88 11.88 20.39 20.39 | XGY558 XGY557 XGY555 XGY550 | 13.34 13.34 21.52 21.52 |



| Description | | Code | Price |
|---|--|--------------|--------------|
|  | Leafguard Mill Finish Length 1220mm | SL77 | 16.75 |
|  | Joint sealant 310ml clear | SC101 | 9.24 |
|  | Compatible fixing screws Roundhead fascia bracket screw No. 10 x 30mm - Mill Finish | SC201 | 0.23 |

For an estimate email projects@marleyalutec.co.uk or use our online estimating tool at www.marleyalutec.co.uk/calculators Additional sundries required, see page 33.

15










Traditional Half Round Gutter Prices: BS 8530



| traditional | | These products are compatible with 63mmØ, 76mmØ, 102mmØ, 72x72mm and 102x76mm downpipes | | | | | | | | | | | |
|---|---|---|-------|---------------|-------|--|-------|---------------|-------|----------------|-------|---------------|-------|
| For delivery charges and lead times see page 88 | | | | | | See page 5 for details of our standard colours | | | | | | | |
| Description | | 100mm (4") | | | | 113mm (4½") | | | | 125mm (5") | | | |
| | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | |
| | | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price |
|  | Gutter 1.83m | GC406H | 53.08 | XGC406 | 53.08 | GC106H | 55.27 | XGC106 | 55.27 | GC506H | 61.92 | XGC506 | 61.92 |
|  | Union For use with gutter off-cuts (external) | GC420H | 10.85 | XGC420 | 10.85 | GC120H | 11.66 | XGC120 | 11.66 | GC520H | 12.89 | XGC520 | 12.89 |
|  | Fascia bracket Fix at 915mm centres | GC480H | 4.22 | XGC480 | 4.22 | GC180H | 4.41 | XGC180 | 4.41 | GC580H | 6.97 | XGC580 | 6.97 |
|  | Angle 90° 135° Non std angle | GC432H | 16.96 | XGC432 | 16.96 | GC132H | 19.42 | XGC132 | 19.42 | GC532H | 21.70 | XGC532 | 21.70 |
| | | GC437H | 39.94 | XGC437 | 39.94 | GC137H | 42.40 | XGC137 | 42.40 | GC537H | 44.55 | XGC537 | 44.55 |
| | | GC439H | POA | XGC439 | POA | GC139H | POA | XGC139 | POA | GC539H | POA | XGC539 | POA |
|  | Outlet 63mm Ø 76mm Ø 102mm Ø 72x72mm 102x76mm Downpipe connections | GC422H | 26.42 | XGC422 | 26.42 | GC122H | 24.51 | XGC122 | 24.51 | GC522H | 24.86 | XGC522 | 24.86 |
| | | GC423H | 26.42 | XGC423 | 26.42 | GC123H | 24.51 | XGC123 | 24.51 | GC523H | 24.86 | XGC523 | 24.86 |
| | | GC425H | 55.21 | XGC425 | 55.21 | GC125H | 53.22 | XGC125 | 53.22 | GC524H | 31.75 | XGC524 | 31.75 |
| | | | | | | | | | | GC525H | 53.60 | XGC525 | 53.60 |
| | | | | | | | | | | GC526H | 61.76 | XGC526 | 61.76 |
|  | Stop end Internal External | GC450H | 7.35 | XGC450 | 7.35 | GC150H | 8.13 | XGC150 | 8.13 | GC550H | 9.55 | XGC550 | 9.55 |
| | | GC455H | 7.35 | XGC455 | 7.35 | GC155H | 8.13 | XGC155 | 8.13 | GC555H | 9.55 | XGC555 | 9.55 |

| Description | | | Heritage Black | | Other Colours | |
|---|---------------------|------------|----------------|-------|---------------|-------|
| | | | Code | Price | Code | Price |
|  | Fixed rafter arm | Side 100mm | AC71H | 12.92 | XAC71 | 12.92 |
| | | Side 113mm | AC72H | 12.92 | XAC72 | 12.92 |
| | | Side 125mm | AC73H | 12.92 | XAC73 | 12.92 |
| | | Top 100mm | AC74H | 12.92 | XAC74 | 12.92 |
| | | Top 113mm | AC75H | 12.92 | XAC75 | 12.92 |
| | | Top 125mm | AC76H | 12.92 | XAC76 | 12.92 |
|  | Rise & fall bracket | 100mm | AC91H | 14.81 | XAC91 | 14.81 |
| | | 113mm | AC92H | 14.81 | XAC92 | 14.81 |
| | | 125mm | AC93H | 15.07 | XAC93 | 15.07 |

| Description | | | Code | | Price | |
|---|---|--|----------------------|------|-------------------------|------|
|  | Leafguard Mill Finish Length: 1220mm | 100mm 113mm 125mm | SL71 SL72 SL73 | | 16.75 16.75 16.75 | |
|  | Compatible fixing screws Roundhead fascia bracket screw | No. 10x30mm - Mill Finish | SC201 | | 0.23 | |
|  | Joint sealant | 310ml clear | SC101 | | 9.24 | |
|  | Aluminium nuts, bolts & washers For jointing gutters and fittings | M6 x 20mm Aluminium bolt PPC - pack 25. Available in all standard colours M6 Aluminium nut & washer set - Mill finish - pack 100 | SC501H | 9.31 | XSC501 | 9.31 |
| | | | SC531 | | 29.35 | |





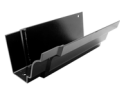






Traditional Victorian Ogee Prices: BS 8530



| <div>  <div>These products are compatible with 63mmØ, 76mmØ, 72x72mm and 102x76mm downpipes</div> </div> | | | | | | | | | | | | | |
|---|--|----------------|-------|---------------|-------|--|--------|---------------|--------|----------------|--------|---------------|--------|
| <div>  <div>For delivery charges and lead times see page 88</div> </div> | | | | | | <div>  <div>See page 5 for details of our standard colours</div> </div> | | | | | | | |
| Description | | 100mm (4") | | | | 113mm (4½") | | | | 125mm (5") | | | |
| | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | |
| | | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price |
|  | Gutter 1.83m | GV406H | 80.34 | XGV406 | 80.34 | GV106H | 104.35 | XGV106 | 104.35 | GV506H | 110.48 | XGV506 | 110.48 |
|  | Union For use with gutter off-cuts (external) | GV420H | 11.79 | XGV420 | 11.79 | GV120H | 15.31 | XGV120 | 15.31 | GV520H | 19.97 | XGV520 | 19.97 |
|  | Fascia bracket Fix at 915mm centres | GV480H | 10.26 | XGV480 | 10.26 | GV180H | 13.55 | XGV180 | 13.55 | GV580H | 14.52 | XGV580 | 14.52 |
|  | Angle 90° int 90° ext 135° int 135° ext Non std angle | GV430H | 22.27 | XGV430 | 22.27 | GV130H | 31.35 | XGV130 | 31.35 | GV530H | 34.14 | XGV530 | 34.14 |
| | | GV431H | 22.27 | XGV431 | 22.27 | GV131H | 31.35 | XGV131 | 31.35 | GV531H | 34.14 | XGV531 | 34.14 |
| | | GV435H | 22.27 | XGV435 | 22.27 | GV135H | 31.35 | XGV135 | 31.35 | GV535H | 63.42 | XGV535 | 63.42 |
| | | GV436H | 22.27 | XGV436 | 22.27 | GV136H | 31.35 | XGV136 | 31.35 | GV536H | 63.42 | XGV536 | 63.42 |
| | | GV439H | POA | XGV439 | POA | GV139H | POA | XGV139 | POA | GV539H | POA | XGV539 | POA |
|  | Outlet 63mm Ø 76mm Ø 72x72mm 102x76mm Downpipe connections | GV422H | 33.36 | XGV422 | 33.36 | GV122H | 33.93 | XGV122 | 33.93 | GV522H | 44.72 | XGV522 | 44.72 |
| | | GV423H | 33.36 | XGV423 | 33.36 | GV123H | 33.93 | XGV123 | 33.93 | GV523H | 44.72 | XGV523 | 44.72 |
| | | GV425H | 89.17 | XGV425 | 89.17 | GV125H | 89.48 | XGV125 | 89.48 | GV525H | 100.21 | XGV525 | 100.21 |
| | | | | | | | | | | GV526H | 100.21 | XGV526 | 100.21 |
|  | Stop end Left Hand (int) Right Hand (ext) | GV450H | 11.09 | XGV450 | 11.09 | GV150H | 13.73 | XGV150 | 13.73 | GV550H | 18.61 | XGV550 | 18.61 |
| | | GV455H | 11.12 | XGV455 | 11.12 | GV155H | 13.89 | XGV155 | 13.89 | GV555H | 18.69 | XGV555 | 18.69 |

| Description | | | Heritage Black | | Other Colours | | |
|---|--------------------------------|------------|----------------|-------|---------------|-------|--|
| | | | Code | Price | Code | Price | |
|  | Fixed rafter arm | Side 100mm | AV71H | 14.56 | XAV71 | 14.56 | |
| | | Side 113mm | AV72H | 14.56 | XAV72 | 14.56 | |
| | | Side 125mm | AV73H | 14.56 | XAV73 | 14.56 | |
| | | Top 100mm | AV74H | 14.56 | XAV74 | 14.56 | |
| | | Top 113mm | AV75H | 14.56 | XAV75 | 14.56 | |
| | | Top 125mm | AV76H | 14.56 | XAV76 | 14.56 | |
|  | Rise & fall bracket | 100mm | AV91H | 22.65 | XAV91 | 22.65 | |
| | | 113mm | AV92H | 22.65 | XAV92 | 22.65 | |
| | | 125mm | AV93H | 22.65 | XAV93 | 22.65 | |

| Description | | Code | | Price | |
|---|---|--|---------------|--------------|------------------------------|
|  | Leafguard Mill Finish Length: 1220mm | 100mm | SL111 | 16.75 | |
| | | 113mm | SL113 | 16.75 | |
| | | 125mm | SL125 | 16.75 | |
| | | | | | |
|  | Compatible fixing screws No. 10 x 30mm roundhead - for fascia bracket No. 12 x 50mm domehead - for direct fixing of gutter | | SC201 | 0.23 | |
| | | | SC231 | 0.35 | |
|  | Joint sealant 310ml clear | | SC101 | 9.24 | |
|  | Aluminium nuts, bolts & washers For jointing gutters and fittings Mill finish | M6 x 20mm Aluminium bolt PPC - pack 25. Available in all standard colours | SC501H | 9.31 | XSC501 9.31 |
| | | M6 Aluminium nut & washer set - Mill finish - pack 100 | SC531 | | 29.35 |

Traditional Moulded Ogee Gutter Prices: BS 8530

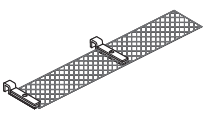

|  These products are compatible with 63mmØ, 76mmØ, 102mmØ, 72x72mm, 102x76mm and 102x102mm downpipes. Please check exact compatibility before ordering. | | | | | | | | | | | | | |
|---|--|----------------|--------|---------------|--------|--|--------|---------------|--------|----------------|--------|---------------|--------|
|  For delivery charges and lead times see page 88 | | | | | |  See page 5 for details of our standard colours | | | | | | | |
| Description |  Traditional GM5 & GM6 ranges in Heritage Black | 100mm (4") | | | | 125mm (5") | | | | 150mm (6") | | | |
| | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | |
| | | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price |
|  Gutter 1.83m | | GM406H | 144.14 | XGM406 | 144.14 | GM506H | 123.25 | XGM506 | 123.25 | GM606H | 189.67 | XGM606 | 189.67 |
|  Union For use with gutter off-cuts | | GM420H | 18.85 | XGM420 | 18.85 | GM520H | 18.92 | XGM520 | 18.92 | GM620H | 35.03 | XGM620 | 35.03 |
|  Fascia bracket Fix at 915mm centres | | GM480H | 15.45 | XGM480 | 15.45 | GM580H | 14.48 | XGM580 | 14.48 | GM680H | 25.23 | XGM680 | 25.23 |
|  Direct fix bracket Fix at 610mm centres | | GM481H | 6.65 | XGM481 | 6.65 | GM581H | 6.61 | XGM581 | 6.61 | GM681H | 6.65 | XGM681 | 6.65 |
|  Angle | 90° int | GM430H | 34.48 | XGM430 | 34.48 | GM530H | 37.88 | XGM530 | 37.88 | GM630H | 56.78 | XGM630 | 56.78 |
| | 90° ext | GM431H | 34.48 | XGM431 | 34.48 | GM531H | 37.88 | XGM531 | 37.88 | GM631H | 56.78 | XGM631 | 56.78 |
| | 135° int | GM435H | 34.48 | XGM435 | 34.48 | GM535H | 37.88 | XGM535 | 37.88 | GM635H | 56.78 | XGM635 | 56.78 |
| | 135° ext | GM436H | 34.48 | XGM436 | 34.48 | GM536H | 37.88 | XGM536 | 37.88 | GM636H | 56.78 | XGM636 | 56.78 |
| | Non std angle | GM439H | POA | XGM439 | POA | GM539H | POA | XGM539 | POA | GM639H | POA | XGM639 | POA |
|  Outlet | 63mm Ø | GM422H | 42.71 | XGM422 | 42.71 | GM522H | 39.35 | XGM522 | 39.35 | GM622H | 89.63 | XGM622 | 89.63 |
| | 76mm Ø | GM423H | 42.71 | XGM423 | 42.71 | GM523H | 39.35 | XGM523 | 39.35 | GM623H | 89.63 | XGM623 | 89.63 |
| | 102mm Ø | | | | | GM524H | 95.56 | XGM524 | 95.56 | GM624H | 89.63 | XGM624 | 89.63 |
| | 72x72mm | GM425H | 60.69 | XGM425 | 60.69 | GM525H | 68.75 | XGM525 | 68.75 | GM625H | 137.93 | XGM625 | 137.93 |
| | 102x76mm | GM426H | 60.69 | XGM426 | 60.69 | GM526H | 95.56 | XGM526 | 95.56 | GM626H | 137.93 | XGM626 | 137.93 |
| | 102x102mm | | | | | GM527H | 95.92 | XGM527 | 95.92 | GM627H | 137.93 | XGM627 | 137.93 |
| | Downpipe connections | | | | | | | | | | | | |
|  Stop end | Left Hand (ext) | GM450H | 17.92 | XGM450 | 17.92 | GM550H | 19.88 | XGM550 | 19.88 | GM655H | 35.03 | XGM650 | 35.03 |
| | Right Hand (int) | GM455H | 17.92 | XGM455 | 17.92 | GM555H | 19.88 | XGM555 | 19.88 | GM650H | 35.03 | XGM655 | 35.03 |

| Description | | Heritage Black | | Other Colours | |
|--|----------------|----------------|-------|---------------|-------|
| | | Code | Price | Code | Price |
|  Fixed rafter arm | Side 100x75mm | AM71H | 16.18 | XAM71 | 16.18 |
| | Side 125x100mm | AM73H | 16.18 | XAM73 | 16.18 |
| | Side 150x100mm | AM75H | 16.18 | XAM75 | 16.18 |
| | Top 100x75mm | AM74H | 16.18 | XAM74 | 16.18 |
| | Top 125x100mm | AM76H | 16.18 | XAM76 | 16.18 |
| | Top 150x100mm | AM77H | 16.18 | XAM77 | 16.18 |
| | | | | | |
|  Rise & fall bracket | 100x75mm | AM91H | 22.65 | XAM91 | 22.65 |
| | 125x100mm | AM93H | 22.65 | XAM93 | 22.65 |
| | 150x100mm | AM94H | 22.65 | XAM94 | 22.65 |









| Description | | Code | Price |
|---|--|--------|-------|
|  Leafguard Mill Finish Length: 1220mm | 100x75mm | SL114 | 16.75 |
| | 125x100mm | SL115 | 16.75 |
| | 150x100mm | SL116 | 16.75 |
|  Compatible fixing screws | No. 10x30mm roundhead - for fascia bracket | SC201 | 0.23 |
| | No. 12 x 50mm domehead - for direct fixing of gutter | SC231 | 0.35 |
|  Joint sealant | 310ml clear | SC101 | 9.24 |
|  Aluminium nuts, bolts & washers For jointing gutters and fittings | M6 x 20mm Aluminium bolt PPC - pack 25. Available in all standard colours | SC501H | 9.31 |
| | M6 Aluminium nut & washer set - Mill finish - pack 100 | SC531 | 29.35 |


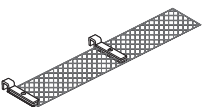


Aligator® Classic Snap Fit Ogee Gutter Prices

| aligator | | These products are compatible with 63mmØ downpipes | | | | | |
|---|--|---|--|--|---|--|--|
|  For delivery charges and lead times see page 88 | | |  See page 5 for details of our standard colours | | | | |
| Description | | | Heritage Black | | Other Colours | | |
| | | | Code | Price | Code | Price | |
|  | Gutter 120x75mm |  3m | GK413H | 64.11 | XGK413 | 81.51 | |
|  | Union | | GK420H | 7.77 | XGK420 | 9.67 | |
|  | Fascia bracket Fix at 1m centres | (external) | GK480H | 4.93 | XGK480 | 6.02 | |
|  | Angle | 90° int 90° ext 135° int 135° ext | GK430H GK431H GK435H GK436H GK439H | 42.99 42.99 42.99 42.99 POA | XGK430 XGK431 XGK435 XGK436 XGK439 | 45.98 45.98 45.98 45.98 POA | |
|  | Outlet | 63mm Ø | GK421H | 51.30 | XGK421 | 57.12 | |
|  | Stop end | Left hand external Right hand external | GK450H GK455H | 8.34 8.34 | XGK450 XGK455 | 10.09 10.09 | |

| Description | | Code | Price |
|---|--|--------------|--------------|
|  | Leafguard Mill finish Length 1220mm | SL101 | 16.75 |
|  | Joint sealant 310ml clear | SC101 | 9.24 |
| Compatible fixing screws Mill finish No. 10x30mm roundhead - for use with fascia bracket No. 10 x 30mm countersunk - for use with union, angle and outlet | | SC201 | 0.23 |
| | | SC202 | 0.23 |


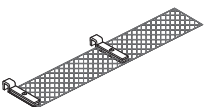


Aligator® Snap Fit Deepflow Gutter Prices

|  These products are compatible with 63mmØ, 76mmØ, 102mmØ, 72x72mm, 102x76mm and 102x102mm downpipes | | | | | |
|--|--|--|--|--|--|
|  For delivery charges and lead times see page 88 | |  See page 5 for details of our standard colours | | | |
| Description | | Heritage Black | | Other Colours | |
| | | Code | Price | Code | Price |
|  | Gutter 130x80mm 3m | GD513H | 140.63 | XGD513 | 140.63 |
|  | Union (internal) | GD520H | 6.73 | XGD520 | 6.73 |
|  | Fascia bracket Fix at 750mm centres | GD580H | 3.05 | XGD580 | 3.05 |
|  | Angle 90° int 90° ext 135° int 135° ext Non std angle | GD530H GD531H GD535H GD536H GD539H | 52.68 52.68 52.68 52.68 POA | XGD530 XGD531 XGD535 XGD536 XGD539 | 52.68 52.68 52.68 52.68 POA |
|  | Outlet 63mm Ø 76mm Ø 102mm Ø 72x72mm 102x76mm 102x102mm Downpipe connections | GD522H GD523H GD524H GD525H GD526H GD527H | 40.29 43.77 68.40 52.30 63.03 72.37 | XGD522 XGD523 XGD524 XGD525 XGD526 XGD527 | 40.29 43.77 68.40 52.30 63.03 72.37 |
|  | Stop end (internal) | GD550H | 27.66 | XGD550 | 27.66 |










| Description | | Code | Price |
|---|--|--------------|--------------|
|  | Packing shim Mill finish for use with 1.5mm thick fascia bracket | SC380 | 0.73 |
|  | Leafguard Mill finish Length 1220mm | SL102 | 16.75 |
|  | Joint sealant 310ml clear | SC101 | 9.24 |
|  | Compatible fixing screws Roundhead fascia bracket screw No. 10 x 30mm roundhead-Mill finish | SC201 | 0.23 |


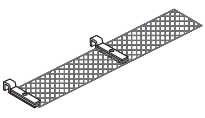


Aligator® Snap Fit Ogee 46 Gutter Prices

|  These products are compatible with 63mmØ, 76mmØ, 102mmØ, 72x72mm, 102x76mm and 102x102mm downpipes | | | | | |
|--|--|--|--|--|--|
|  For delivery charges and lead times see page 88 | |  See page 5 for details of our standard colours | | | |
| Description | | Heritage Black | | Other Colours | |
| | | Code | Price | Code | Price |
|  | Gutter 155x100mm 3m | GG513H | 180.64 | XGG513 | 180.64 |
|  | Union (internal) | GG520H | 8.42 | XGG520 | 8.42 |
|  | Fascia bracket Fix at 750mm centres | GG580H | 3.37 | XGG580 | 3.37 |
|  | Angle 90° int 90° ext 135° int 135° ext Non std angle | GG530H GG531H GG535H GG536H GG539H | 57.49 57.49 57.49 57.49 POA | XGG530 XGG531 XGG535 XGG536 XGG539 | 57.49 57.49 57.49 57.49 POA |
|  | Outlet 63mm Ø 76mm Ø 102mm Ø 72x72mm 102x76mm 102x102mm Downpipe connections | GG522H GG523H GG524H GG525H GG526H GG527H | 43.64 47.07 57.92 60.43 65.75 70.19 | XGG522 XGG523 XGG524 XGG525 XGG526 XGG527 | 43.64 47.07 57.92 60.43 65.75 70.19 |
|  | Stop end Left Hand (int) Right Hand (int) | GG550H GG555H | 33.09 33.09 | XGG550 XGG555 | 33.09 33.09 |

| Description | | Code | Price |
|---|---|--------------|--------------|
|  | Packing shim Mill finish for use with 1.5mm thick fascia bracket | SC381 | 0.76 |
|  | Leafguard Mill finish Length 1220mm | SL103 | 16.75 |
|  | Joint sealant 310ml clear | SC101 | 9.24 |
|  | Compatible fixing screws Roundhead fascia bracket screw No. 10 x 30mm roundhead- Mill finish | SC201 | 0.23 |

Aligator® Snap Fit Boxer Gutter Prices

|  | | These products are compatible with 63mmØ, 76mmØ, 102mmØ, 72x72mm, 102x76mm and 102x102mm downpipes | | | | | | | | | | | |
|---|---|--|--------|---------------|--------|--|--------|---------------|--------|----------------|--------|---------------|--------|
|  For delivery charges and lead times see page 88 | | | | | |  See page 5 for details of our standard colours | | | | | | | |
| Description | | 120 x 80mm | | | | 135 x 100mm | | | | 160 x 100mm | | | |
| | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | |
| | | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price |
|  | Gutter 3m | GF413H | 113.36 | XGF413 | 113.36 | GF513H | 163.13 | XGF513 | 163.13 | GF613H | 174.85 | XGF613 | 174.85 |
|  | Union (internal) | GF420H | 7.94 | XGF420 | 7.94 | GF520H | 9.20 | XGF520 | 9.20 | GF620H | 9.83 | XGF620 | 9.83 |
|  | Fascia bracket Fix at 750mm centres | GF480H | 3.34 | XGF480 | 3.34 | GF080H | 3.37 | XGF080 | 3.37 | GF080H | 3.37 | XGF080 | 3.37 |
|  | Angle 90° int 90° ext 135° int 135° ext Non std angle | GF430H | 44.16 | XGF430 | 44.16 | GF530H | 56.26 | XGF530 | 56.26 | GF630H | 59.19 | XGF630 | 59.19 |
| | | GF431H | 44.16 | XGF431 | 44.16 | GF531H | 56.26 | XGF531 | 56.26 | GF631H | 59.19 | XGF631 | 59.19 |
| | | GF435H | 44.16 | XGF435 | 44.16 | GF535H | 56.26 | XGF535 | 56.26 | GF635H | 59.19 | XGF635 | 59.19 |
| | | GF436H | 44.16 | XGF436 | 44.16 | GF536H | 56.26 | XGF536 | 56.26 | GF636H | 59.19 | XGF636 | 59.19 |
| | | GF439H | POA | XGF439 | POA | GF539H | POA | XGF539 | POA | GF639H | POA | XGF639 | POA |
|  | Outlet 63mm Ø 76mm Ø 102mm Ø 72x72mm 102x76mm 102x102mm | GF422H | 37.79 | XGF422 | 37.79 | GF522H | 42.07 | XGF522 | 42.07 | GF622H | 43.75 | XGF622 | 43.75 |
| | | GF423H | 37.79 | XGF423 | 37.79 | GF523H | 42.07 | XGF523 | 42.07 | GF623H | 43.75 | XGF623 | 43.75 |
| | | | | | | GF524H | 59.56 | XGF524 | 59.56 | GF624H | 61.11 | XGF624 | 61.11 |
| | | GF425H | 51.36 | XGF425 | 51.36 | GF525H | 55.18 | XGF525 | 55.18 | GF625H | 56.78 | XGF625 | 56.78 |
| | | GF426H | 60.84 | XGF426 | 60.84 | GF526H | 64.52 | XGF526 | 64.52 | GF626H | 66.01 | XGF626 | 66.01 |
|  | Stop end Left hand (int) Right hand (int) | GF450H | 23.49 | XGF450 | 23.49 | GF550H | 29.36 | XGF550 | 29.36 | GF650H | 32.17 | XGF650 | 32.17 |
| | | GF455H | 23.49 | XGF455 | 23.49 | GF555H | 29.36 | XGF555 | 29.36 | GF655H | 32.17 | XGF655 | 32.17 |



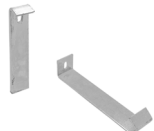
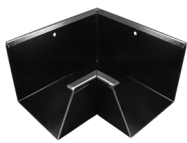
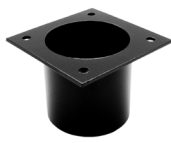

| Description | | Code | Price |
|---|--|-------|-------|
|  | Packing shim Mill finish 120x80mm 135x100, 160x100mm For use with fascia bracket | SC382 | 0.72 |
| | | SC381 | 0.76 |
|  | Leafguard Mill finish 120x80mm 135x100mm 160x100mm Length 1220mm | SL105 | 16.75 |
| | | SL106 | 16.75 |
| | | SL107 | 16.75 |
|  | Joint sealant 310ml clear | SC101 | 9.24 |
|  | Compatible fixing screws Roundhead fascia bracket screw No. 10 x 30mm roundhead- Mill finish | SC201 | 0.23 |

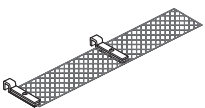

Aligator® Snap Fit Giant Gutter Prices

These products are compatible with 76mmØ, 102mmØ, 72x72mm, 102x76mm and 102x102mm downpipes

For delivery charges and lead times see page 88

See page 5 for details of our standard colours

| Description | | | Heritage Black | | Other Colours | |
|---|---|---|---|--|---|--|
| | | | Code | Price | Code | Price |
|  | Gutter 200x150mm | 3m | GH813H | 180.07 | XGH813 | 180.07 |
|  | Union | (external) | GH820H | 16.75 | XGH820 | 16.75 |
|  | Stiffener bracket & spacer assembly Fix at 750mm centres Mill finish | | GH885 | 6.92 | | |
|  | Angle Includes fixing bolts and nuts | 90° int 90° ext 135° int 135° ext Non std angle | GH830H GH831H GH835H GH836H GH839H | 92.64 92.64 92.64 92.64 POA | XGH830 XGH831 XGH835 XGH836 XGH839 | 92.64 92.64 92.64 92.64 POA |
|  | Patch outlet Includes fixing bolts and nuts | 76mm Ø 102mm Ø 72x72mm 102x76mm 102x102mm | GH823H GH824H GH825H GH826H GH827H | 42.14 42.14 42.14 42.14 42.14 | XGH823 XGH824 XGH825 XGH826 XGH827 | 42.14 42.14 42.14 42.14 42.14 |
|  | Stop end | Left hand (ext) Right hand (ext) | GH850H GH855H | 51.22 51.22 | XGH850 XGH855 | 51.22 51.22 |

| Description | | Code | Price |
|--|--|--------------|--------------|
|  | Leafguard Mill finish Length 1220mm | SL225 | 20.25 |
|  | Joint sealant 310ml clear | SC101 | 9.24 |
| Compatible fixing screws Mill finish No. 10 x 30mm countersunk - for use with union and angle | | SC202 | 0.23 |
| No. 12 x 50mm domehead - for use with stiffener bracket | | SC231 | 0.35 |
| M6 x 20mm Aluminium washer per 100 | | SC521 | 9.80 |

For an estimate email projects@marleyalutec.co.uk or use our online estimating tool at www.marleyalutec.co.uk/calculators Additional sundries required, see page 33.

23



DOWNPIPES



Merchant
discount is
available
on all listed
prices

Evolve 63mm Downpipe Prices










To view compatible gutter systems, see page 7




For delivery charges and lead times see page 88



See page 5 for details of our standard colours

| Description | | Heritage Black | | Other Colours | |
|---|---|----------------------------|-------------------------|----------------------------|-------------------------|
| | | Code | Price | Code | Price |
|  | Non socketed pipe 3m | RT213H | 53.57 | XRT213 | 60.61 |
|  | Pipe socket Eared Non Eared | RT220H RT220NEH | 10.69 10.69 | XRT220 XRT220NE | 12.06 12.06 |
|  | Bend Top 112.5° Bottom 112.5° 92.5° | RT232H RT292H RT230H | 22.73 22.73 22.73 | XRT232 XRT292 XRT230 | 25.48 25.48 25.48 |
|  | Branch 112.5° | RT242H | 41.18 | XRT242 | 46.51 |
|  | Shoe | RT250H | 14.46 | XRT250 | 16.19 |
|  | Access pipe | RT260H | 45.12 | XRT260 | 50.64 |
|  | Pipe clip | RT280H | 3.80 | XRT280 | 4.13 |
|  | Rainwater diverter | TRD25H | 48.22 | XTRD25 | 55.10 |
|  | Hopper head 250x180x180mm tall Standard | RH110H | 64.02 | XRH110 | 64.02 |
| Compatible fixing screws | | SC205H | 0.51 | XSC205 | 0.51 |
| No. 12 x 50 domehead - for downpipe | | SC208H | 1.49 | XSC208 | 1.49 |
| M6 x 70mm hexagonal coach screw - for hopper | | | | | |

| Description | | Code | Price |
|---|----------------------------------|-------|-------|
|  | Joint sealant 310ml clear | SC101 | 9.24 |

Tudor Circular Downpipe Prices: BS 8530

To view compatible gutter systems, see page 7



For delivery charges and lead times see page 88



See page 5 for details of our standard colours

| Description | | | 63mm | | | | 76mm | | | | 102mm | | | |
|------------------------------------|-------------------------|--|-----------------------------|-------|---------------|-------|-----------------------------|-------|---------------|--------|-----------------------------|--------|---------------|--------|
| | | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | |
| | | | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price |
| | Downpipe | 2m 3m | TR212H | 67.26 | XTR212 | 68.44 | TR312H | 73.38 | XTR312 | 83.68 | TR412H | 111.04 | XTR412 | 126.59 |
| | | | TR213H | 85.07 | XTR213 | 89.74 | TR313H | 96.70 | XTR313 | 104.59 | TR413H | 149.32 | XTR413 | 161.51 |
| | Pipe socket | Eared Non Eared | TR220H | 21.67 | XTR220 | 22.90 | TR320H | 23.03 | XTR320 | 27.04 | TR420H | 36.40 | XTR420 | 42.76 |
| | | | TR220NEH | 13.27 | XTR220NE | 13.89 | TR320NEH | 14.78 | XTR320NE | 15.40 | TR420NEH | 23.36 | XTR420NE | 24.35 |
| | Bend | 92.5° 112.5° | TR230H | 32.68 | XTR230 | 35.40 | TR330H | 35.40 | XTR330 | 37.28 | TR430H | 51.46 | XTR430 | 54.17 |
| | | | TR232H | 32.68 | XTR232 | 35.40 | TR332H | 35.40 | XTR332 | 37.28 | TR432H | 45.10 | XTR432 | 47.50 |
| | Branch | 92.5° 112.5° | TR240H | 56.97 | XTR240 | 62.16 | TR340H | 59.45 | XTR340 | 64.64 | TR440H | 81.18 | XTR440 | 88.26 |
| | | | TR242H | 56.97 | XTR242 | 62.16 | TR342H | 59.45 | XTR342 | 64.64 | TR442H | 81.18 | XTR442 | 88.26 |
| | Shoe | | TR250H | 32.14 | XTR250 | 37.51 | TR350H | 36.12 | XTR350 | 42.14 | TR450H | 48.98 | XTR450 | 57.15 |
| | Access pipe | | TR260H | 48.54 | XTR260 | 52.24 | TR360H | 50.51 | XTR360 | 54.41 | TR460H | 60.68 | XTR460 | 65.36 |
| | Pipe clip | | TR280H | 9.85 | XTR280 | 9.85 | TR380H | 10.28 | XTR380 | 10.28 | TR480H | 11.63 | XTR480 | 11.63 |
| | Offset | Fixed 75mm Fixed 100mm Fixed 150mm | TR2903H | 46.04 | XTR2903 | 49.10 | TR3903H | 52.07 | XTR3903 | 55.55 | TR4903H | 64.10 | XTR4903 | 68.38 |
| | | | TR2904H | 46.97 | XTR2904 | 50.10 | TR3904H | 57.56 | XTR3904 | 61.39 | TR4904H | 70.85 | XTR4904 | 75.56 |
| | | | TR2906H | 49.76 | XTR2906 | 53.08 | TR3906H | 60.15 | XTR3906 | 64.17 | TR4906H | 74.01 | XTR4906 | 78.95 |
| | Adjustable eaves offset | 2 part adj to 450mm 2 part adj to 900mm | TR2945H | 72.90 | XTR2945 | 78.49 | TR3945H | 84.71 | XTR3945 | 91.23 | TR4945H | 117.24 | XTR4945 | 126.27 |
| | | | TR2990H | 81.68 | XTR2990 | 88.51 | TR3990H | 96.53 | XTR3990 | 104.59 | TR4990H | 136.84 | XTR4990 | 148.25 |
| Non standard Projections Available | | | Min Offset Achievable 150mm | | | | Min Offset Achievable 200mm | | | | Min Offset Achievable 280mm | | | |

| Description | | | Heritage Black | | Other Colours | | |
|--------------------------|--------------------|--|--|---|--|---|------|
| | | | Code | Price | Code | Price | |
| | Rainwater diverter | 63mm Ø 76mm Ø | TRD25H TRD35H | 48.22 61.16 | XTRD25 XTRD35 | 55.10 66.66 | |
| | Hopper head | Standard - 63mm Ø Standard - 76mm Ø Standard - 102mm Ø 250x180x180mm tall Fluted - 63mm Ø Fluted - 76mm Ø 285x210x225mm tall Ornamental - 63mm Ø Ornamental - 76mm Ø Ornamental - 102mm Ø 410x190x185mm tall | TH101H TH102H TH103H TH401H TH402H TH301H TH302H TH303H | 79.01 79.01 79.01 109.40 109.40 253.29 253.29 253.29 | XTH101 XTH102 XTH103 XTH401 XTH402 XTH301 XTH302 XTH303 | 79.01 79.01 79.01 109.40 109.40 253.29 253.29 253.29 | |
| | Wall spacer | Pack of 2 30mm projection | SC712H | 6.93 | XSC712 | 8.16 | |
| Compatible fixing screws | | | M6 x 70mm hexagonal coach screw - for downpipe and hopper | | SC208H | | 1.49 |
| | | | M6 x 100mm hexagonal coach screw - for wall spacer | | SC209H | | 1.73 |

| Description | Code | Price |
|---------------------------|-------|-------|
| Joint sealant 310ml clear | SC101 | 9.24 |

For an estimate email projects@marleyalutec.co.uk or use our online estimating tool at www.marleyalutec.co.uk/calculators Additional sundries required on page 33.

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Flushfit Circular Downpipe Prices













To view compatible gutter systems, see page 7




For delivery charges and lead times see page 88



See page 5 for details of our standard colours

| Description | | 63mm | | | | 76mm | | | | 102mm | | | |
|---|---|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|
| | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | |
| | | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price |
|  | Downpipe 3m | RE213H | 57.07 | XRE213 | 58.88 | RE313H | 62.28 | XRE313 | 68.58 | RE413H | 113.01 | XRE413 | 116.41 |
|  | Pipe joint spigot | RE220H | 9.96 | XRE220 | 11.25 | RE320H | 11.33 | XRE320 | 12.87 | RE420H | 11.72 | XRE420 | 12.07 |
|  | Socket to spigot connector For connecting straight pipe directly to gutter outlets | RE224H | 10.04 | XRE224 | 11.35 | RE324H | 11.42 | XRE324 | 11.42 | RE424H | 13.41 | XRE424 | 13.80 |
|  | Bend For gutter outlet connection, use Adj. eaves offset | RE230H RE232H | 24.10 24.10 | XRE230 XRE232 | 27.24 27.24 | RE330H RE332H | 26.20 26.20 | XRE330 XRE332 | 27.87 27.87 | RE430H RE432H | 37.16 37.16 | XRE430 XRE432 | 38.27 38.27 |
|  | Branch 112.5° | RE242H | 45.59 | XRE242 | 51.52 | RE342H | 49.55 | XRE342 | 51.45 | RE442H | 53.30 | XRE442 | 54.92 |
|  | Shoe | RE250H | 18.89 | XRE250 | 21.34 | RE350H | 20.54 | XRE350 | 22.16 | RE450H | 27.96 | XRE450 | 28.81 |
|  | Access pipe | RE260H | 58.60 | XRE260 | 66.23 | RE360H | 63.70 | XRE360 | 65.74 | RE460H | 63.34 | XRE460 | 65.24 |
|  | Pipe clip | RE280H | 4.56 | XRE280 | 5.14 | RE380H | 4.95 | XRE380 | 5.37 | RE480H | 9.22 | XRE480 | 9.49 |
|  | Adjustable eaves offset | RE2925H | 52.10 | XRE2925 | 58.87 | RE3925H | 56.61 | XRE3925 | 59.32 | RE4925H | 75.43 | XRE4925 | 77.68 |
| | 2 part adj 90 to 250mm | RE2950H | 55.21 | XRE2950 | 62.38 | RE3950H | 60.00 | XRE3950 | 62.71 | RE4950H | 83.81 | XRE4950 | 86.32 |
| | 2 part adj 90 to 500mm | RE29100H | 61.41 | XRE29100 | 69.39 | RE39100H | 66.75 | XRE39100 | 69.44 | RE49100H | 100.57 | XRE49100 | 103.59 |
| | 2 part adj 90 to 1000mm | | | | | | | | | | | | |
| | Fixed offset | | POA | | POA | | POA | | POA | | POA | | POA |
|  | Rainwater diverter | TRD25H | 48.22 | XTRD25 | 55.10 | TRD35H | 61.16 | XTRD35 | 66.66 | | | | |
|  | Hopper head 280x180x180mm Standard tall | RH113H | 64.02 | XRH113 | 64.02 | RH111H | 64.02 | XRH111 | 64.02 | RH114H | 64.02 | XRH114 | 64.02 |
|  | Compatible fixing screws M6 x 70mm hexagonal coach screw - for downpipe and hopper | SC208H | 1.49 | XSC208 | 1.49 | SC208H | 1.49 | XSC208 | 1.49 | SC208H | 1.49 | XSC208 | 1.49 |

| Description | | Code | Price |
|---|---------------------------|-------|-------|
|  | Joint sealant 310ml clear | SC101 | 9.24 |

Traditional Square & Rectangle Downpipe Prices: BS 8530


To view compatible gutter systems, see page 7







For delivery charges and lead times see page 88



See page 5 for details of our standard colours

| Description | | 72x72mm | | | | 102x76mm | | | | 102x102mm | | | |
|---|--|----------------|--------|---------------|--------|-----------------------|--------|-----------------------|--------|----------------|--------|---------------|--------|
| | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | |
| | | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price |
|  | Downpipe Available with non eared sockets 3m | RSR313H | 141.13 | XRSR313 | 141.13 | RSR113H | 171.40 | XRSR113 | 171.40 | RSR413H | 179.23 | XRSR413 | 179.23 |
|  | Pipe Socket 3 | RSR320H | 23.83 | XRSR320 | 23.83 | RSR120H | 24.04 | XRSR120 | 24.04 | RSR420H | 28.14 | XRSR420 | 28.14 |
|  | Bend 92.5° 112.5° 135° | RSR330H | 74.61 | XRSR330 | 74.61 | RSR130H ⁴ | 76.51 | XRSR130 ⁴ | 76.51 | RSR430H | 83.22 | XRSR430 | 83.22 |
| | | RSR332H | 74.61 | XRSR332 | 74.61 | RSR132H ⁴ | 76.51 | XRSR132 ⁴ | 76.51 | RSR432H | 83.22 | XRSR432 | 83.22 |
| | | RSR335H | 74.61 | XRSR335 | 74.61 | RSR135H ⁴ | 76.51 | XRSR135 ⁴ | 76.51 | RSR435H | 83.22 | XRSR435 | 83.22 |
|  | Branch 92.5° 112.5° 135° | RSR340H | 121.07 | XRSR340 | 121.07 | RSR140H ⁴ | 119.90 | XRSR140 ⁴ | 119.90 | RSR440H | 128.81 | XRSR440 | 128.81 |
| | | RSR342H | 121.07 | XRSR342 | 121.07 | RSR142H ⁴ | 119.90 | XRSR142 ⁴ | 119.90 | RSR442H | 128.81 | XRSR442 | 128.81 |
| | | RSR345H | 121.07 | XRSR345 | 121.07 | RSR145H ⁴ | 119.90 | XRSR145 ⁴ | 119.90 | RSR445H | 128.81 | XRSR445 | 128.81 |
|  | Shoe 3 | RSR350H | 73.28 | XRSR350 | 73.28 | RSR150H | 74.34 | XRSR150 | 74.34 | RSR450H | 82.67 | XRSR450 | 82.67 |
|  | Access pipe 3 | RSR360H | 83.92 | XRSR360 | 83.92 | RSR160H | 82.96 | XRSR160 | 82.96 | RSR460H | 88.61 | XRSR460 | 88.61 |
|  | Pipe clip | RSR380H | 13.32 | XRSR380 | 13.32 | RSR180H | 10.75 | XRSR180 | 10.75 | RSR480H | 12.95 | XRSR480 | 12.95 |
|  | Fixed offset 75mm 100mm 150mm | RSR3903H | 91.65 | XRSR3903 | 91.65 | RSR1903H ⁴ | 91.22 | XRSR1903 ⁴ | 91.22 | RSR4903H | 109.32 | XRSR4903 | 109.32 |
| | | RSR3904H | 92.52 | XRSR3904 | 92.52 | RSR1904H ⁴ | 92.37 | XRSR1904 ⁴ | 92.37 | RSR4904H | 113.07 | XRSR4904 | 113.07 |
| | | RSR3906H | 94.32 | XRSR3906 | 94.32 | RSR1906H ⁴ | 94.03 | XRSR1906 ⁴ | 94.03 | RSR4906H | 118.37 | XRSR4906 | 118.37 |
|  | Adjustable eaves offset 2 part adj 75 to 450mm 2 part adj 75 to 900mm | RSR3945H | 129.24 | XRSR3945 | 129.24 | RSR1945H ⁴ | 127.67 | XRSR1945 ⁴ | 127.67 | RSR4945H | 138.99 | XRSR4945 | 138.99 |
| | | RSR3990H | 140.29 | XRSR3990 | 140.29 | RSR1990H ⁴ | 139.99 | XRSR1990 ⁴ | 139.99 | RSR4990H | 154.20 | XRSR4990 | 154.20 |
|  | Drain connector (slip socket) Adapts to 110mm Ø drain | RSR370H | 76.44 | XRSR370 | 76.44 | RSR170H | 78.82 | XRSR170 | 78.82 | RSR470H | 80.12 | XRSR470 | 80.12 |

| Description | | Heritage Black | | Other Colours | |
|---|--|--------------------|----------------|--------------------|----------------|
| | | Code | Price | Code | Price |
|  | Rainwater diverter | RSRD35H RSRD15H | 76.19 85.71 | XRSRD35 XRSRD15 | 76.19 85.71 |
|  | Hopper head Standard 72x72mm Standard 102x76mm Standard 102x102mm Fluted 72x72mm Ornamental 72x72mm Ornamental 102x76mm Ornamental 102x102mm | RH104H | 75.97 | XRH104 | 75.97 |
| | | RH105H | 75.97 | XRH105 | 75.97 |
| | | RH106H | 75.97 | XRH106 | 75.97 |
| | | RH404H | 107.14 | XRH404 | 107.14 |
| | | RH304H | 253.29 | XRH304 | 253.29 |
| | | RH305H | 253.29 | XRH305 | 253.29 |
| | | RH306H | 253.29 | XRH306 | 253.29 |
|  | Cast spacer bobbin 30mm projection | SC711H | 6.93 | XSC711 | 6.93 |
| Compatible fixing screws M6 x 70mm hexagonal coach screw - for downpipe and hopper M6 x 100mm hexagonal coach screw - for cast spacer bobbin | | SC208H | 1.49 | XSC208 | 1.49 |
| | | SC209H | 1.73 | XSC209 | 1.73 |

| Description | Code | Price |
|--|-------|-------|
|  Joint sealant 310ml clear | SC101 | 9.24 |

³ If sockets required without ears add suffix NE to part number. ⁴ Suffix with L or R if different handing/projection is required, otherwise will be supplied as illustrated. Additional sundries required on page 33.

Flushfit Square & Rectangular Downpipe Prices

To view compatible gutter systems, see page 7




For delivery charges and lead times see page 88



See page 5 for details of our standard colours


| Description | | 72x72mm | | | | 102x76mm | | | | 102x102mm | | | |
|---|--|----------------|--------|---------------|--------|----------------|--------|---------------|--------|----------------|--------|---------------|--------|
| | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | |
| | | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price |
|  | Downpipe 3m | RJ313H | 102.46 | XRJ313 | 110.56 | RJ113H | 146.23 | XRJ113 | 146.23 | RJ413H | 167.07 | XRJ413 | 167.07 |
|  | Pipe joint spigot | RJ320H | 11.67 | XRJ320 | 11.67 | RJ120H | 12.08 | XRJ120 | 12.08 | RJ420H | 12.57 | XRJ420 | 12.57 |
|  | Bend For gutter outlet connection, use Adjustable eaves offset | RJ330H | 38.08 | XRJ330 | 38.08 | RJ130H | 39.88 | XRJ130 | 39.88 | RJ430H | 44.78 | XRJ430 | 44.78 |
| | | RJ332H | 38.08 | XRJ332 | 38.08 | RJ132H | 39.88 | XRJ132 | 39.88 | RJ432H | 44.78 | XRJ432 | 44.78 |
|  | Branch 112.5° | RJ342H | 64.71 | XRJ342 | 64.71 | RJ142H | 70.24 | XRJ142 | 70.24 | RJ442H | 73.99 | XRJ442 | 73.99 |
|  | Shoe | RJ350H | 25.95 | XRJ350 | 25.95 | RJ150H | 29.81 | XRJ150 | 29.81 | RJ450H | 32.29 | XRJ450 | 32.29 |
|  | Access pipe | RJ360H | 45.85 | XRJ360 | 45.85 | RJ160H | 64.78 | XRJ160 | 64.78 | RJ460H | 74.28 | XRJ460 | 74.28 |
|  | Pipe clip | RJ380H | 11.61 | XRJ380 | 11.61 | RJ180H | 12.07 | XRJ180 | 12.07 | RJ480H | 12.95 | XRJ480 | 12.95 |
|  | 2 part adj 75 to 250mm | RJ3925H | 78.20 | XRJ3925 | 78.20 | RJ1925H | 88.21 | XRJ1925 | 88.21 | RJ4925H | 95.16 | XRJ4925 | 95.16 |
| | 2 part adj 75 to 500mm | RJ3950H | 84.94 | XRJ3950 | 84.94 | RJ1950H | 93.35 | XRJ1950 | 93.35 | RJ4950H | 105.70 | XRJ4950 | 105.70 |
| | 2 part adj 75 to 1000mm | RJ39100H | 98.43 | XRJ39100 | 98.43 | RJ19100H | 112.03 | XRJ19100 | 112.03 | RJ49100H | 126.85 | XRJ49100 | 126.85 |
| | Fixed offset | | POA | | POA | | POA | | POA | | POA | | POA |
|  | Drain connector (slip socket) Adapts to 110mm Ø drain | RSR370H | 76.44 | XRSR370 | 76.44 | RSR170H | 78.82 | XRSR170 | 78.82 | RSR470H | 80.12 | XRSR470 | 80.12 |
|  | Rainwater diverter | RSRD35H | 76.19 | XRSRD35 | 76.19 | RSRD15H | 85.71 | XRSRD15 | 85.71 | | | | |
|  | Hopper head 250x180x180mm tall Standard 72x72mm 250(w) x 180(d) x 180(h)mm | RH112H | 75.97 | XRH112 | 75.97 | RH115H | 75.97 | XRH115 | 75.97 | RH116H | 75.97 | XRH116 | 75.97 |
|  | Compatible fixing screws M6 x 70mm hexagonal coach screw - for downpipe and hopper | SC208H | 1.49 | XSC208 | 1.49 | | | | | | | | |

| Description | | Code | Price |
|---|----------------------------------|-------|-------|
|  | Joint sealant 310ml clear | SC101 | 9.24 |

Vandal Resistant Downpipe Prices

To view compatible gutter systems, see page 7

|  For delivery charges and lead times see page 88 | | | | | |  See page 5 for details of our standard colours | | | | | | | | | |
|---|---|----------------------------|----------------|--------|---------------|--|----------------------------|--------|----------------------|--------|----------------|-----------------------------|-----------------------|--------|--|
| Description | | | 72x72mm | | | | 102x76mm | | | | 102x102mm | | | | |
| | | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | | Heritage Black | | Other Colours | | |
| | | | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price | Code | Price | |
|  | Downpipe | 3m | RVR313H | 141.22 | XRVR313 | 141.22 | RVR113H | 179.90 | XRVR113 | 179.90 | RVR413H | 184.42 | XRVR413 | 184.42 | |
|  | Pipe joint spigot | | RVR320H | 11.67 | XRVR320 | 11.67 | RVR120H | 12.08 | XRVR120 | 12.08 | RVR420H | 12.57 | XRVR420 | 12.57 | |
|  | Bend For gutter outlet connection, use Adjustable eaves offset | 92.5° 112.5° 135° | RVR330H | 49.74 | XRVR330 | 49.74 | RVR130H ⁴ | 52.21 | XRVR130 ⁴ | 52.21 | RVR430H | 57.90 | XRVR430 | 57.90 | |
| | | | RVR332H | 49.74 | XRVR332 | 49.74 | RVR132H ⁴ | 52.21 | XRVR132 ⁴ | 52.21 | RVR432H | 57.90 | XRVR432 | 57.90 | |
| | | | RVR335H | 49.74 | XRVR335 | 49.74 | RVR135H ⁴ | 52.21 | XRVR135 ⁴ | 52.21 | RVR435H | 57.90 | XRVR435 | 57.90 | |
| | | | | | | | | | | | | | | | |
|  | Branch | 92.5° 112.5° 135° | RVR340H | 64.71 | XRVR340 | 64.71 | RVR140H ⁴ | 82.57 | XRVR140 ⁴ | 82.57 | RVR440H | 87.11 | XRVR440 | 87.11 | |
| | | | RVR342H | 64.71 | XRVR342 | 64.71 | RVR142H ⁴ | 82.57 | XRVR142 ⁴ | 82.57 | RVR442H | 87.11 | XRVR442 | 87.11 | |
| | | | RVR345H | 64.71 | XRVR345 | 64.71 | RVR145H ⁴ | 82.57 | XRVR145 ⁴ | 82.57 | RVR445H | 87.11 | XRVR445 | 87.11 | |
| | | | | | | | | | | | | | | | |
|  | Shoe | | RVR350H | 37.61 | XRVR350 | 37.61 | RVR150H | 42.14 | XRVR150 | 42.14 | RVR450H | 45.41 | XRVR450 | 45.41 | |
|  | Access pipe | | RVR360H | 45.85 | XRVR360 | 45.85 | RVR160H | 77.20 | XRVR160 | 77.20 | RVR460H | 87.40 | XRVR460 | 87.40 | |
|  | Fixing plate Includes fixing screws | | RVR380H | 11.66 | XRVR380 | 11.66 | RVR180H | 12.33 | XRVR180 | 12.33 | RVR480H | 13.12 | XRVR480 | 13.12 | |
|  | Wall offset Complete with fixing plate Provide required dimensions with order | | | POA | | POA | | POA | | POA | | POA | | POA | |
|  | Adjustable eaves offset 2 part adj to 450mm Non standard projections available 2 part adj to 900mm | | RVR3945H | 142.39 | XRVR3945 | 142.39 | RVR1945H | 156.73 | XRVR1945 | 156.73 | RVR4945H | 160.08 | XRVR4945 ⁴ | 160.08 | |
| | | | RVR3990H | 153.79 | XRVR3945 | 153.79 | RVR1990H | 170.50 | XRVR1990 | 170.50 | RVR4990H | 176.02 | XRVR4990 ⁴ | 176.02 | |
| | | Min offset Achievable 75mm | | | | | Min offset Achievable 75mm | | | | | Min offset Achievable 100mm | | | |
| | | | | | | | | | | | | | | | |
|  | Drain connector (slip socket) Adapts to 110mm Ø drain | | RSR370H | 76.44 | XRSR370 | 76.44 | RSR170H | 78.82 | XRSR170 | 78.82 | RSR470H | 80.12 | XRSR470 | 80.12 | |
|  | Hopper head Standard | 250x180x180mm tall | RH112H | 75.97 | XRH112 | 75.97 | RH115H | 75.97 | XRH115 | 75.97 | RH116H | 75.97 | XRH116 | 75.97 | |
| Compatible fixing screws | No. 12 x 50mm countersunk - for fixing plate - Mill finish | | SC241 | 0.36 | | | | | | | | | | | |
| | M6 x 70 mm hexagonal coach screw PPC - for hopper | | SC208H | 1.49 | XSC208 | 1.49 | | | | | | | | | |

| Description | | Code | Price |
|---|----------------------------------|-------|-------|
|  | Joint sealant 310ml clear | SC101 | 9.24 |

⁴ Suffix with L or R if different handing/projection is required, otherwise will be supplied as illustrated. Additional sundries required on page 33.




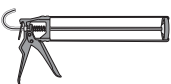


To view compatible gutter systems, see page 7



For delivery charges and lead times see page 88



See page 5 for details of our standard colours

| Description | | Heritage Black | |
|---|---|----------------|--------------|
| | | Code | Price |
|  | Join sealant See usage table below 310ml clear | SC101 | 9.24 |
|  | Sealant gun | SC105 | 16.36 |
|  | Solvent cleaner 1 litre | SC108 | 30.23 |
|  | Touch up paint 250ml | SC880 | 37.74 |

IMPORTANT: ONLY USE ALUTEC SUNDRIES TO ENSURE SYSTEM LIFE EXPECTANCY

Sealant usage table Approximate number of joints per tube of Alutec sealant

| | | | |
|--|----|---------------------------------------|----|
| Evolve Half Round | 30 | Aligator® Classic Ogee | 5 |
| Evolve Deepflow | 30 | Aligator® Deepflow | 6 |
| Evolve Box | 30 | Aligator® Ogee No. 46..... | 4 |
| Evolve Ogee | 30 | Aligator® Boxer 120x80mm..... | 5 |
| Evolve 63mm Ø pipe | 30 | Aligator® Boxer 135x100mm | 4 |
| | | Aligator® Boxer 160x100mm | 4 |
| | | Aligator® Giant | 3 |
| Traditional Half Round 100mm | 18 | Tudor 63mm Ø pipe | 30 |
| Traditional Half Round 113mm | 16 | Tudor 76mm Ø pipe | 30 |
| Traditional Half Round 125mm | 14 | Tudor 102mm Ø pipe | 30 |
| Traditional Victorian Ogee 100mm | 14 | Traditional 72x72mm pipe | 17 |
| Traditional Victorian Ogee 113mm..... | 12 | Traditional 102x76mm pipe | 13 |
| Traditional Victorian Ogee 125mm | 11 | Traditional 102x102mm pipe | 12 |
| Traditional Moulded Ogee 100mm | 11 | Flush-fit all pipe sizes | 30 |
| Traditional Moulded Ogee 125mm | 9 | Vandal Resistant all pipe sizes | 30 |
| Traditional Moulded Ogee 150mm | 7 | | |

310ml Tube of sealant = approximately 6 linear metres of 8mm diameter bead





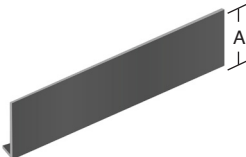
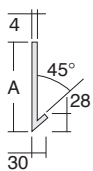
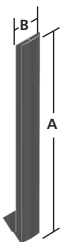
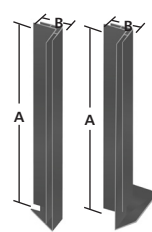
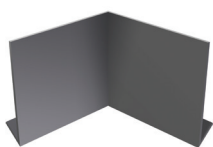
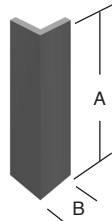
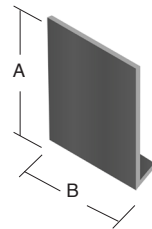

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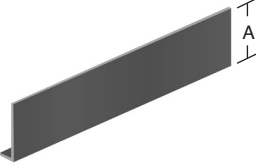

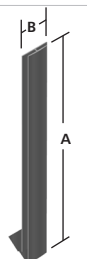
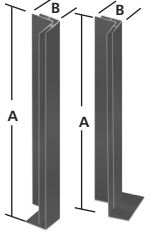

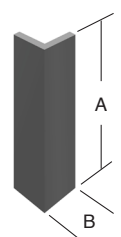
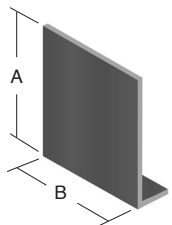
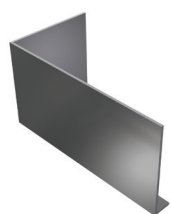
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on all listed
prices



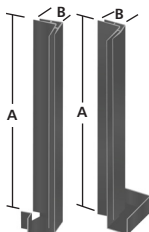
Fascia Type A Prices

| evoke | | | | |
|---|---|--|--|--|
|  For delivery charges and lead times see page 88 | |  See page 5 for details of our standard colours | | |
| Description - Please supply colour when ordering | | | Code | Price |
|  | Fascia A - 3m 30mm Return, 45° Non standard sizes available on request¹ |  | A 120mm 165mm 200mm 250mm 325mm 450mm | FA1120 FA1165 FA1200 FA1250 FA1325 FA1450 76.26 95.32 106.30 121.32 144.58 181.98 |
|  | H-Section joint trim Site cut as required | | A 300mm 500mm B 31mm 31mm | FA21 FA22 16.07 17.57 |
|  | H-Section corner joint trim 90° Site cut as required | External External Internal Internal | A 300mm 500mm 300mm 500mm B 31mm 31mm 31mm 31mm | FA61 FA62 FA71 FA72 23.28 26.06 23.28 26.06 |
|  | Corner angle 90° | | | POA POA |
|  | Universal angle cover trim Site cut and bend as required. Install using rubber roller or equivalent | | A 1000mm B 31mm | FA30 9.97 |
|  | Gable box end Site cut as required | | A 350mm 350mm 650mm B 450mm 600mm 600mm | FA51 FA52 FA53 34.02 39.23 58.97 |
|  | Corner gable box end | | | POA POA |

Fascia Type B Prices



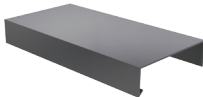
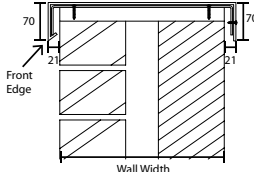
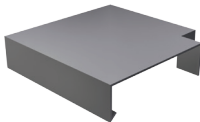

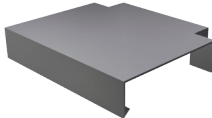


|  | | | |
|---|---|--|---------------|
|  For delivery charges and lead times see page 88 | |  See page 5 for details of our standard colours | |
| Description - Please supply colour when ordering | | Code | Price |
|  | Fascia B - 3m 30mm Return, 90° Non standard sies available on request¹  | A | |
| | | 150mm | FB1150 |
| | | 175mm | FB1175 |
| | | 210mm | FB1210 |
| | | 260mm | FB1260 |
| | | 335mm | FB1335 |
| | | 460mm | FB1460 |
|  | H-Section joint trim Site cut as required <div> <div>A</div> <div>B</div> </div> | | |
| | | 300mm 31mm | FB21 |
|  | H-Section corner joint trim 90° Site cut as required <div> <div>External</div> <div>External</div> <div>Internal</div> <div>Internal</div> </div> | | |
| | | 300mm 31mm | FB61 |
| | | 500mm 31mm | FB62 |
| | | 300mm 31mm | FB71 |
| | | 500mm 31mm | FB72 |
|  | Corner angle 90° | | |
| | | | POA |
|  | Universal angle cover trim Site cut and bend as required. Install using rubber roller or equivalent <div> <div>A</div> <div>B</div> </div> | | |
| | | 1000mm 31mm | FB30 |
|  | Gable box end Site cut as required <div> <div>A</div> <div>B</div> </div> | | |
| | | 350mm 450mm | FB51 |
| | | 350mm 600mm | FB52 |
| | | 650mm 600mm | FB53 |
|  | Corner gable box end | | |
| | | | POA |

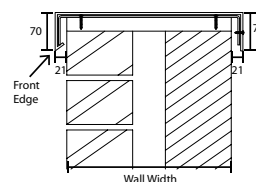
Fascia Type C Prices

| evoke | | | | | |
|---|---|---|---|--|--|
|  For delivery charges and lead times see page 88 | |  See page 5 for details of our standard colours | | | |
| Description - Please supply colour when ordering | | | Code | Price | |
|  | Fascia C - 3m 30x25mm Return Non standard sies available on request ¹ |  <div><div>A</div><div>150mm</div><div>185mm</div><div>235mm</div><div>310mm</div><div>435mm</div></div> | FC1150 FC1185 FC1235 FC1310 FC1435 | 97.05 109.01 126.27 150.43 185.96 | |
|  | H-Section joint trim Site cut as required | <div><div>A</div><div>300mm</div><div>500mm</div></div> <div><div>B</div><div>31mm</div><div>31mm</div></div> | FC21 FC22 | 16.07 17.57 | |
|  | H-Section corner joint trim 90° Site cut as required | <div>External</div> <div>External</div> <div>Internal</div> <div>Internal</div> <div><div>A</div><div>300mm</div><div>500mm</div><div>300mm</div><div>500mm</div></div> <div><div>B</div><div>31mm</div><div>31mm</div><div>31mm</div><div>31mm</div></div> | FC61 FC62 FC71 FC72 | 23.28 26.06 23.28 26.06 | |
|  | Corner angle 90° | | POA | POA | |
|  | Universal angle cover trim Site cut and bend as required. Install using rubber roller or equivalent | <div><div>A</div><div>1000mm</div></div> <div><div>B</div><div>31mm</div></div> | FC30 | 9.97 | |
|  | Gable box end Site cut as required | <div><div>A</div><div>350mm</div><div>350mm</div><div>650mm</div></div> <div><div>B</div><div>450mm</div><div>600mm</div><div>600mm</div></div> | FC51 FC52 FC53 | 35.80 40.98 60.73 | |
|  | Corner gable box end | | POA | POA | |

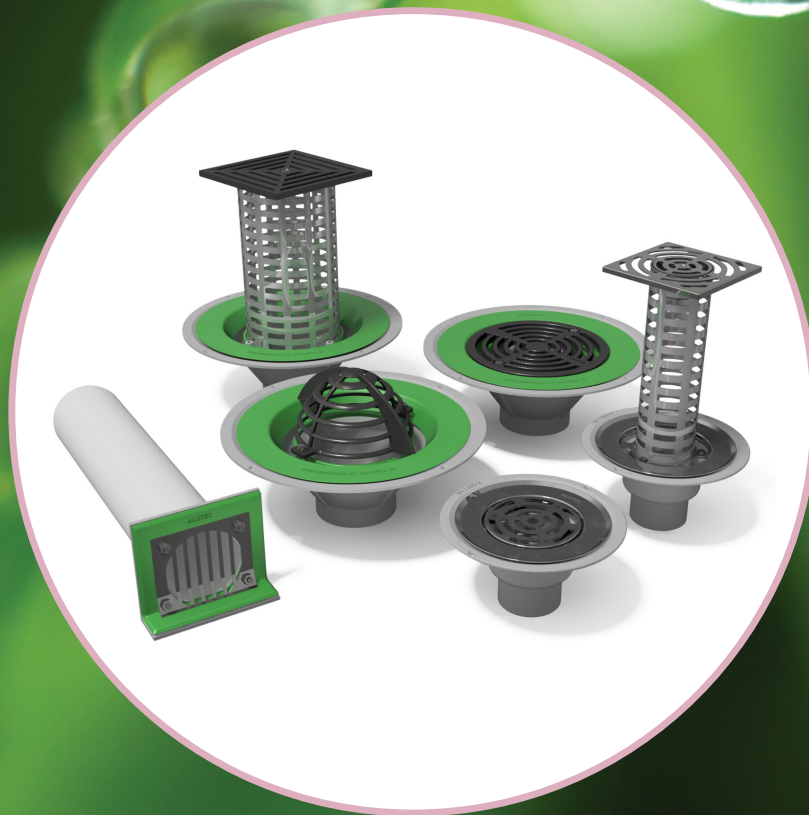
| <div>  </div> | | | |
|--|--|---|----------------------|
| <div>  For delivery charges and lead times see page 88 </div> | | <div>  See page 5 for details of our standard colours </div> | |
| Description - Please supply colour when ordering | | Code | Price |
|  | Soffit panel unvented - 3m Non standard sizes available on request ¹ | A | |
| | | 100mm | FF1100 40.44 |
| | | 180mm | FF1180 64.47 |
| | | 240mm | FF1240 83.19 |
| | | 365mm | FF1365 121.38 |
| | | 490mm | FF1490 159.12 |
| | | 740mm | FF1740 230.85 |
|  | Soffit panel vented - 3m Slotted to give 25mm continuous ventilation area. Non standard sizes available on request ¹ | A | |
| | | 100mm | FV1100 58.35 |
| | | 180mm | FV1180 84.28 |
| | | 240mm | FV1240 105.37 |
| | | 365mm | FV1365 145.07 |
| | | 490mm | FV1490 186.83 |
| | | 740mm | FV1740 270.18 |
|  | H-section joint trim Size cut as required | A 1000mm B 31mm | FF21 9.91 |
|  | Soffit support trim - 3m | A 30mm B 25mm | FF30 42.00 |
| Installation sundries | | | |
| Polypin 2 x 30mm - colour matched (100 per bag) | | SC670 | 27.74 |
| Poly nail 3 x 50mm - colour matched fixing fascia where gutter will hide fixings (100 per bag) | | SC280 | 46.42 |
| No. 10x15 countersunk screw - fixing gutter brackets to fascia (100 per bag) | | SC203 | 22.90 |
| No. 8x25mm flangehead screw - alternative to polypin fixing (colour matched) | | SC675 | 0.44 |
| Joint sealant - clear | | SC101 | 9.24 |
| Joint sealant - colour matched | | SC103 | 19.49 |
| Solvent cleaner | | SC108 | 30.23 |
| Bonding back plate 70mm x 3m For use with Sikatack™ Panel System - Site cut as required Contact Alutec Technical Services department for further details | | FY40 | 33.26 |

Coping Prices

| evoke | | | | |
|---|--|--|---|-------------------------|
|  For delivery charges and lead times see page 88 | |  See page 5 for details of our standard colours | | |
| Description - Please supply colour when ordering | | Code | Price ¹ | |
|  | Coping - 3m Copings made to order to fit exact wall width |  | - | POA |
|  | Angle 90° Copings made to order to fit exact wall width | | - | POA |
|  | Stop end Copings made to order to fit exact wall width | | - | POA |
|  | T-Junction 90° Copings made to order to fit exact wall width | | - | POA |
|  | Stop end upstand Copings made to order to fit exact wall width | | - | POA |
|  | Fixing bracket Copings made to order to fit exact wall width | | - | POA |
| Installation sundries | | | No. 8 x 25mm flangehead screw No. 8 x 15mm colour matched flangehead screw Joint sealant - colour matched | SC204 SC250 SC103 |



OUTLETS



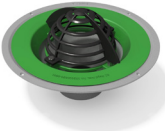


Merchant
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available
on all listed
prices



Outlet Prices




For delivery charges and lead times see page 88

Roof outlets

| Description | | Pipe Connection 82mmØ (OD) | | Pipe Connection 110mmØ (OD) | | Pipe Connection 160mmØ (OD) | |
|---|--|----------------------------|--------|-----------------------------|--------|-----------------------------|--------|
| | | Code | Price | Code | Price | Code | Price |
|  Roof Outlet with Dome Grate Supplied with PVCu pipe connector SC101 sealant £9.24 Required to seal the supplied PVCu threaded pipe connector to the underside of an outlet. 1 tube seals approx. 10 outlet joints. | | AR82 | 125.00 | AR110 | 162.00 | AR160 | 185.00 |
| | | | | | | | |
|  Roof Outlet with Flat Grate Supplied with PVCu pipe connector SC101 sealant £9.24 Required to seal the supplied PVCu threaded pipe connector to the underside of an outlet. 1 tube seals approx. 10 outlet joints. | | AR82F | 125.00 | AR110F | 162.00 | AR160F | 185.00 |
| | | | | | | | |
|  Roof Outlet with Extended Grate 300mm height Supplied with PVCu pipe connector SC101 sealant £9.24 Required to seal the supplied PVCu threaded pipe connector to the underside of an outlet. 1 tube seals approx. 10 outlet joints. | | AR82TG | 270.00 | AR110TG | 324.00 | AR160TG | 351.00 |
| | | | | | | | |

| Description | | Code | Price |
|---|--|------|-------|
|  Bluroof Restriction Device *Suitable for use with extended grate roof outlets only. | | ARBR | POA |
|  Refurbishment adaptor Allows 82mmØ connection outlets to push into 110mmØ outlets | | DRH8 | 6.75 |

Sundries


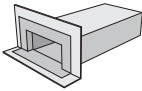
| Description | | Code | Price |
|--|-------------|-------|-------|
|  Joint sealant Required to seal the supplied PVCu threaded pipe connector to the underside of an outlet. 1 tube seals approx. 10 outlet joints. | 310ml clear | SC101 | 9.24 |

| Spares: Roof Outlet | | Code | Price |
|--|--|--------|--------|
| Roof outlet dome grate - with bolts (2 off) | | ARG1 | 33.92 |
| Roof outlet flat grate - with bolts (2 off) | | ARG2 | 45.25 |
| Roof outlet terrace grate - with screw (1 off) | | ARTG1 | 45.28 |
| Roof outlet extension piece - 300mm height | | ARX1 | 166.00 |
| 82mmØ Threaded PVCu pipe connector | | PTA82 | 35.00 |
| 110mmØ Threaded PVCu pipe connector | | PTA110 | 45.00 |
| 160mmØ Threaded PVCu pipe connector | | PTA160 | 55.00 |




For delivery charges and lead times see page 88



Parapet outlets

| Description | | Code | Price |
|---|------------------------|------------------------------|--------------------------------|
|  Parapet Outlet 110mmØ Supplied with threaded adaptor SC101 sealant £9.24 Required to seal the supplied PVCu threaded pipe connector to the underside of an outlet. 1 tube seals approx. 10 outlet joints. | | AP110 | 175.00 |
|  Parapet Chute *Not suitable for use with single ply membranes | 300x150mm 500x150mm | PC300 PC500 | 342.12 420.51 |

Spares

| Description | Code | Price |
|----------------------|-------------|--------------|
| Parapet outlet grate | APG1 | 20.00 |


Balcony outlets

| Description | | Code | Price |
|---|--|---------------|---------------|
|  Balcony Outlet with Flat grate Connects to 82mmØ, 110mmØ, 76mmØ and 102mmØ pipe | | ABO1 | 120.00 |
|  Balcony Outlet with Terrace Grate Assembly Connects to 82mmØ, 110mmØ, 76mmØ and 102mmØ pipe | | ABO1TG | 230.00 |

Spares

| Description | Code | Price |
|---|---------------|---------------|
| Balcony outlet flat grate - with screw (3 off) | ABG1 | 28.78 |
| Balcony outlet extension piece | ABX1 | 110.00 |
| Balcony outlet Terrace Grate | ABTG12 | 49.91 |
| Balcony outlet adaptor with Jubilee clip For connection to 76mmØ and 72x72mm pipe | ABD12 | 16.40 |

Car park outlets

| Description | | Code | Price |
|---|---|---|---|
|  Car park outlet SC101 sealant £9.24 Required to seal the supplied PVCu threaded pipe connector to the underside of an outlet. 1 tube seals approx. 10 outlet joints. | 82mm Ø (OD) 110mm Ø (OD) 160mm Ø (OD) | AC82 AC110 AC160 | 227.00 250.00 270.00 |



| PRODUCT | DESCRIPTION | PAGE | PRODUCT | DESCRIPTION | PAGE |
|---------|--|------|---------|---|------|
| ABD12 | BALCONY OUTLET ADAPTOR WITH JUBILEE CLIP | 43 | FB53 | GABLE BOX END TYPE B 600X650MM | 37 |
| ABG1 | BALCONY OUTLET FLAT GRATE - WITH SCREW (3 OFF) | 43 | FB61 | H-SECTION CORNER JOINT TRIM 900 TYPE B EXTERNAL 300MM | 37 |
| ABO1 | BALCONY OUTLET WITH FLAT GRATE | 43 | FB62 | H-SECTION CORNER JOINT TRIM 900 TYPE B EXTERNAL 500MM | 37 |
| ABO1TG | BALCONY OUTLET WITH TERRACE GRATE ASSEMBLED | 43 | FB71 | H-SECTION CORNER JOINT TRIM 900 TYPE B INTERNAL 300MM | 37 |
| ABX1 | BALCONY OUTLET EXTENSION PIECE | 43 | FB72 | H-SECTION CORNER JOINT TRIM 900 TYPE B INTERNAL 500MM | 37 |
| AC110 | CAR PARK OUTLET 110MMØ | 43 | FC1150 | FASCIA PANEL TYPE C 150MM 3M | 38 |
| AC160 | CAR PARK OUTLET 160MMØ | 43 | FC1185 | FASCIA PANEL TYPE C 185MM 3M | 38 |
| AC71H | HALF ROUND 100 MM SIDE RAFTER | 16 | FC1235 | FASCIA PANEL TYPE C 235MM 3M | 38 |
| AC72H | EVOLVE HALF ROUND FIXED SIDE RAFTER ARM - HERITAGE BLACK | 12 | FC1310 | FASCIA PANEL TYPE C 310MM 3M | 38 |
| AC72H | TRADITIONAL 113MM & EVOLVE HALF ROUND SIDE RAFTER | 16 | FC1435 | FASCIA PANEL TYPE C 435MM 3M | 38 |
| AC73H | HALF ROUND 125MM SIDE RAFTER | 16 | FC21 | H-SECTION JOINT TRIM TYPE C 300MM | 38 |
| AC74H | HALF ROUND 100MM TOP RAFTER | 16 | FC22 | H-SECTION JOINT TRIM TYPE C 500MM | 38 |
| AC75H | EVOLVE HALF ROUND FIXED TOP RAFTER ARM - HERITAGE BLACK | 12 | FC30 | UNIVERSAL ANGLE COVER TRIM TYPE C 1000X31MM | 38 |
| AC75H | TRADITIONAL 113MM & EVOLVE HALF ROUND TOP RAFTER | 16 | FC51 | GABLE BOX END TYPE C 450X350MM | 38 |
| AC76H | HALF ROUND 125MM TOP RAFTER | 16 | FC52 | GABLE BOX END TYPE C 600X350MM | 38 |
| AC82 | CAR PARK OUTLET 82MMØ | 43 | FC53 | GABLE BOX END TYPE C 600X650MM | 38 |
| AC91H | HALF ROUND RISE&FALL BRACKET 100MM | 16 | FC61 | H-SECTION CORNER JOINT TRIM 900 TYPE C EXTERNAL 300MM | 38 |
| AC92H | HALF ROUND RISE&FALL BRACKET 113MM | 16 | FC62 | H-SECTION CORNER JOINT TRIM 900 TYPE C EXTERNAL 500MM | 38 |
| AC93H | EVOLVE HALF ROUND RISE & FALL BRACKET - HERITAGE BLACK | 12 | FC71 | H-SECTION CORNER JOINT TRIM 900 TYPE C INTERNAL 300MM | 38 |
| AC93H | HALF ROUND RISE&FALL BRACKET 125MM | 16 | FC72 | H-SECTION CORNER JOINT TRIM 900 TYPE C INTERNAL 500MM | 38 |
| AE73H | EVOLVE DEEPFLOW FIXED SIDE RAFTER ARM - HERITAGE BLACK | 13 | FF1100 | SOFFIT PANEL UNVENTED 100MM 3M | 39 |
| AE76H | EVOLVE DEEPFLOW FIXED TOP RAFTER ARM - HERITAGE BLACK | 13 | FF1180 | SOFFIT PANEL UNVENTED 180MM 3M | 39 |
| AE93H | EVOLVE DEEPFLOW RISE & FALL BRACKET - HERITAGE BLACK | 13 | FF1240 | SOFFIT PANEL UNVENTED 240MM 3M | 39 |
| AM71H | MOULDED 100X75MM SIDE RAFTER ARM | 18 | FF1365 | SOFFIT PANEL UNVENTED 365MM 3M | 39 |
| AM73H | MOULDED 125X100MM SIDE RAFTER ARM | 18 | FF1490 | SOFFIT PANEL UNVENTED 490MM 3M | 39 |
| AM74H | MOULDED 100X75MM TOP RAFTER ARM | 18 | FF1740 | SOFFIT PANEL UNVENTED 740MM 3M | 39 |
| AM75H | MOULDED 150X100MM SIDE RAFTER ARM | 18 | FF21 | H-SECTION JOINT TRIM 1M | 39 |
| AM76H | MOULDED 125X100MM TOP RAFTER ARM | 18 | FF30 | SOFFIT SUPPORT TRIM 3M | 39 |
| AM77H | MOULDED 150X100MM TOP RAFTER ARM | 18 | FV1100 | SOFFIT PANEL VENTED 100MM 3M | 39 |
| AM91H | MOULDED 100X75MM R&F BRACKET | 18 | FV1180 | SOFFIT PANEL VENTED 180MM 3M | 39 |
| AM93H | MOULDED 125X100MM R&F BRACKET | 18 | FV1240 | SOFFIT PANEL VENTED 240MM 3M | 39 |
| AM94H | MOULDED 150X100MM R&F BRACKET | 18 | FV1365 | SOFFIT PANEL VENTED 365MM 3M | 39 |
| AP110 | PARAPET OUTLET 160MMØ | 43 | FV1490 | SOFFIT PANEL VENTED 490MM 3M | 39 |
| APG1 | PARAPET OUTLET GRATE | 43 | FV1740 | SOFFIT PANEL VENTED 740MM 3M | 39 |
| AR110 | ROOF OUTLET WITH DOME GRATE 110MMØ | 42 | FY40 | BONDING BACK PLATE 3M | 39 |
| AR110F | ROOF OUTLET WITH FLAT GRATE 110MMØ | 42 | GB513H | EVOLVE BOX GUTTER 3M - HERITAGE BLACK | 14 |
| AR110TG | ROOF OUTLET WITH EXTENDED GRATE 110MMØ | 42 | GB520H | EVOLVE BOX UNION - HERITAGE BLACK | 14 |
| AR160 | ROOF OUTLET WITH DOME GRATE 160MMØ | 42 | GB523H | EVOLVE BOX OUTLET 76MM Ø - HERITAGE BLACK | 14 |
| AR160F | ROOF OUTLET WITH FLAT GRATE 160MMØ | 42 | GB525H | EVOLVE BOX OUTLET 72X72MM - HERITAGE BLACK | 14 |
| AR160TG | ROOF OUTLET WITH EXTENDED GRATE 160MMØ | 42 | GB532H | EVOLVE BOX 90 DEG ANGLE - HERITAGE BLACK | 14 |
| AR82 | ROOF OUTLET WITH DOME GRATE 82MMØ | 42 | GB537H | EVOLVE BOX 135 DEG ANGLE - HERITAGE BLACK | 14 |
| AR82F | ROOF OUTLET WITH FLAT GRATE 82MMØ | 42 | GB550H | EVOLVE BOX STOP END INTERNAL - HERITAGE BLACK | 14 |
| AR82TG | ROOF OUTLET WITH EXTENDED GRATE 82MMØ | 42 | GB555H | EVOLVE BOX STOP END EXTERNAL - HERITAGE BLACK | 14 |
| ARBR | BLUEROOF RESTRICTION DEVICE | 42 | GB580H | EVOLVE BOX FASCIA BRACKET - HERITAGE BLACK | 14 |
| ARG1 | ROOF OUTLET DOME GRATE - WITH BOLTS (2 OFF) | 42 | GC106H | TRADITIONAL 113MM HALF ROUND GUTTER 1.83M | 16 |
| ARG2 | ROOF OUTLET FLAT GRATE - WITH BOLTS (2 OFF) | 42 | GC120H | TRADITIONAL 113MM HALF ROUND UNION (EXTERNAL) | 16 |
| ARTG1 | ROOF OUTLET TERRACE GRATE - WITH SCREW (1 OFF) | 42 | GC122H | TRADITIONAL 113MM HALF ROUND OUTLET 63MM Ø | 16 |
| ARX1 | ROOF OUTLET EXTENSION PIECE | 42 | GC123H | TRADITIONAL 113MM HALF ROUND OUTLET 76MM Ø | 16 |
| AV71H | VICTORIAN 100MM SIDE RAFTER | 17 | GC125H | TRADITIONAL 113MM HALF ROUND OUTLET 72X72MM | 16 |
| AV72H | VICTORIAN 113MM SIDE RAFTER | 17 | GC132H | TRADITIONAL 113MM HALF ROUND ANGLE 90 DEG | 16 |
| AV73H | VICTORIAN 125MM SIDE RAFTER | 17 | GC137H | TRADITIONAL 113MM HALF ROUND ANGLE 135 DEG | 16 |
| AV74H | VICTORIAN 100MM TOP RAFTER ARM | 17 | GC139H | TRADITIONAL 113MM HALF ROUND ANGLE NON STD | 16 |
| AV75H | VICTORIAN 113MM TOP RAFTER ARM | 17 | GC150H | TRADITIONAL 113MM HALF ROUND STOP END INT | 16 |
| AV76H | VICTORIAN 125MM TOP RAFTER ARM | 17 | GC155H | TRADITIONAL 113MM HALF ROUND STOP END EXT | 16 |
| AV91H | VICTORIAN RISE&FALL BRACKET 100MM | 17 | GC180H | TRADITIONAL 113MM HALF ROUND FASCIA BRACKET | 16 |
| AV92H | VICTORIAN RISE&FALL BRACKET 113MM | 17 | GC406H | TRADITIONAL 100MM HALF ROUND GUTTER 1.83M | 16 |
| AV93H | VICTORIAN RISE&FALL BRACKET 125MM | 17 | GC420H | TRADITIONAL 100MM HALF ROUND UNION (EXTERNAL) | 16 |
| DRH8 | ROOF OUTLET REFURBISHMENT ADAPTOR 75MM | 43 | GC422H | TRADITIONAL 100MM HALF ROUND OUTLET 63MM Ø | 16 |
| FA1120 | FASCIA PANEL TYPE A 120MM 3M | 36 | GC423H | TRADITIONAL 100MM HALF ROUND OUTLET 76MM Ø | 16 |
| FA1165 | FASCIA PANEL TYPE A 165MM 3M | 36 | GC425H | TRADITIONAL 100MM HALF ROUND OUTLET 72X72MM | 16 |
| FA1200 | FASCIA PANEL TYPE A 200MM 3M | 36 | GC432H | TRADITIONAL 100MM HALF ROUND ANGLE 90 DEG | 16 |
| FA1250 | FASCIA PANEL TYPE A 250MM 3M | 36 | GC437H | TRADITIONAL 100MM HALF ROUND ANGLE 135 DEG | 16 |
| FA1325 | FASCIA PANEL TYPE A 325MM 3M | 36 | GC439H | TRADITIONAL 100MM HALF ROUND ANGLE NON STD | 16 |
| FA1450 | FASCIA PANEL TYPE A 450MM 3M | 36 | GC450H | TRADITIONAL 100MM HALF ROUND STOP END INT | 16 |
| FA21 | H-SECTION JOINT TRIM TYPE A 300MM | 36 | GC455H | TRADITIONAL 100MM HALF ROUND STOP END EXT | 16 |
| FA22 | H-SECTION JOINT TRIM TYPE A 500MM | 36 | GC480H | TRADITIONAL 100MM HALF ROUND FASCIA BRACKET | 16 |
| FA30 | UNIVERSAL ANGLE COVER TRIM TYPE A 1000X31MM | 36 | GC506H | TRADITIONAL 125MM HALF ROUND GUTTER 1.83M | 16 |
| FA51 | GABLE BOX END TYPE A 450X350MM | 36 | GC520H | TRADITIONAL 125MM HALF ROUND UNION (EXTERNAL) | 16 |
| FA52 | GABLE BOX END TYPE A 600X350MM | 36 | GC522H | TRADITIONAL 125MM HALF ROUND OUTLET 63MM Ø | 16 |
| FA53 | GABLE BOX END TYPE A 600X650MM | 36 | GC523H | TRADITIONAL 125MM HALF ROUND OUTLET 76MMØ | 16 |
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Linear Meterage Rates Gutter and maximum flow rates

Gutter system list price comparison

Use the table below to estimate the list price per linear metre and maximum flow rate for each Marley Alutec gutter system. The estimated list price is based on an average build and takes into account all components including gutter, angles, fascia brackets and stop ends. These list prices rates are subject to supplying merchant's discount.

| | Gutter system | Total system price £ / LM | | Maximum flow rate per outlet | |
|---|----------------------|---------------------------|---------------|------------------------------|------------------------|
| | | Heritage Black | Other colours | Capacity l/s | Effective roof area m2 |
|  | Half Round | 35.84 | 40.29 | 1.80 | 87 |
| | Deepflow | 46.03 | 51.42 | 4.90 | 232 |
| | Box | 55.03 | 60.00 | 7.00 | 333 |
| | Ogee | 63.90 | 69.52 | 7.00 | 333 |
|  | Half Round 100mm | 46.47 | 46.47 | 1.40 | 66 |
| | Half Round 113mm | 43.54 | 43.54 | 1.70 | 80 |
| | Half Round 125mm | 52.59 | 52.59 | 2.54 | 120 |
| | Victorian Ogee 100mm | 67.58 | 67.58 | 1.08 | 51 |
| | Victorian Ogee 113mm | 85.65 | 85.65 | 1.24 | 59 |
| | Victorian Ogee 125mm | 93.05 | 93.05 | 1.70 | 80 |
| | Moulded Ogee 100mm | 110.33 | 110.33 | 2.25 | 108 |
| | Moulded Ogee 125mm | 100.44 | 100.44 | 4.51 | 214 |
| | Moulded Ogee 150mm | 166.00 | 166.00 | 5.50 | 263 |
|  | Classic | 41.18 | 54.23 | 4.13 | 196 |
| | Deepflow | 74.55 | 74.55 | 4.40 | 209 |
| | Ogee No. 46 | 90.38 | 90.38 | 7.60 | 361 |
| | Boxer 120x80mm | 59.44 | 59.44 | 4.34 | 206 |
| | Boxer 135x100mm | 83.12 | 83.12 | 7.14 | 340 |
| | Boxer 160x100mm | 83.62 | 83.62 | 7.41 | 352 |
| | Giant | 89.07 | 89.07 | 10.76 | 512 |

Linear Meterage Rates Downpipe

Downpipe system price comparison

Use the table below to estimate the list price per linear metre for each Marley Alutec downpipe system. The estimated list price is based on an average build and takes into account all components including downpipe, sockets, bends and branches. These list prices rates are subject to supplying merchant's discount.

| | Downpipe system | Total system price £ / LM | |
|-------------------------|----------------------|---------------------------|---------------|
| | | Heritage Black | Other colours |
| Evolve | Circular 63mm | 37.07 | 41.73 |
| Tudor | Circular 63mm | 51.24 | 54.09 |
| | Circular 76mm | 57.72 | 63.32 |
| | Circular 102mm | 83.39 | 91.60 |
| Traditional | Square 72x72mm | 95.31 | 95.31 |
| | Square 102x102mm | 116.36 | 116.36 |
| | Rectangular 102x76mm | 100.68 | 100.68 |
| Flush-fit | Circular 63mm | 34.11 | 36.66 |
| | Circular 76mm | 37.21 | 40.35 |
| | Circular 102mm | 61.27 | 63.10 |
| | Square 72x72mm | 60.11 | 63.29 |
| | Square 102x102mm | 74.78 | 75.07 |
| | Rectangular 102x76mm | 88.01 | 88.09 |
| Vandal Resistant | Square 72x72mm | 97.37 | 97.37 |
| | Square 102x102mm | 127.13 | 127.13 |
| | Rectangular 102x76mm | 117.44 | 117.44 |

Linear Meterage Rates Fascia & Soffit

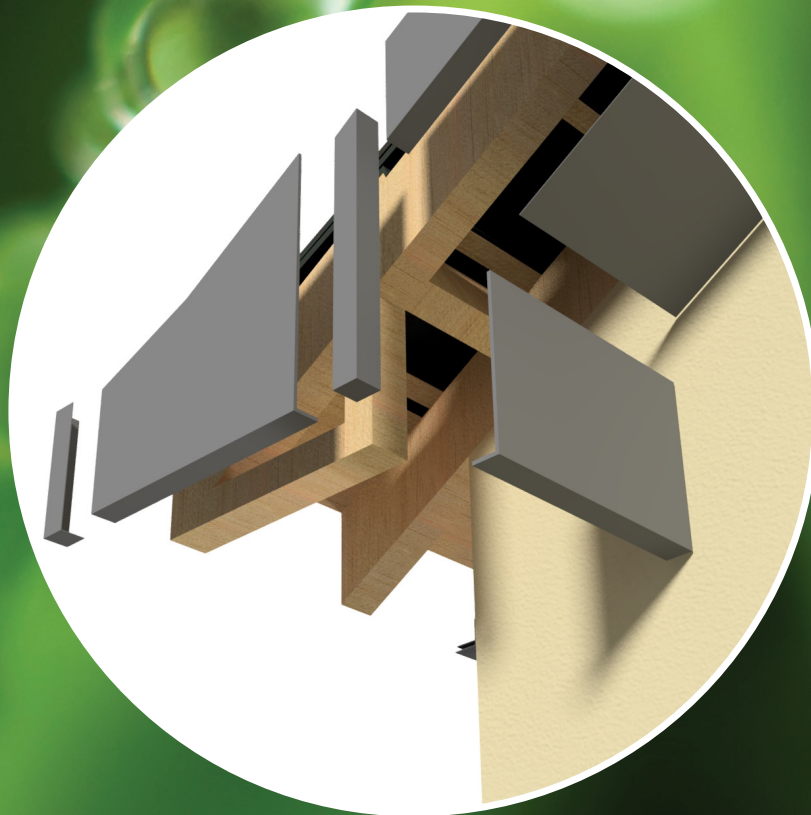
Fascia & Soffit system list price per LM

Use the table below to estimate the list price per linear metre for each size of Evoke Fascia & Soffit system. The estimated list price is based on an average build and takes into account all components including fascia panels and joint trims. These list prices rates are subject to supplying merchant's discount.

| System | Size | Total system list price £ / LM |
|-----------------|-------|-----------------------------------|
| Fascia Type A | 120mm | 28.43 |
| | 165mm | 33.40 |
| | 200mm | 37.05 |
| | 250mm | 43.83 |
| | 325mm | 51.14 |
| | 450mm | 66.62 |
| Fascia Type B | 150mm | 31.49 |
| | 175mm | 34.16 |
| | 210mm | 37.23 |
| | 260mm | 43.19 |
| | 335mm | 50.09 |
| | 460mm | 64.96 |
| Fascia Type C | 150mm | 35.20 |
| | 185mm | 39.79 |
| | 235mm | 45.03 |
| | 310mm | 53.38 |
| | 435mm | 68.38 |
| Soffit Unvented | 100mm | 14.73 |
| | 180mm | 22.28 |
| | 240mm | 29.55 |
| | 365mm | 41.52 |
| | 490mm | 57.27 |
| | 740mm | 76.53 |
| Soffit Vented | 100mm | 19.88 |
| | 180mm | 28.71 |
| | 240mm | 35.41 |
| | 365mm | 47.96 |
| | 490mm | 65.57 |
| | 740mm | 87.68 |



INSTALLATION GUIDES





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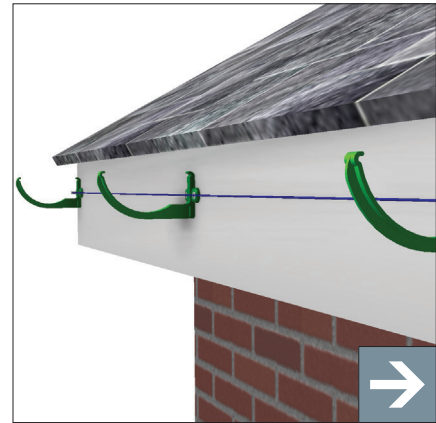
Evolve Half Round 63mm ø Downpipe System Installation



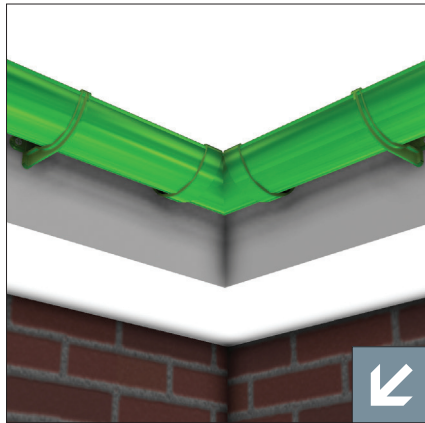
1. Set gutter height by laying a straight batten on the lowest profile of the roof. Place the fascia bracket under the batten so that they are touching and mark the screw holes.



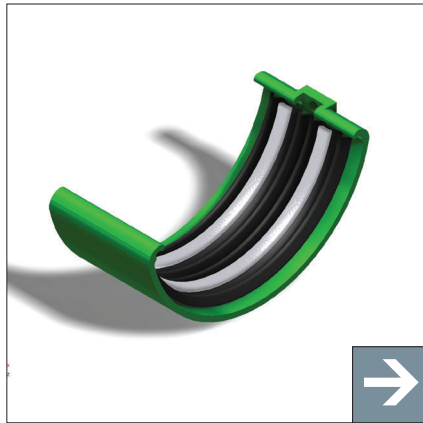
2. Fix fascia brackets with Marley Alutec No. 10 x 32mm roundhead screws, code SC201 or Marley Alutec No. 10 x 15mm countersunk screw, code SC203 if fixing to Marley Alutec aluminium composite fascia. Drilling pilot holes first is recommended.



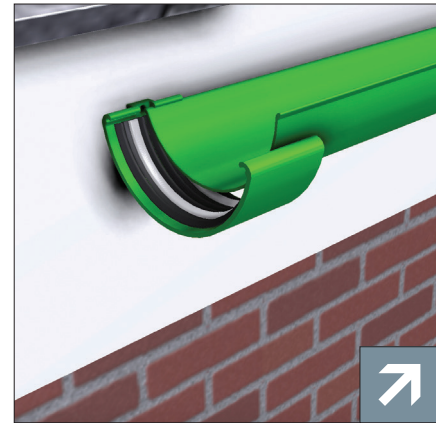
3. Fix fascia brackets at 1 metre centres. For best flow rate fix to a fall of 1:600 or alternatively nominally level.



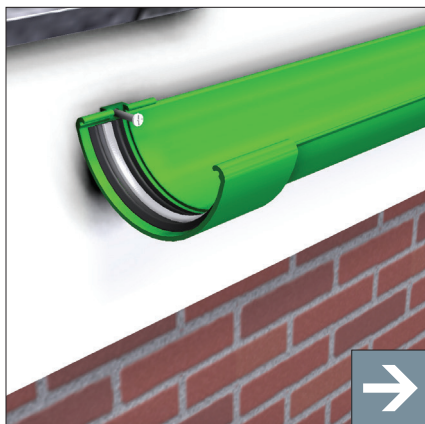
4. Support all corner angles by fixing fascia brackets a maximum of 150mm from each side.



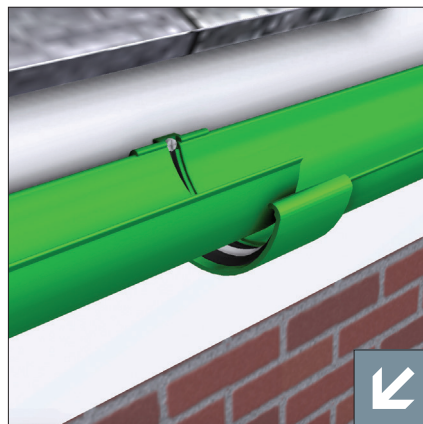
5. Prior to assembling gutter joints, apply sealant to the central grooves to both sides of the ribbed rubber gasket. Use only Marley Alutec sealant, code SC101.



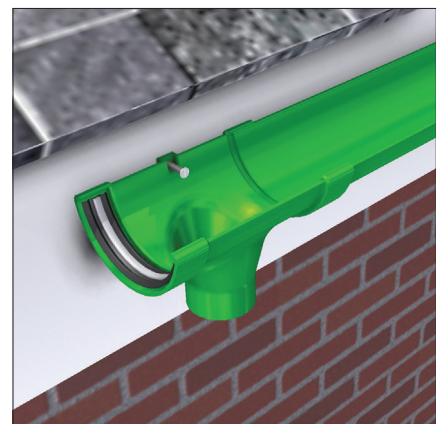
6. Place the gutter into the fascia brackets without clipping the front down. Position the union onto the rear of the gutter then snap the gutter fully into the fascia brackets. Finally apply upward pressure to the union clip from the bottom, whilst pulling the front gutter edge into the union clip.



7. Anchor joint union to fascia board using Marley Alutec No. 10 x 32mm roundhead screws SC201 or Marley Alutec No. 10 x 15mm countersunk screw, code SC203 if fixing to Marley Alutec aluminium composite fascia. Drilling a pilot hole first is recommended.

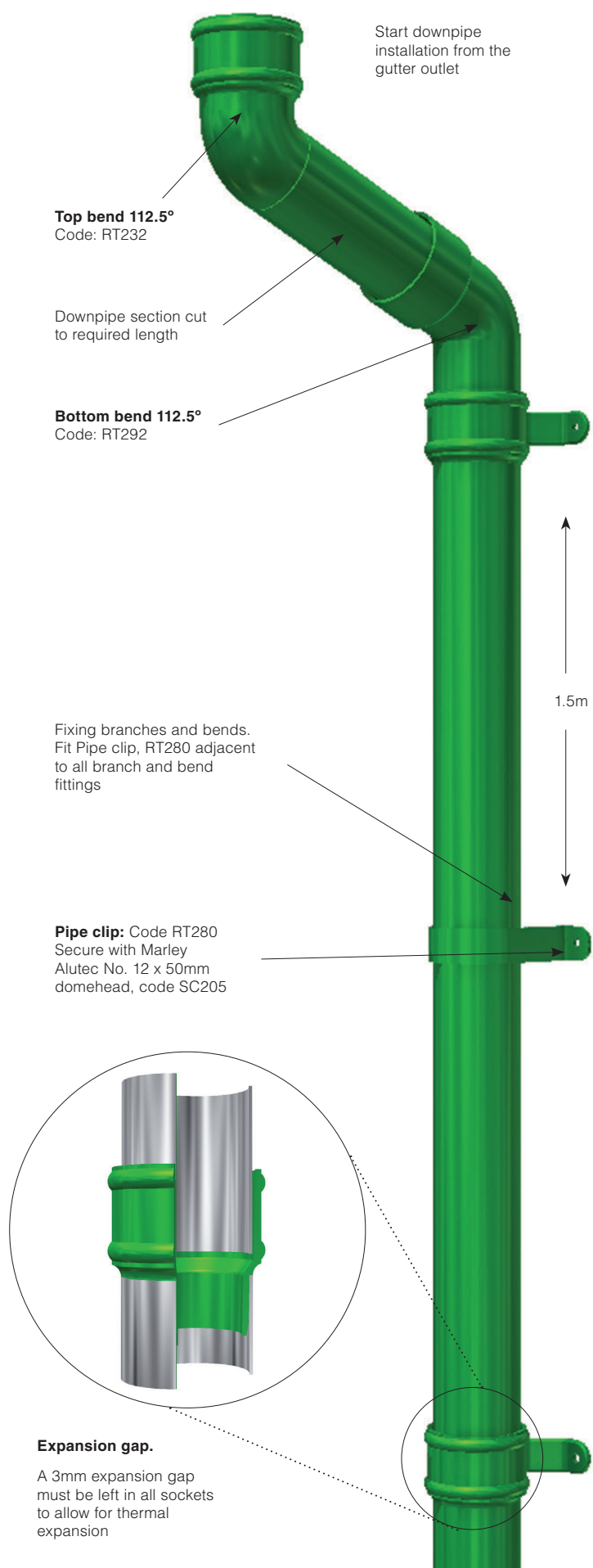


8. Repeat stages 5 & 6 and joint the gutter length to the one previously fixed. Ensure a 3mm expansion gap is left between the gutter ends.



9. Anchor outlets to fascia board using Marley Alutec No. 10 x 32mm roundhead screws SC201 or Marley Alutec No. 10 x 15mm countersunk screw, code SC203 if fixing to Marley Alutec aluminium composite fascia. Drilling a pilot hole first is recommended.

Evolve Half Round 63mm ø Downpipe System Installation



Preparation

Fascia boards should be in good condition, level and in linear alignment (straight). If required, packing shim plates should be fixed behind gutter brackets to achieve good alignment. The fascia should be capable of supporting the gutter when full of water, ice or snow. Where gutter is fixed to PVC-ue cellular fascia board, it is recommended that a timber support framework is installed behind the fascia to provide a straight and secure fixing surface.

Use standard metal work tools to cut or drill aluminium gutters. Angle grinders are not recommended. Where gutter or fittings are polyester powder coated, cut edges should be deburred and repainted with touch up paint, SC880.

Gutter position

Gutters must be installed level or to a fall of 1:600. The gutter should not be positioned at a level which causes rainfall to overshoot the gutter, i.e. too low, or where it is damaged by the high velocity impact of sliding snow, i.e. too high.

Snowloading

Heavy snowfall coupled with highly insulated roofs is causing accumulation of snow on roofs. A sudden thaw will then cause the snow to slide down the roof and rest against the gutters if they are fixed too high. Greater care must be taken to make sure the gutters will not impede sliding snow. However, for the ultimate protection, snow guards must be installed.

Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Joint surfaces must be perfectly clean and dry. Use a clean cloth and solvent cleaner SC108 to remove all traces of dirt or grease, which may not be visible.

Ensure that the gutter joint sockets/spigots are correctly aligned with each other to ensure free thermal movement within the gutter joint. Only Marley Alutec high performance low modulus sealant SC101 must be used. Use of other sealants may result in early joint failure. Sealant over nine months old must not be used.

Fixing

To ensure the long term durability of aluminium gutter systems, it is vitally important to ensure that the fixing components are equally durable and capable of providing the necessary support. They must therefore be non corrosive, of a compatible material to ensure no electrolytic corrosion occurs and of the appropriate size. Only the recommended austenitic stainless steel screws must be used to fix gutters, whether direct, fascia or rafter bracket fixed.

If fixing to fascia boards made of materials other than wood or Marley Alutec aluminium composites, please call the Marley Alutec Technical Services Department.

Testing

On completion of an installation, blank off all gutter outlets. Fill gutter to overflow level and leave for 5 minutes, then check for leakage. Discharging the flood test water into rainwater pipes will identify any leaks in rainwater pipe joints. Any joints that fail should be taken apart, all sealant cleaned off, then re-sealed and re-tested.

Fixing gutters to rafters

For top or side rafter fixings, use traditional one piece rafter brackets available for all sizes and profiles of gutters, or alternatively the adjustable rafter brackets; side (AC78) or (AC77) top and fix the standard fascia gutter brackets with the bolts provided.

Traditional top & side rafter arm brackets are supplied to a 45° roof pitch and if required should be site bent to the required roof pitch prior to fixing.

Bracket centres will be dictated by the rafters, which should not exceed 1m. Internal/external gutter corner angles and outlets should be independently supported. It is recommended that a timber bridge between adjacent rafters should be provided to which a rafter bracket can be fixed to fully support the outlet or angle.

Rise & fall drive in brackets

Fix directly into the brickwork/masonry by drilling out an opening in the mortar, inserting a hardwood or plastic spacer, then hammering the spike into the opening. Care should be taken to ensure that the vertical threaded rods are all in line to achieve the correct line of gutter. Bracket centres should not exceed 1m, with additional brackets either side of each outlet and corner angle. Reduce bracket centres in locations where heavy snow loading is anticipated.

General Guidance

Preparation

Fascia boards should be in good condition, level and in linear alignment (straight). If required, packing shim plates should be fixed behind gutter brackets to achieve good alignment. The fascia should be capable of supporting the gutter when full of water, ice or snow. Where gutter is fixed to PVC-ue cellular fascia board, it is recommended that a timber support framework is installed behind the fascia to provide a straight and secure fixing surface.

Use standard metal work tools to cut or drill aluminium gutters. Angle grinders are not recommended. Where gutter or fittings are polyester powder coated, cut edges should be deburred and repainted with touch up paint, SC880.

Gutter position

Gutters must be installed level or to a fall of 1:600. The gutter should not be positioned at a level which causes rainfall to overshoot the gutter, i.e. too low, or where it is damaged by the high velocity impact of sliding snow, i.e. too high.

Snowloading

Heavy snowfall coupled with highly insulated roofs is causing accumulation of snow on roofs. A sudden thaw will then cause the snow to slide down the roof and rest against the gutters if they are fixed too high. Greater care must be taken to make sure the gutters will not impede sliding snow. However, for the ultimate protection, snow guards must be installed.

Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Joint surfaces must be perfectly clean and dry. Use a clean cloth and solvent cleaner SC108 to remove all traces of dirt or grease, which may not be visible.

Ensure that the gutter joint sockets/spigots are correctly aligned with each other to ensure free thermal movement within the gutter joint.

Only Alutec high performance low modulus sealant SC101 must be used. Use of other sealants may result in early joint failure. Sealant over nine months old must not be used.

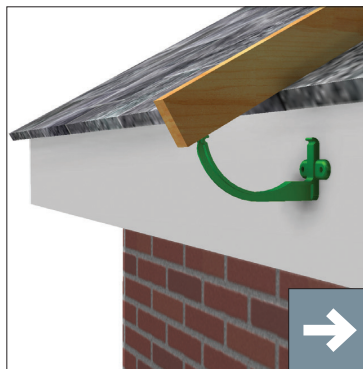
Fixing

To ensure the long term durability of aluminium gutter systems, it is vitally important to ensure that the fixing components are equally durable and capable of providing the necessary support. They must therefore be non corrosive, of a compatible material to ensure no electrolytic corrosion occurs and of the appropriate size. Only the recommended austenitic stainless steel screws must be used to fix gutters, whether direct, fascia or rafter bracket fixed.

If fixing to fascia boards made of materials other than wood or Alutec aluminium composites, please call the Alutec Technical Services Department.

Testing

On completion of an installation, blank off all gutter outlets. Fill gutter to overflow level and leave for 5 minutes, then check for leakage. Discharging the flood test water into rainwater pipes will identify any leaks in rainwater pipe joints. Any joints that fail should be taken apart, all sealant cleaned off, then re-sealed and re-tested.

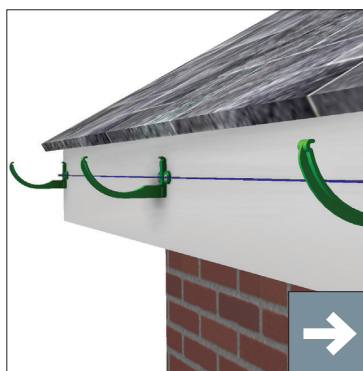


1. Set gutter height by laying a straight batten on the lowest profile of the roof.

Place the fascia bracket under the batten so that they are touching and mark the screw holes.

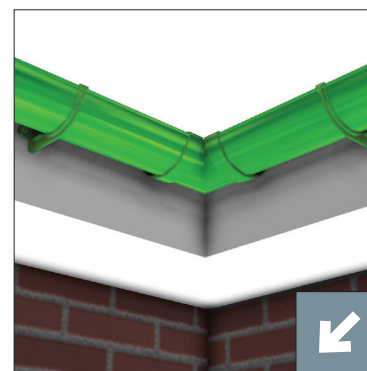


2. Fix fascia brackets with Alutec 32mm x No. 10 roundhead screws, code SC201 or Alutec 15mm x No. 10 countersunk screw, code SC203 if fixing to Alutec aluminium composite fascia. Drilling pilot holes first is recommended.

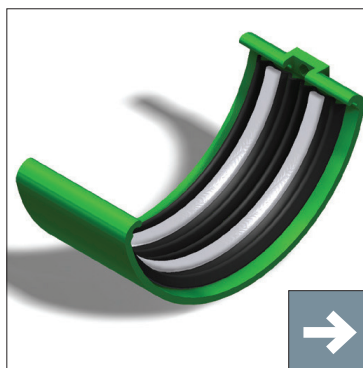


3. Fix fascia brackets at 1 metre centres.

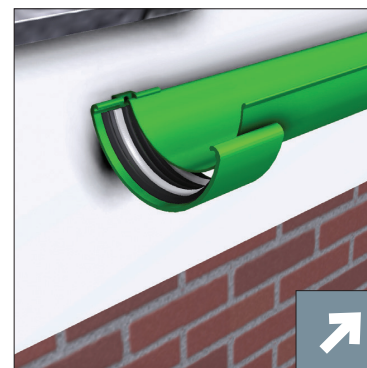
For best flow rate fix to a fall of 1:600 or alternatively nominally level.



4. Support all corner angles by fixing fascia brackets a maximum of 150mm from each side.



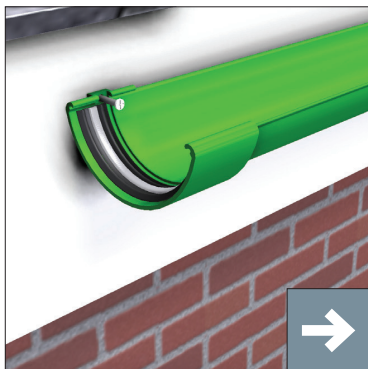
5. Prior to assembling gutter joints, apply sealant to the central grooves to both sides of the ribbed rubber gasket. Use only Alutec sealant, code SC101.



6. Place the gutter into the fascia brackets without clipping the front down. Position the union onto the rear of the gutter then snap the gutter fully into the fascia brackets.

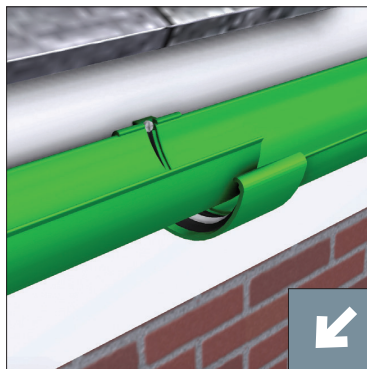
Finally apply upward pressure to the union clip from the bottom, whilst pulling the front gutter edge into the union clip.

Evolve Deepflow Gutters Installation Guide



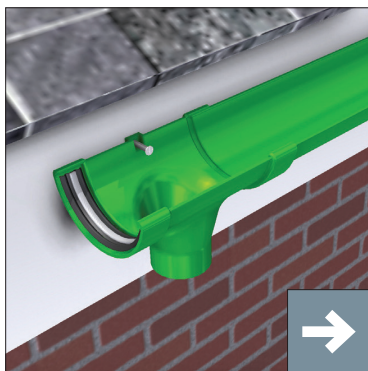
7. Anchor joint union to fascia board using Alutec 32mm x No. 10 roundhead screws SC201 or Alutec 15mm x No. 10 countersunk screw, code SC203 if fixing to Alutec aluminium composite fascia.

Drilling a pilot hole first is recommended.



8. Repeat stages 5 & 6 and joint the gutter length to the one previously fixed.

Ensure a 3mm expansion gap is left between the gutter ends.



9. Anchor outlets to fascia board using Alutec 32mm x No. 10 roundhead screws SC201 or Alutec 15mm x No. 10 countersunk screw, code SC203 if fixing to Alutec aluminium composite fascia. Drilling a pilot hole first is recommended.

Fixing gutters to rafters

For top or side rafter fixings, use traditional one piece rafter brackets available for all sizes and profiles of gutters.

Traditional top & side rafter arm brackets are supplied to a 45° roof pitch and if required should be site bent to the required roof pitch prior to fixing.

Bracket centres will be dictated by the rafters, which should not exceed 1m. Internal/external gutter corner angles and outlets should be independently supported. It is recommended that a timber bridge between adjacent rafters should be provided to which a rafter bracket can be fixed to fully support the outlet or angle.

Rise & fall drive in brackets

Fix directly into the brickwork/masonry by drilling out an opening in the mortar, inserting a hardwood or plastic spacer, then hammering the spike into the opening. Care should be taken to ensure that the vertical threaded rods are all in line to achieve the correct line of gutter. Bracket

centres should not exceed 1m, with additional brackets either side of each outlet and corner angle. Reduce bracket centres in locations where heavy snow loading is anticipated.

General Guidance

Preparation

Fascia boards should be in good condition, level and in linear alignment (straight). If required, packing shim plates should be fixed behind gutter brackets to achieve good alignment. The fascia should be capable of supporting the gutter when full of water, ice or snow. Where gutter is fixed to PVC-ue cellular fascia board, it is recommended that a timber support framework is installed behind the fascia to provide a straight and secure fixing surface.

Use standard metal work tools to cut or drill aluminium gutters. Angle grinders are not recommended. Where gutter or fittings are polyester powder coated, cut edges should be deburred and repainted with touch up paint, SC880.

Gutter position

Gutters must be installed level or to a fall of 1:600. The gutter should not be positioned at a level which causes rainfall to overshoot the gutter, i.e. too low, or where it is damaged by the high velocity impact of sliding snow, i.e. too high.

Snowloading

Heavy snowfall coupled with highly insulated roofs is causing accumulation of snow on roofs. A sudden thaw will then cause the snow to slide down the roof and rest against the gutters if they are fixed too high. Greater care must be taken to make sure the gutters will not impede sliding snow. However, for the ultimate protection, snow guards must be installed.

Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Joint surfaces must be perfectly clean and dry. Use a clean cloth and solvent cleaner SC108 to remove all traces of dirt or grease, which may not be visible.

Ensure that the gutter joint sockets/spigots are correctly aligned with each other to ensure free thermal movement within the gutter joint.

Only Alutec high performance low modulus sealant SC101 must be used. Use of other sealants may result in early joint failure. Sealant over nine months old must not be used.

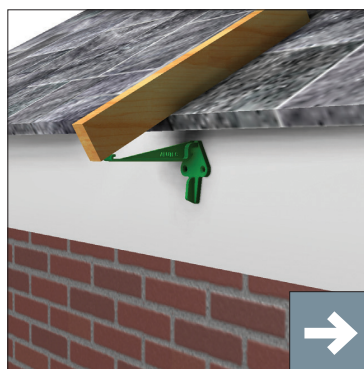
Fixing

To ensure the long term durability of aluminium gutter systems, it is vitally important to ensure that the fixing components are equally durable and capable of providing the necessary support. They must therefore be non corrosive, of a compatible material to ensure no electrolytic corrosion occurs and of the appropriate size. Only the recommended austenitic stainless steel screws must be used to fix gutters, whether direct, fascia or rafter bracket fixed.

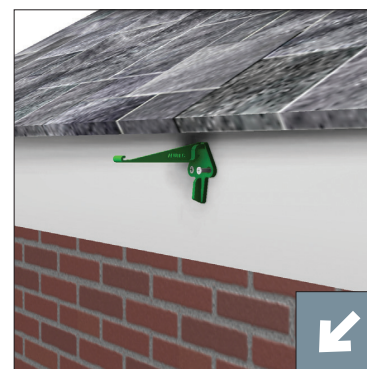
If fixing to fascia boards made of materials other than wood or Alutec aluminium composites, please call the Alutec Technical Services Department.

Testing

On completion of an installation, blank off all gutter outlets. Fill gutter to overflow level and leave for 5 minutes, then check for leakage. Discharging the flood test water into rainwater pipes will identify any leaks in rainwater pipe joints. Any joints that fail should be taken apart, all sealant cleaned off, then re-sealed and re-tested.



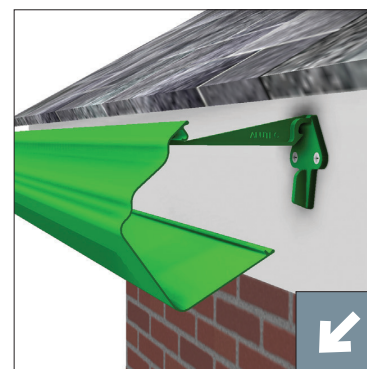
1. Set gutter height by laying a straight batten on the lowest profile of the roof. Place the fascia bracket under the batten so that they are touching and mark the screw holes.



2. Fix fascia brackets with Alutec 32mm x No. 10 roundhead screws, code SC201 or Alutec 15mm x No. 10 countersunk screw, code SC203 if fixing to Alutec aluminium composite fascia. Drilling pilot holes first is recommended.



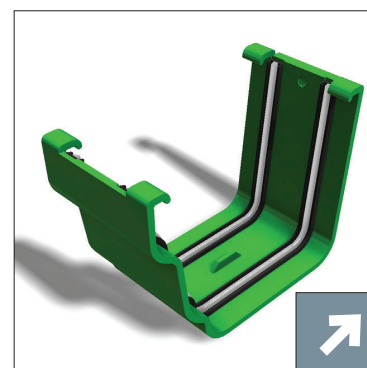
3. Fix fascia brackets at 1 metre centres. For best flow rate fix to a fall of 1:600 or alternatively nominally level.



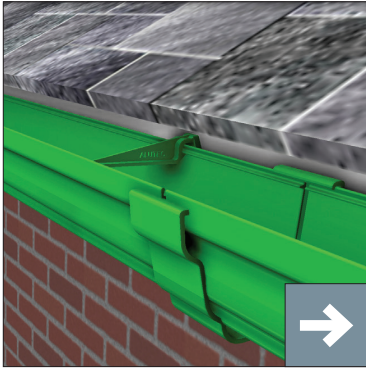
4. Hook the front edge of the gutter into the front of the fascia brackets.



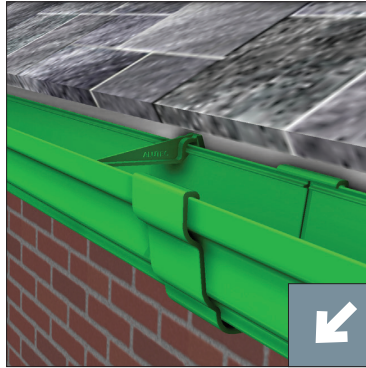
5. Swing the rear of the gutter upwards and engage into the fascia brackets.



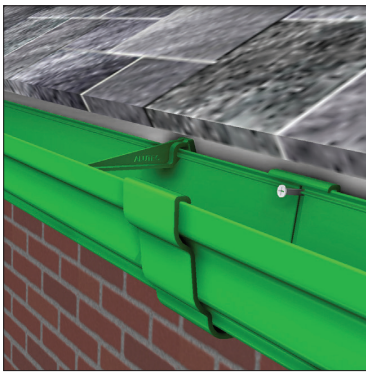
6. Prior to assembling gutter joints, apply sealant to the central grooves. Use only Alutec sealant, code SC101.



7. Push the union from below upwards over the gutter, clipping over the rear first, followed by the front of the gutter. Follow the same fitting process for outlets, angles and stop-ends.



8. Repeat stages 5 & 6 and joint the gutter length to the one previously fixed. Ensure a 3mm expansion gap is left between the gutter ends.



9. Anchor all fittings to fascia board using Alutec 32mm x No. 10 roundhead screws, code SC201 or Alutec 15mm x No. 10 countersunk screw, code SC203 if fixing to Alutec aluminium composite fascia.

Drilling a pilot hole first is recommended.

General Guidance

Preparation

Fascia boards should be in good condition, level and in linear alignment (straight). If required, packing shim plates should be fixed behind gutter brackets to achieve good alignment. The fascia should be capable of supporting the gutter when full of water, ice or snow. Where gutter is fixed to PVC-ue cellular fascia board, it is recommended that a timber support framework is installed behind the fascia to provide a straight and secure fixing surface.

Use standard metal work tools to cut or drill aluminium gutters. Angle grinders are not recommended. Where gutter or fittings are polyester powder coated, cut edges should be deburred and repainted with touch up paint, SC880.

Gutter position

Gutters must be installed level or to a fall of 1:600. The gutter should not be positioned at a level which causes rainfall to overshoot the gutter, i.e. too low, or where it is damaged by the high velocity impact of sliding snow, i.e. too high.

Snowloading

Heavy snowfall coupled with highly insulated roofs is causing accumulation of snow on roofs. A sudden thaw will then cause the snow to slide down the roof and rest against the gutters if they are fixed too high. Greater care must be taken to make sure the gutters will not impede sliding snow. However, for the ultimate protection, snow guards must be installed.

Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Joint surfaces must be perfectly clean and dry. Use a clean cloth and solvent cleaner SC108 to remove all traces of dirt or grease, which may not be visible.

Ensure that the gutter joint sockets/spigots are correctly aligned with each other to ensure free thermal movement within the gutter joint.

Only Alutec high performance low modulus sealant SC101 must be used. Use of other sealants may result in early joint failure. Sealant over nine months old must not be used.

Fixing

To ensure the long term durability of aluminium gutter systems, it is vitally important to ensure that the fixing components are equally durable and capable of providing the necessary support.

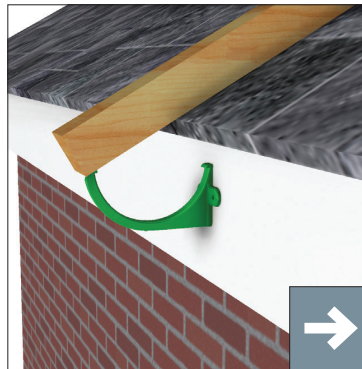
They must therefore be non corrosive, of a compatible material to ensure no electrolytic corrosion occurs and of the appropriate size.

Only the recommended austenitic stainless steel screws must be used to fix gutters, whether direct, fascia or rafter bracket fixed.

If fixing to fascia boards made of materials other than wood or Alutec aluminium composites, please call the Alutec Technical Services Department.

Testing

On completion of an installation, blank off all gutter outlets. Fill gutter to overflow level and leave for 5 minutes, then check for leakage. Discharging the flood test water into rainwater pipes will identify any leaks in rainwater pipe joints. Any joints that fail should be taken apart, all sealant cleaned off, then re-sealed and re-tested.



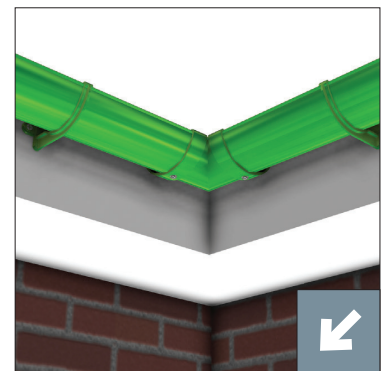
1. Set gutter height by laying a straight batten on the lowest profile of the roof. Place the fascia bracket under the batten so that they are touching and mark the screw holes.



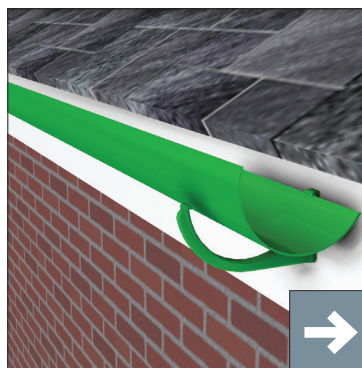
2. Fix fascia brackets with Alutec 32mm x No. 10 roundhead screws, code SC201 or Alutec 15mm x No. 10 countersunk screw, code SC203 if fixing to Alutec aluminium composite fascia. Drilling pilot holes first is recommended.



3. Fix fascia brackets at 915mm centres.
For best flow rate, fix to a fall of 1:600 or alternatively nominally level.



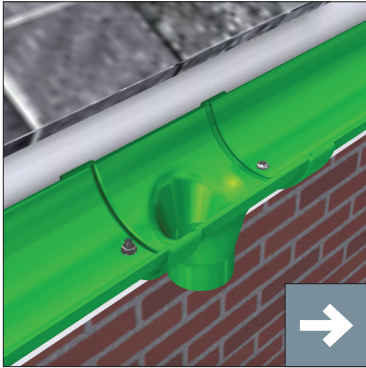
4. Support all corner angles and outlets by fixing fascia brackets a maximum of 150mm from each side.



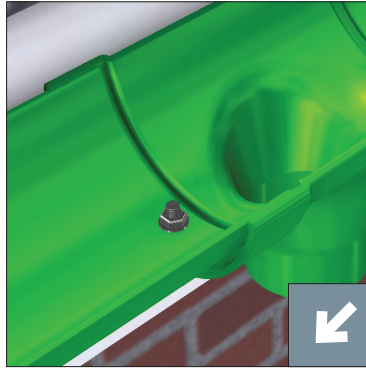
5. Place gutters into the fascia brackets and press down to engage into fascia brackets. Do not slide the gutter into the fascia brackets, as this may result in the gutter surface being marked.



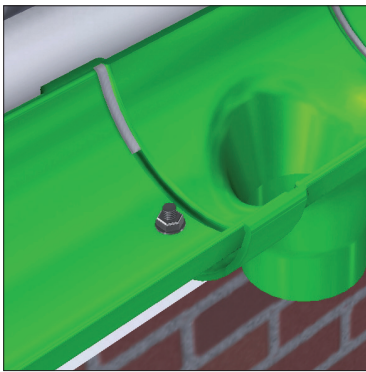
6. Clean all joint surfaces using a clean cloth and Alutec solvent cleaner, code SC108. Ensure all surfaces are dry and then apply two 8mm parallel beads of Alutec sealant, code SC101 to the gutter socket and around the bolt hole.



7. Nuts and washers can be located inside or outside the gutter. Bolt heads outside the gutter will appear neater, but the internally projecting thread will have a minor effect on flow rate performance. Both options are illustrated.



8. Finger tighten nut and bolt only, pull the joint apart sideways to ensure a minimum 3mm expansion gap is achieved. Then tighten one full turn only, with a spanner or screwdriver.



9. Point sealant onto joint gap, adding additional Alutec sealant, code SC101 if required. Clean off any excess with Alutec solvent cleaner, code SC108.

Fixing gutters to rafters

For top or side rafter fixings, use traditional one piece rafter brackets available for all sizes and profiles of gutters, or alternatively the adjustable rafter brackets; side (AC78) or (AC77) top and fix the standard fascia gutter brackets with the bolts provided.

Bracket centres will be dictated by the rafters which should not exceed 915mm. Internal/external gutter corner angles and outlets should be independently supported. It is recommended that a timber bridge between adjacent rafters should be provided to which a rafter bracket can be fixed to fully support the outlet or angle.

Rise & fall drive in brackets

Fix directly into the brickwork/masonry by drilling out an opening in the mortar, inserting a hardwood or plastic spacer, then hammering the spike into the opening. Care should be taken to ensure that the vertical threaded rods are all in line to achieve the correct line of gutter. Bracket centres should not exceed 915mm, with additional brackets either side of each outlet and corner angle. Reduce bracket centres in locations where heavy snow loading is anticipated.

Direct fixing

Victorian Ogee. Screw to fascia through slots provided to the rear of the gutter, with screws, SC201 and backing washers, SC521.

Moulded Ogee. Screw to fascia through slots provided to the rear of the gutter, with direct fix spacer brackets, GM581, using screws, SC201 and backing washers, SC521.

General Guidance

Preparation

Fascia boards should be in good condition, level and in linear alignment (straight). If required, packing shim plates should be fixed behind gutter brackets to achieve good alignment.

The fascia should be capable of supporting the gutter when full of water, ice or snow.

Where gutter is fixed to PVC-ue cellular fascia board, it is recommended that a timber support framework is installed behind the fascia to provide a straight and secure fixing surface.

Use standard metal work tools to cut or drill aluminium gutters. Angle grinders are not recommended. Where gutter or fittings are polyester powder coated, cut edges should be deburred and repainted with touch up paint, SC880.

Gutter position

Gutters must be installed level or to a fall of 1:600. The gutter should not be positioned at a level which causes rainfall to overshoot the gutter, i.e. too low, or where it is damaged by the high velocity impact of sliding snow, i.e. too high.

Snowloading

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Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Joint surfaces must be perfectly clean and dry. Use a clean cloth and solvent cleaner SC108 to remove all traces of dirt or grease, which may not be visible.

Ensure that the gutter joint sockets/spigots are correctly aligned with each other to ensure free thermal movement within the gutter joint.

Only Alutec high performance low modulus sealant SC101 must be used. Use of other sealants may result in early joint failure. Sealant over nine months old must not be used.

Fixing

To ensure the long term durability of aluminium gutter systems, it is vitally important to ensure that the fixing components are equally durable and capable of providing the necessary support.

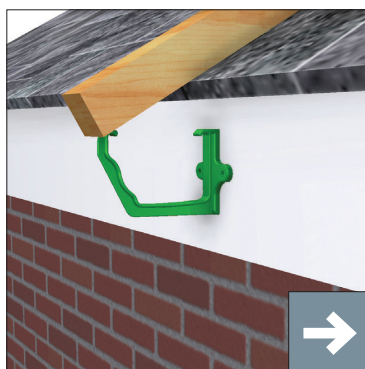
They must therefore be non corrosive, of a compatible material to ensure no electrolytic corrosion occurs and of the appropriate size.

Only the recommended austenitic stainless steel screws must be used to fix gutters, whether direct, fascia or rafter bracket fixed.

If fixing to fascia boards made of materials other than wood or Alutec aluminium composites, please call the Alutec Technical Services Department.

Testing

On completion of an installation, blank off all gutter outlets. Fill gutter to overflow level and leave for 5 minutes, then check for leakage. Discharging the flood test water into rainwater pipes will identify any leaks in rainwater pipe joints. Any joints that fail should be taken apart, all sealant cleaned off, then re-sealed and re-tested.

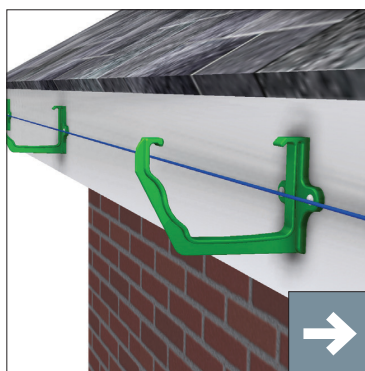


1. Set gutter height by laying a straight batten on the lowest profile of the roof.

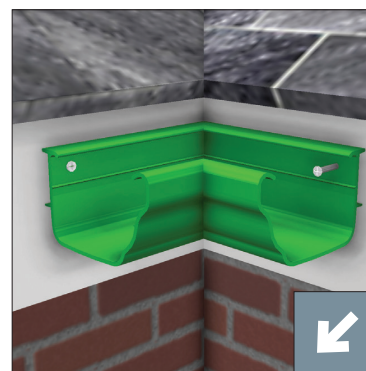
Place the fascia bracket under the batten so that they are touching and mark the screw holes.



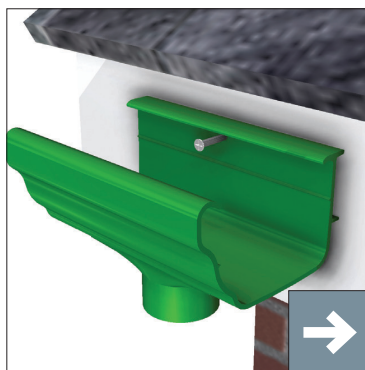
2. Fix fascia brackets with Alutec 32mm x No. 10 roundhead screws, code SC201 or Alutec 15mm x No. 10 countersunk screw, code SC203 if fixing to Alutec aluminium composite fascia. Drilling pilot holes first is recommended.



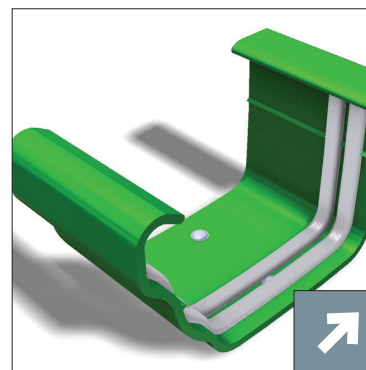
3. Fix fascia brackets at 1m centres. For best flow rate, fix to a fall of 1:600 or alternatively nominally level.



4. Fix all gutter angles with 2 no. Alutec 32mm x No. 10 countersunk screw, code SC202 or Alutec 15mm x No. 10 countersunk screw, code SC203 if fixing to Alutec aluminium composite fascia.

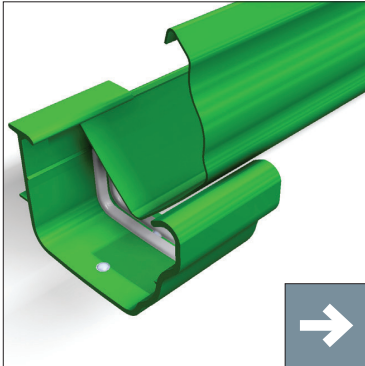


5. Position outlets and fix using Alutec 32mm x No. 10 countersunk screw, code SC202 or Alutec 15mm x No. 10 countersunk screw, code SC203 if fixing to Alutec aluminium composite fascia.

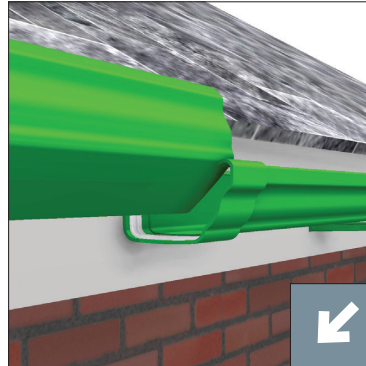


6. Ensure the factory fitted rubber compression spacers are attached to the inside of the union. Clean all joint surfaces using a clean cloth and Alutec solvent cleaner, code SC108. Ensure all surfaces are dry and then apply two 8mm parallel beads of Alutec sealant, code SC101 to each side of the union.

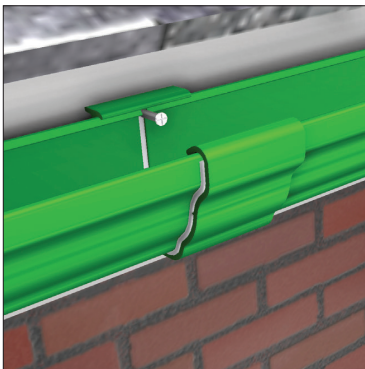
Aligator® Classic Gutter and Downpipe Installation Guide



7. Fit union to end of gutter as illustrated.



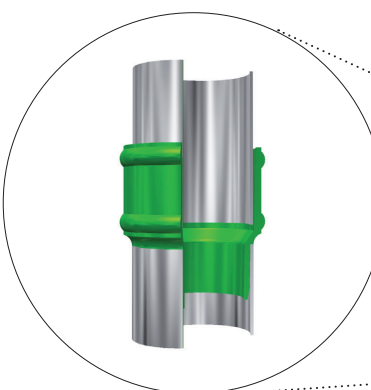
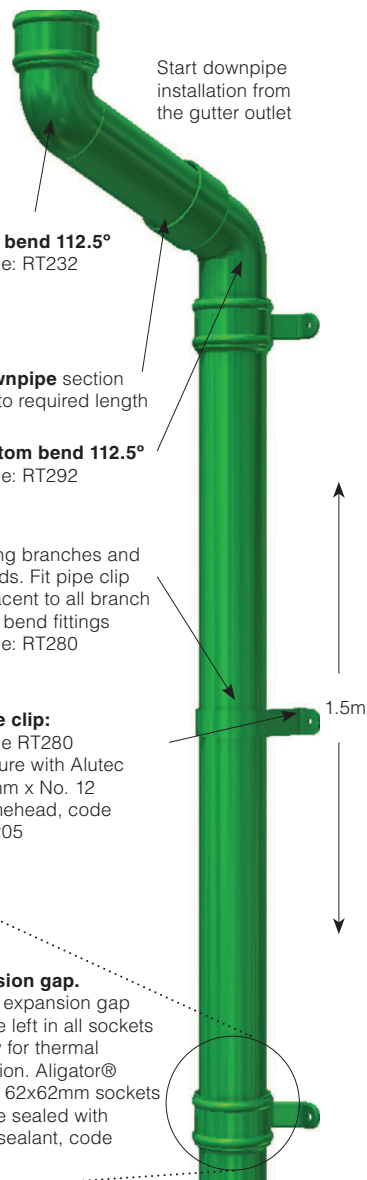
8. Fit gutter into fascia brackets by inserting the rear upstand, then snapping down the front. Repeat steps 6, 7 & 8.



9. Anchor union to fascia board using Alutec 32mm x No. 10 screw, code SC202 or Alutec 15mm x No. 10 countersunk screw, code SC203 if fixing to Alutec aluminium composite fascia. Ensure a 3-4mm expansion gap is left.

Point excess sealant well into the joint edges adding additional sealant if required. Clean off surplus with Alutec solvent cleaner, code SC108.

Installation of Aligator® 63mm Ø and 62x62mm downpipe



Expansion gap.
A 3mm expansion gap must be left in all sockets to allow for thermal expansion. Aligator® Classic 62x62mm sockets must be sealed with Alutec sealant, code SC101.

Fixing gutters to rafters

For top or side rafter fixing, use the universal adjustable rafter brackets; side (AC78) or (AC77) top and fix the standard fascia gutter brackets with the bolts provided.

Bracket centres will be dictated by the rafter which should not exceed 750mm. Internal/external gutter corner angles and outlets should be independently supported. It is recommended that a timber bridge between adjacent rafters should be provided to which a rafter bracket can be fixed to fully support the outlet or angle.

General Guidance

Preparation

Fascia boards should be in good condition, level and in linear alignment (straight). If required, packing shim plates should be fixed behind gutter brackets to achieve good alignment.

The fascia should be capable of supporting the gutter when full of water, ice or snow. Where gutter is fixed to PVC-ue cellular fascia board, it is recommended that a timber support framework is installed behind the fascia to provide a straight and secure fixing surface.

Use standard metal work tools to cut or drill aluminium gutters. Angle grinders are not recommended. Where gutter or fittings are polyester powder coated, cut edges should be deburred and repainted with touch up paint, SC880.

Gutter position

Gutters must be installed level or to a fall of 1:600. The gutter should not be positioned at a level which causes rainfall to overshoot the gutter, i.e. too low, or where it is damaged by the high velocity impact of sliding snow, i.e. too high.

Snowloading

Heavy snowfall coupled with highly insulated roofs is causing accumulation of snow on roofs. A sudden thaw will then cause the snow to slide down the roof and rest against the gutters if they are fixed too high. Greater care must be taken to make sure the gutters will not impede sliding snow. However, for the ultimate protection, snow guards must be installed.

Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Joint surfaces must be perfectly clean and dry. Use a clean cloth and solvent cleaner SC108 to remove all traces of dirt or grease, which may not be visible.

Ensure that the gutter joint sockets/spigots are correctly aligned with each other to ensure free thermal movement within the gutter joint.

Only Alutec high performance low modulus sealant SC101 must be used. Use of other sealants may result in early joint failure. Sealant over nine months old must not be used.

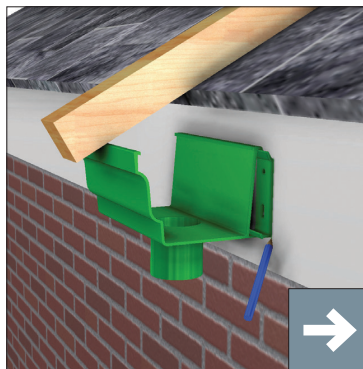
Fixing

To ensure the long term durability of aluminium gutter systems, it is vitally important to ensure that the fixing components are equally durable and capable of providing the necessary support. They must therefore be non corrosive, of a compatible material to ensure no electrolytic corrosion occurs and of the appropriate size.

Only the recommended austenitic stainless steel screws must be used to fix gutters, whether direct, fascia or rafter bracket fixed. If fixing to fascia boards made of materials other than wood or Alutec aluminium composites, please call the Alutec Technical Services Department.

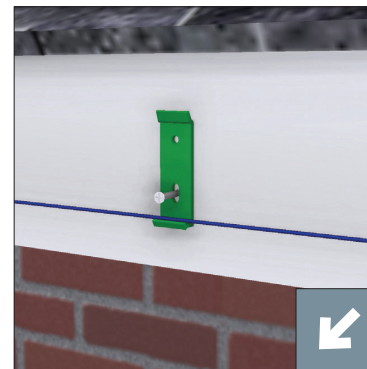
Testing

On completion of an installation, blank off all gutter outlets. Fill gutter to overflow level and leave for 5 minutes, then check for leakage. Discharging the flood test water into rainwater pipes will identify any leaks in rainwater pipe joints. Any joints that fail should be taken apart, all sealant cleaned off, then re-sealed and re-tested.



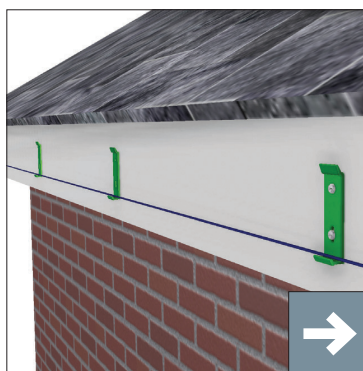
1. Set gutter height by laying a straight batten on the lowest profile of the roof.

Place the gutter outlet under the batten so that they are touching and mark the screw holes.



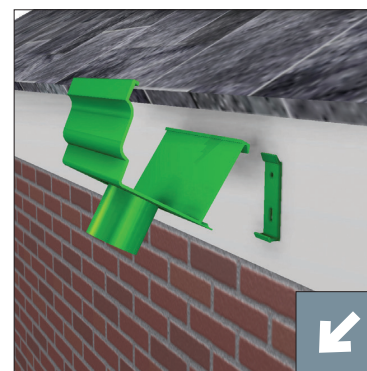
2. Fix fascia brackets with Alutec 32mm x No. 10 roundhead screws, code SC201 or Alutec 15mm x No. 10 countersunk screw, code SC203 if fixing to Alutec aluminium composite fascia. Insert screw into lower slot and adjust to the string line.

Drilling pilot holes first is recommended.



3. Fix fascia brackets at 750mm centres.

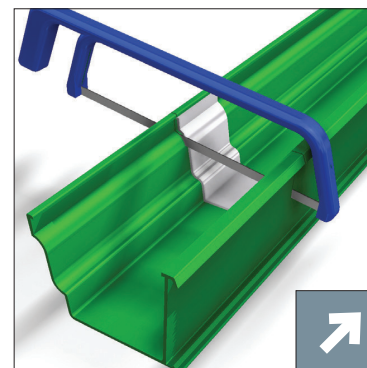
For best flow rate, fix to a fall of 1:600 or alternatively nominally level.



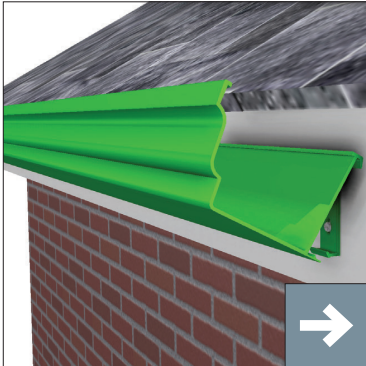
4. Fix an additional fascia bracket centrally to one side of each angle and centrally to each outlet.



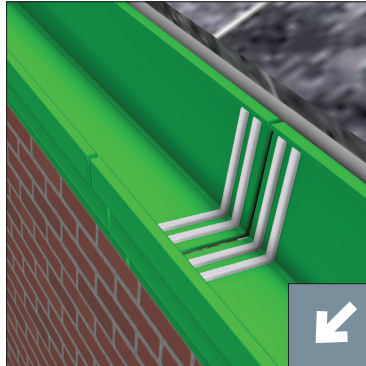
5. Check fascia board alignment; if required, shim out brackets using appropriate shim plates. Deepflow: SC380, Ogee No. 46, Boxer 135x100mm and Boxer 160x100mm: SC381, Boxer 120x80mm: SC382.



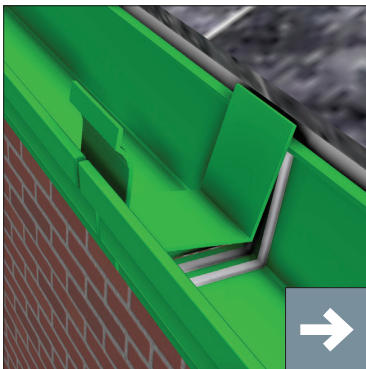
6. To achieve a neat cut through the gutter, place a union into the gutter and use as a cutting guide.



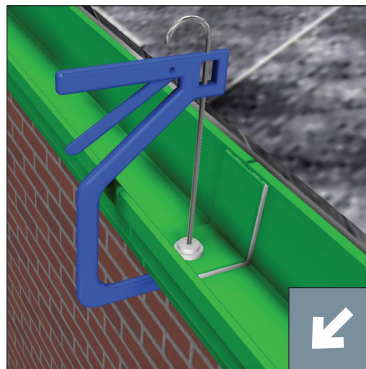
7. Hook the rear of the gutter over the top of the fascia brackets and then swing down to secure into the base of the fascia brackets.



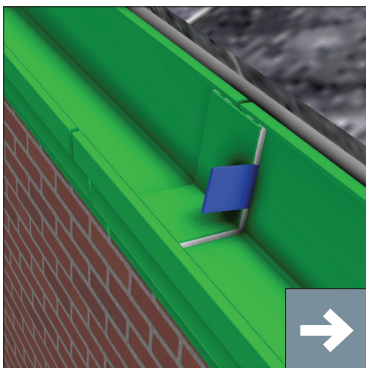
8. Clean all joint surfaces using a clean cloth and Alutec solvent cleaner, code SC108. Ensure all surfaces are dry and then apply two 8mm parallel beads of Alutec sealant, code SC101 to each gutter end.



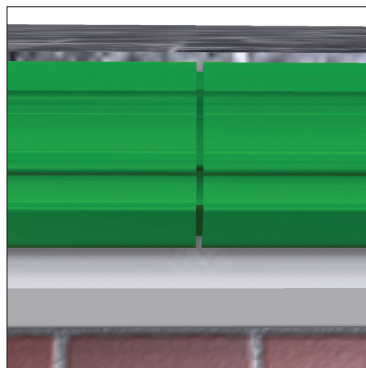
9. Check that the factory fitted rubber compression spacers are fitted to the underside of the unions. Insert union, taking care not to remove sealant from the vertical faces.



10. Secure union into gutter by engaging into the rear upstand and then the front using Alutec gutter compression tool, code SC104.



11. Point excess sealant well into the joint edges adding additional sealant if required.



12. Clean off any excess sealant to visible surfaces using Alutec solvent cleaner, code SC108 and ensure that all joints have a 3-4mm expansion gap.

General Guidance

Preparation

Fascia boards should be in good condition, level and in linear alignment (straight). If required, packing shim plates should be fixed behind gutter brackets to achieve good alignment. The fascia should be capable of supporting the gutter when full of water, ice or snow.

Where gutter is fixed to PVC-ue cellular fascia board, it is recommended that a timber support framework is installed behind the fascia to provide a straight and secure fixing surface.

Use standard metal work tools to cut or drill aluminium gutters. Angle grinders are not recommended. Where gutter or fittings are polyester powder coated, cut edges should be deburred and repainted with touch up paint, SC880.

Gutter position

Gutters must be installed level or to a fall of 1:600. The gutter should not be positioned at a level which causes rainfall to overshoot the gutter, i.e. too low, or where it is damaged by the high velocity impact of sliding snow, i.e. too high.

Snowloading

Heavy snowfall coupled with highly insulated roofs is causing accumulation of snow on roofs. A sudden thaw will then cause the snow to slide down the roof and rest against the gutters if they are fixed too high. Greater care must be taken to make sure the gutters will not impede sliding snow. However, for the ultimate protection, snow guards must be installed.

Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Joint surfaces must be perfectly clean and dry. Use a clean cloth and solvent cleaner SC108 to remove all traces of dirt or grease, which may not be visible.

Ensure that the gutter joint sockets/spigots are correctly aligned with each other to ensure free thermal movement within the gutter joint.

Only Alutec high performance low modulus sealant SC101 must be used. Use of other sealants may result in early joint failure. Sealant over nine months old must not be used.

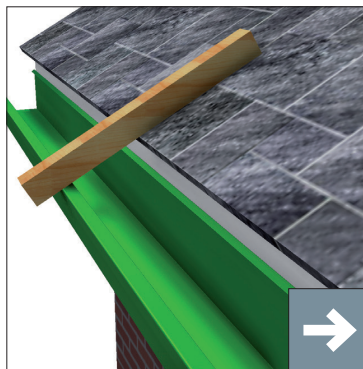
Fixing

To ensure the long term durability of aluminium gutter systems, it is vitally important to ensure that the fixing components are equally durable and capable of providing the necessary support. They must therefore be non corrosive, of a compatible material to ensure no electrolytic corrosion occurs and of the appropriate size. Only the recommended austenitic stainless steel screws must be used to fix gutters, whether direct, fascia or rafter bracket fixed.

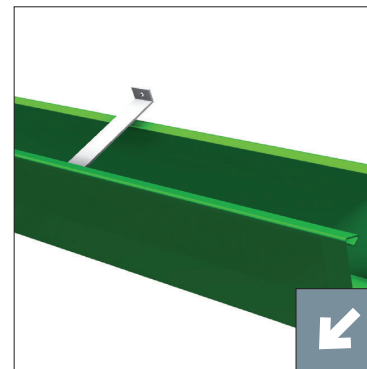
If fixing to fascia boards made of materials other than wood or Alutec aluminium composites, please call the Alutec Technical Services Department.

Testing

On completion of an installation, blank off all gutter outlets. Fill gutter to $\frac{3}{4}$ full and leave for 5 minutes, then check for leakage. Discharging the flood test water into rainwater pipes will identify any leaks in rainwater pipe joints. Any joints that fail should be taken apart, all sealant cleaned off, then re-sealed and re-tested.



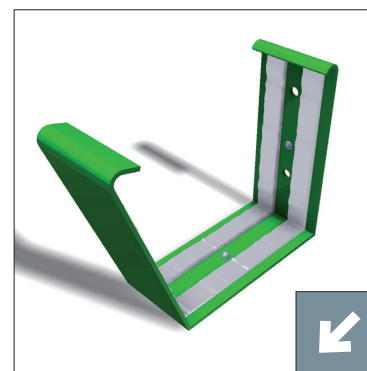
1. Set gutter height by laying a straight batten on the lowest profile of the roof. Place the gutter under the batten so that they are touching and mark the top lip. Use a chalk line or equivalent to set level as a reference for fixing gutters.



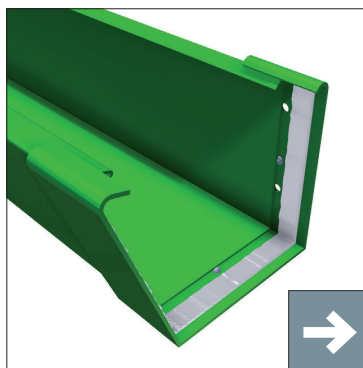
2. Secure stiffener brackets into the top front recess of the gutter in line with the pre-drilled holes at 750mm centres.



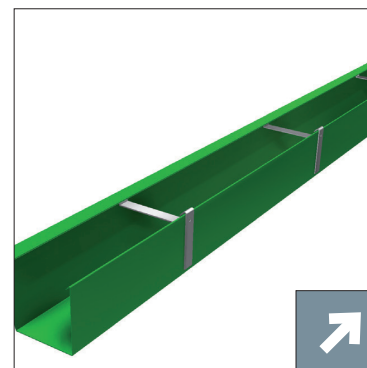
3. Clean all jointing surfaces with a clean cloth and Alutec solvent cleaner, code SC108.



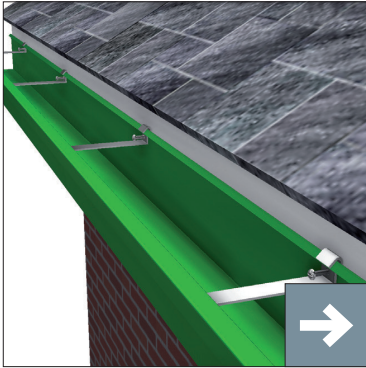
4. Check that factory fitted rubber compression spacers are fitted, then apply two 8mm parallel beads of Alutec sealant, code SC101 to both sides of the union.



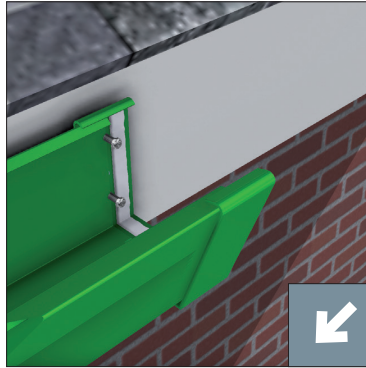
5. Fit the union to the end of the gutter by placing it onto the rear gutter edge first, bend in slightly the front face of the gutter and clip the union over the gutter's front edge.



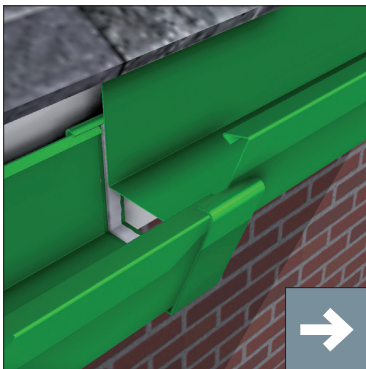
6. Hook rear spacer assemblies over rear upstand of gutter in line with pre-drilled holes and stiffener brackets.



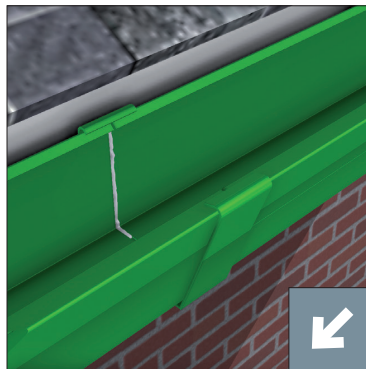
7. Fix the gutter to the fascia through the stiffener bracket fixing holes using Alutec 50mm x No. 12 screw, code SC231 and Alutec washer, code SC521.



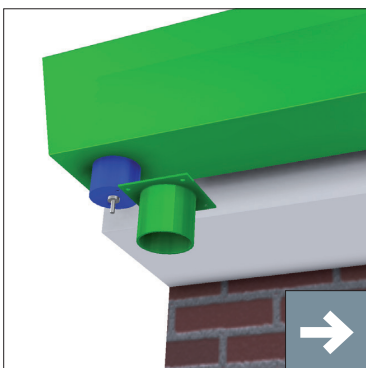
8. Anchor the unions and angles to the fascia using Alutec 32mm x No. 10 screw, code SC202.



9. Repeat steps 2, 3, 4, 5, & 6. Clip next gutter section into place, ensure a 3-4mm expansion gap and then fix gutter as described in step 7.



10. Add additional sealant if required and point any excess sealant well into the expansion gap. Dress sealant level with faces of gutter.



11. Fit patch outlet by cutting the appropriate size hole in-situ or prior to gutter fixing. Place patch outlet on the external face of the gutter, mark and drill four 6mm bolt holes. Apply Alutec sealant, code SC101 to joint faces and fix with the four supplied Alutec M6 aluminium bolts, nuts and washers, codes SC502, SC511 & SC521.



12. Clean off any excess sealant to visible surfaces using Alutec solvent cleaner, code SC108.

Traditional Top and Side Rafter Arm Installation Guide

Bending to correct roof angle

Rafter arms are manufactured to suit a roof pitch of 30°. If the site roof pitch is different to this angle the rafter arms will need to be site bent in a similar fashion to the illustration shown above. Do not attempt to install the rafter arms and bend from the formed cradle as this may deform the shape of the bracket.

Rafter arm spacing

Rafter arms must not exceed 915mm centres.

Pilot drill all screw holes prior to inserting 30xNo10 compatible s/steel screw, code SC201.

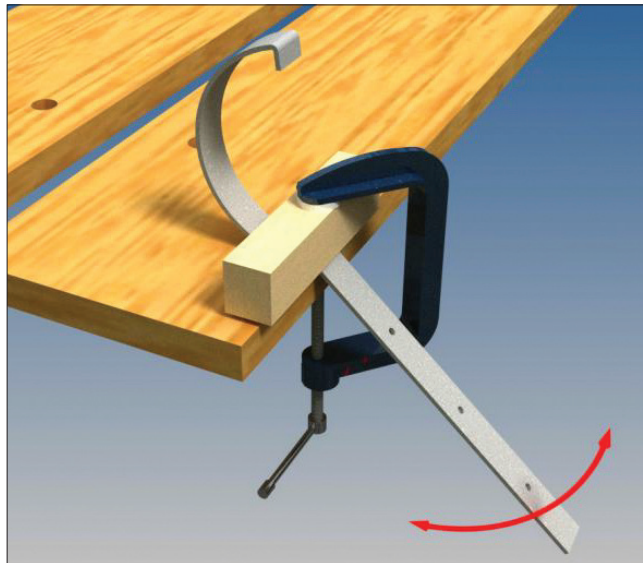
For best flow rate, fix to a fall of 1:600 or alternatively nominally level.

Securing

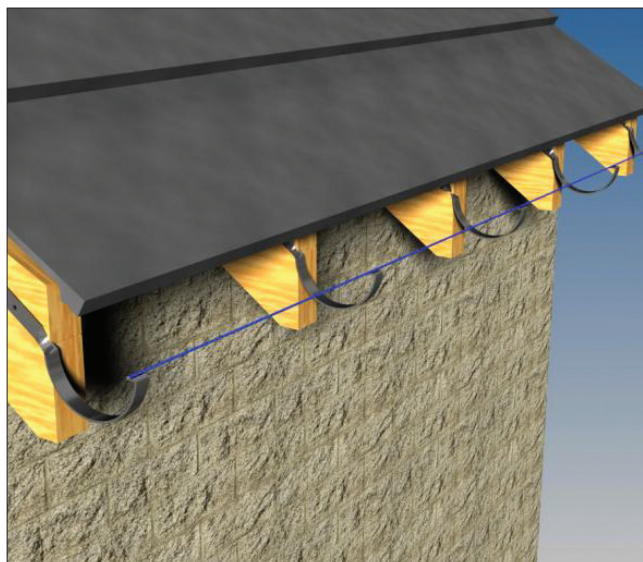
Apply a small bead of Alutec sealant, code SC101 to the inside face of the rafter arms and place gutter into cradle. The sealant will act as a retaining adhesive.

For areas susceptible to high winds, it is advised that gutters are secured to the rafter arms at every second bracket with a stainless steel self tapping screw.

Bending to correct roof angle



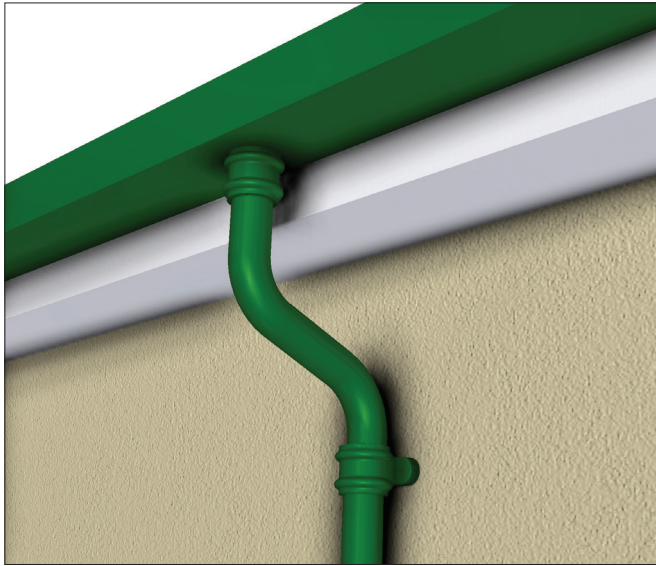
Rafter arm spacing



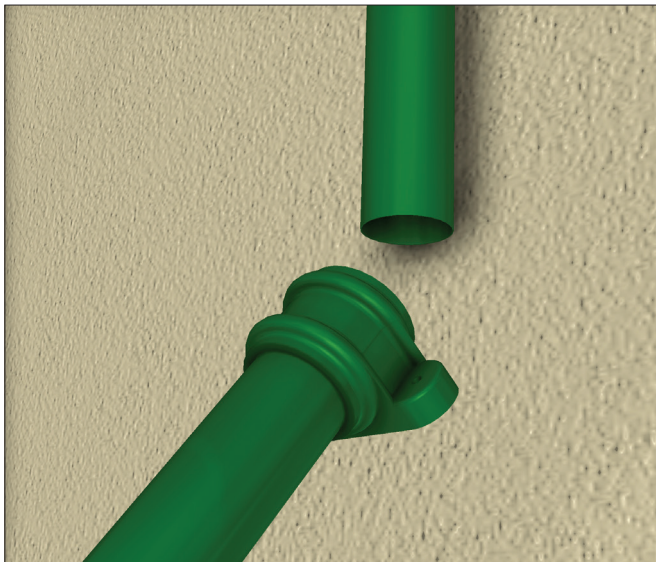
Securing



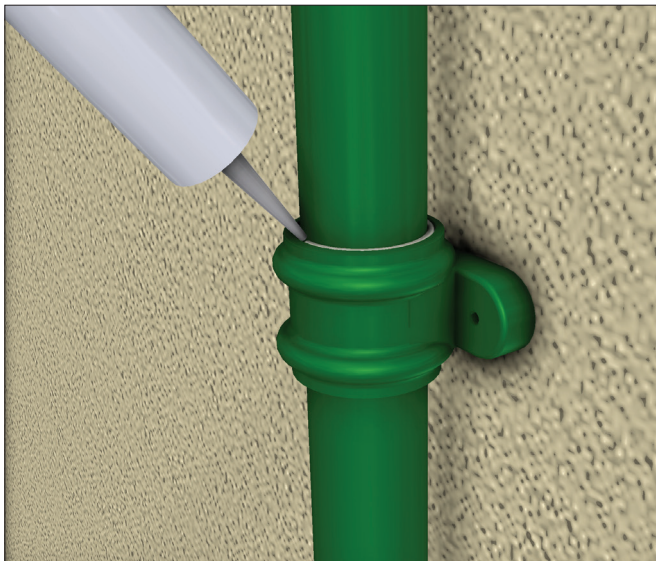
Gutter outlet / Hopper connection



Fixing



Drain Connection



Gutter outlet / Hopper connection

Connection to the gutter outlet and or hopper is made via a pipe socket. Pipe sockets are supplied with all offsets. Bespoke offsets can be made to order.

Fixing

For fixing to masonry via the cast sockets, use Alutec No. 16 x 70mm hex insert domehead, code SC208 with appropriate wall plugs. Intermediate pipe clips are not required. However, additional pipe clips must be fitted adjacent to inline bends and branches.

Downpipes can be spaced out a further 30mm from the wall by using Alutec Wall spacer, code SC712 with Alutec No. 16 x 100mm hex insert domehead, code SC209 with appropriate wall plugs.

If fixing to a non masonry background, please call Alutec Technical Services Department for advice.

Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Joint surfaces must be perfectly clean and dry. Use a clean cloth and Alutec solvent cleaner, code SC108 to remove all traces of dirt or grease, which may not be visible.

All pipe joints, including connection to the gutter outlet, must be sealed with Alutec sealant, code SC101. Ensure to allow a 3-4mm expansion gap between pipe lengths.

Pipe off-cuts can be used by fitting a pipe socket into a square cut end of pipe.

Drain Connection

Unless a shoe is used to terminate the pipe and discharge over an open gully, drain connections should preferably be made using the appropriate adaptor by the drainpipe manufacturer, e.g. connect to vitreous clay or PVCu drainage pipes with a universal EPDM rubber adaptor. For connection to cast iron drainage use a proprietary cast iron step coupling.

Testing

It is good practice to water test the downpipes after installation. If connected to a gutter system, the discharging of flood test water from the gutter should identify any leaks within the downpipe system. For downpipes connected to hoppers or flat roof outlets, discharging water at the top with a hose pipe for a period of 5 minutes under normal mains pressure should suffice. Any leaking joints should be taken apart and re-sealed and re-tested.

Lightning conductors

Under no circumstances should rainwater downpipes be used as a lightning conductor to earth. If pipes are to be bonded to a lightning conductor system, the specialist installer must use an electrolytically compatible external bonding strap and not drill and bolt through the pipe wall.

Traditional Square & Rectangular Downpipe Installation Guide

Gutter outlet / Hopper connection

Connection to the gutter outlet and or hopper is made via a pipe socket. Pipe sockets are supplied with all offsets. Bespoke offsets can be made to order.

Fixing

Traditional downpipes with eared cast sockets
For fixing to masonry via the cast sockets, use Alutec No. 16 x 70mm hex insert domehead, code SC208 with appropriate wall plugs. When fixed in this way, intermediate pipe clips are not required. However, additional pipe clips must be fitted adjacent to inline bends and branches.

Traditional downpipes with non eared cast sockets
For fixing to masonry, use the standard pipe clips and fix with Alutec No. 16 x 70mm hex insert domehead, code SC208 with appropriate wall plugs. One clip to be located directly under the pipe socket and a further clip 1.5 metres below. Additional pipe clips must be fitted adjacent to inline bends and branches.

Additional spacing from wall

Downpipes can be spaced out a further 30mm from the wall by using Alutec cast spacer bobbins with No. 16 x 100mm hex insert domehead, code SC209 with appropriate wall plugs.

If fixing to a non masonry background, please call Alutec Technical Services Department for advice.

Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Joint surfaces must be perfectly clean and dry. Use a clean cloth and Alutec solvent cleaner, code SC108 to remove all traces of dirt or grease, which may not be visible.

All joints to pipes with cast sockets must be sealed, including at the gutter outlet with Alutec sealant, code SC101. Access to seal the rear of the socket can be made easier by attaching a flexible piece of tube to the end of the sealant gun nozzle. Ensure to allow for a 3-4mm expansion gap between pipe lengths.

Pipe off cuts can be utilised by fitting a pipe socket to a square cut end of pipe. Ensure that a bead of Alutec sealant, code SC101 is placed within the internal recess of the pipe socket, prior to driving the socket onto the end of the pipe with a rubber/wooden mallet.

Drain Connection

Unless a shoe is used to terminate the pipe and discharge over an open gully, drain connections should preferably be made using the appropriate size Alutec square to round drain connector. The adaptor push-fits inside a 110mm Ø ring sealed drain socket. The deep square connection socket allows for an insert and lift slip connection of the bottom pipe between two fixed points.

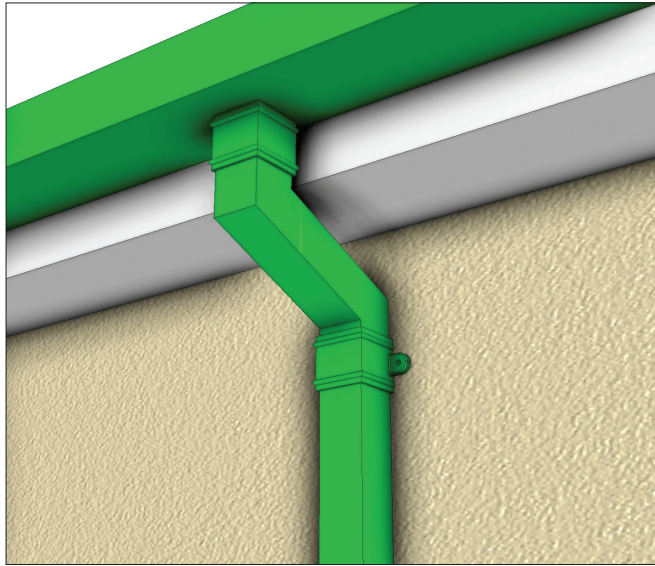
Testing

It is good practice to water test the downpipes after installation. If connected to a gutter system the discharging of flood test water from the gutter should identify any leaks within the downpipe system. For downpipes connected to hoppers or flat roof outlets, discharging water at the top with a hose pipe for a period of 5 minutes under normal mains pressure should suffice. Any leaking joints should be taken apart and re-sealed and re-tested.

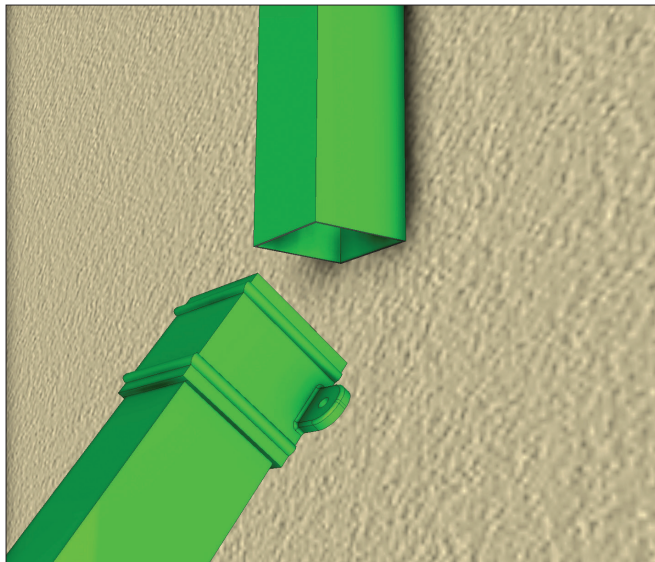
Lightning Conductors

Under no circumstances should rainwater downpipes be used as a lightning conductor to earth. If bonding pipes to a lightning conductor system is required, the specialist installer must use an electrolytically compatible external bonding strap and not drill and bolt through the pipe wall.

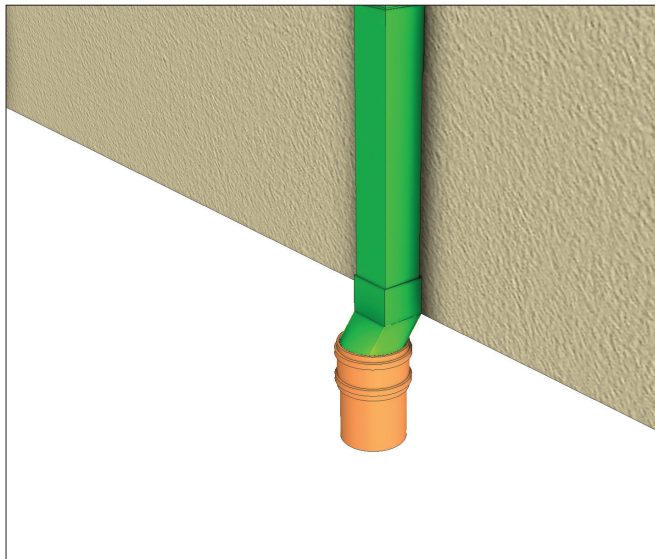
Gutter outlet / Hopper connection



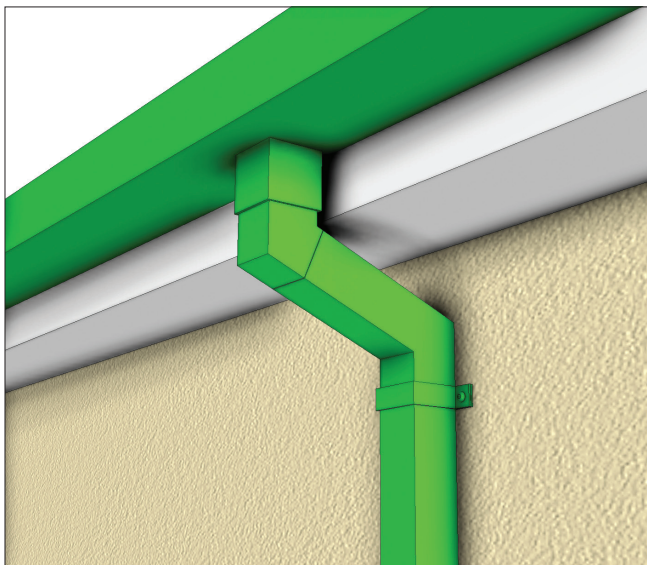
Fixing



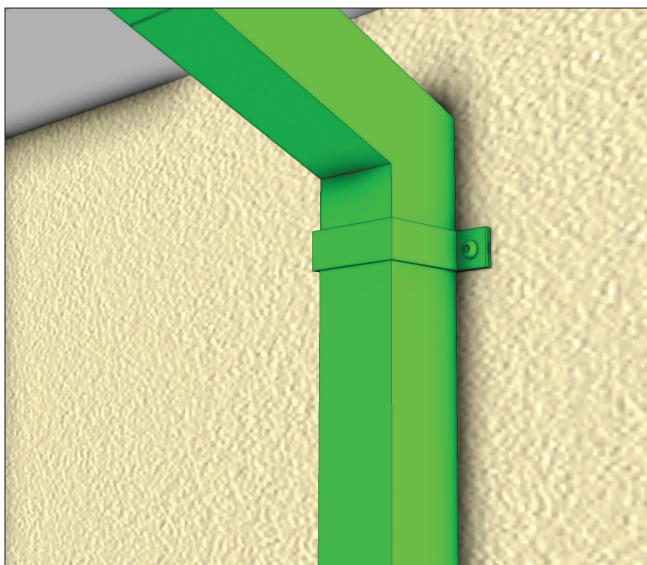
Drain Connection



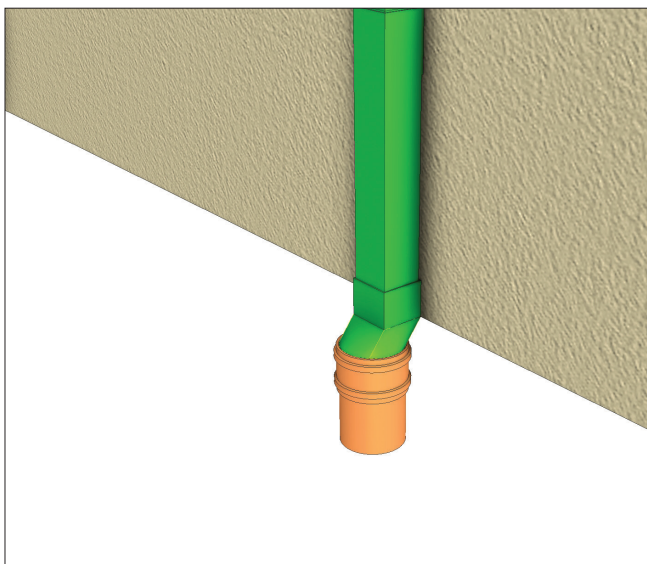
Gutter outlet / Hopper connection



Fixing



Drain Connection



Gutter outlet / Hopper connection

Connection to the gutter outlet and or hopper is made via a pipe socket. Pipe sockets are supplied with all adjustable eaves offsets. Bespoke offsets can be made to order.

Fixing

For fixing to masonry, use the standard pipe clips and fix with Alutec No. 12 x 50mm domehead screw, code SC205 with appropriate wall plugs. One clip to be located over the pipe joint and a further clip 1.5 metres below. Additional pipe clips must be fitted adjacent to inline bends and branches.

Additional spacing from wall

Downpipes can be spaced out a further 30mm from the wall by using Alutec cast spacer bobbins with No. 16 x 100mm hex insert domehead, code SC209 with appropriate wall plugs.

If fixing to a non masonry background, please call Alutec Technical Services Department for advice.

Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Joint surfaces must be perfectly clean and dry. Use a clean cloth and Alutec solvent cleaner, code SC108 to remove all traces of dirt or grease, which may not be visible.

Joints to the gutter outlet connection and joints not on a vertical plane should always be sealed with Alutec sealant, code SC101; remaining joints do not require sealing.

Pipe off cuts can be utilised by fitting an internal joint spigot to a square cut end of pipe and sealed with Alutec sealant.

Drain Connection

Circular pipe

Unless a shoe is used to terminate the downpipe and discharge over an open gully, drain connections should preferably be made using an appropriate adaptor by the drain pipe manufacturer, e.g. connect to vitreous clay or PVCu drainage pipes with a universal EPDM rubber adaptor. For connection to cast iron drainage use a proprietary cast iron step coupling.

Square pipe

Unless a shoe is used to terminate the pipe and discharge over an open gully, drain connections should preferably be made using the appropriate size Alutec square to round drain connector. The adaptor push-fits inside a 110mm Ø ring sealed drain socket. The deep square connection socket allows for an insert and lift slip connection of the bottom pipe between two fixed points.

Testing

It is good practice to water test the downpipes after installation. If connected to a gutter system the discharging of flood test water from the gutter should identify any leaks within the downpipe system. For downpipes connected to hoppers or flat roof outlets, discharging water at the top with a hose pipe for a period of 5 minutes under normal mains pressure should suffice. Any leaking joints should be taken apart and re-sealed and re-tested.

Lightning Conductors

Under no circumstances should rainwater downpipes be used as a lightning conductor to earth. If bonding pipes to a lightning conductor system is required, the specialist installer must use an electrolytically compatible external bonding strap and not drill and bolt through the pipe wall.

Vandal-Resistant Downpipe Installation Guide

Gutter outlet / Hopper connection

Connection to the gutter outlet and or hopper is made via a pipe socket. Pipe sockets are supplied with all adjustable eaves offsets. Bespoke offsets can be made to order.

Fixing

Unlike other pipes assemblies, this system is designed to be anti-climable and therefore fixed flat against the wall with all support fixings concealed. Install in sequence from top to bottom using Alutec 50mm x No.12 countersunk screw, code SC241 with appropriate wall plugs. Unless used for the aesthetic value of the pipe system, shoes at the bottom of the pipes are not recommended. Bends and branches are supplied with loose fixing plates and fixing kit, to allow the plates to be fitted to the required left/right handing orientation.

If fixing to a non masonry background, please call Alutec Technical Services Department for advice.

Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Joint surfaces must be perfectly clean and dry. Use a clean cloth and Alutec solvent cleaner, code SC108 to remove all traces of dirt or grease, which may not be visible.

All pipe joints, including connection to the gutter outlet, must be sealed with Alutec sealant, code SC101. Ensure to allow a 3-4mm expansion gap between pipe lengths.

Pipe off-cuts can be used by fitting a pipe socket into a square cut end of pipe.

Drain Connection

Unless a shoe is used to terminate the pipe and discharge over an open gully, drain connections should preferably be made using the appropriate size Alutec square to round drain connector. The adaptor push-fits inside a 110mm Ø ring sealed drain socket. The deep square connection socket allows for an insert and lift slip connection of the bottom pipe between two fixed points.

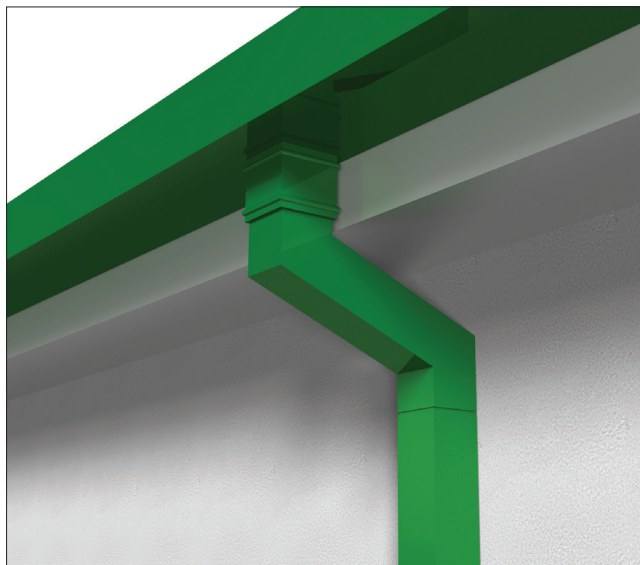
Testing

It is good practice to water test the downpipes after installation. If connected to a gutter system the discharging of flood test water from the gutter should identify any leaks within the downpipe system. For downpipes connected to hoppers or flat roof outlets, discharging water at the top with a hose pipe for a period of 5 minutes under normal mains pressure should suffice. Any leaking joints should be taken apart and re-sealed and re-tested.

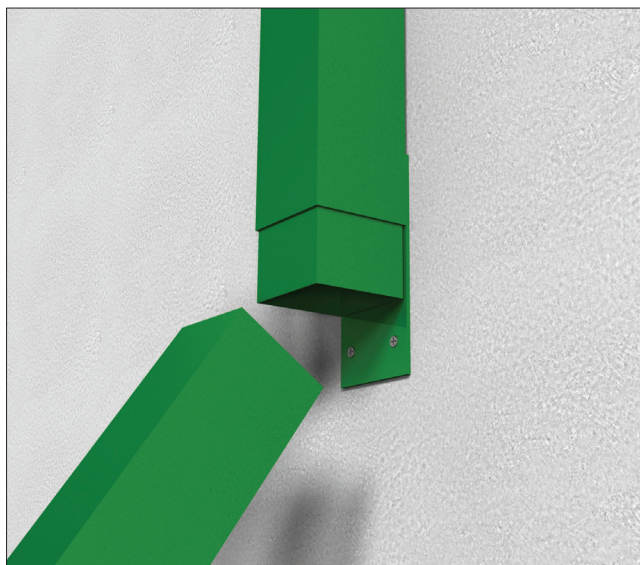
Lightning Conductors

Under no circumstances should rainwater downpipes be used as a lightning conductor to earth. If bonding pipes to a lightning conductor system is required, the specialist installer must use an electrolytically compatible external bonding strap and not drill and bolt through the pipe wall.

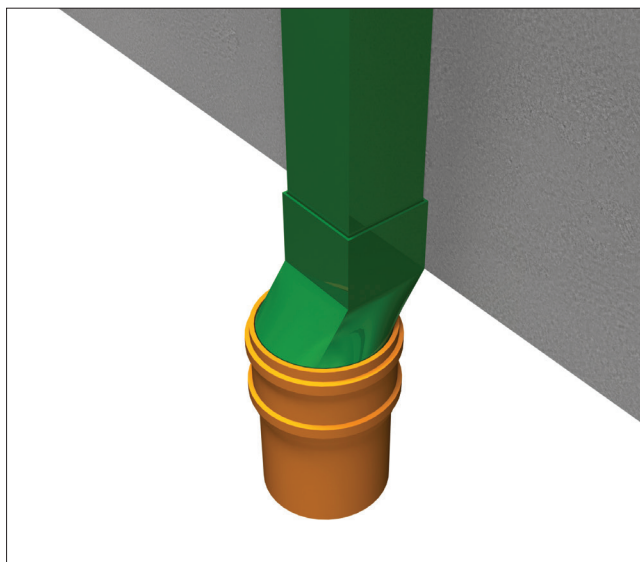
Gutter outlet / Hopper connection



Fixing



Drain Connection



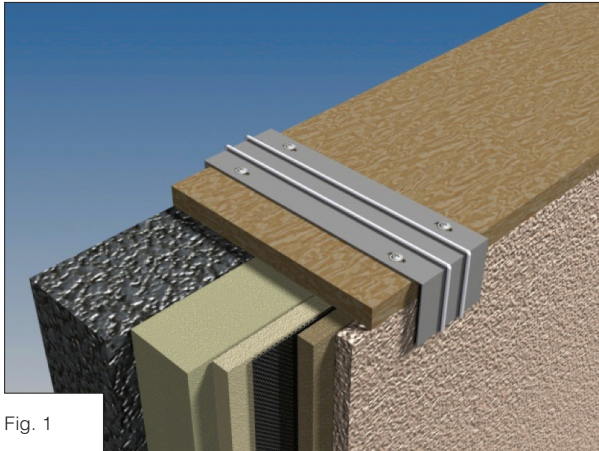


Fig. 1

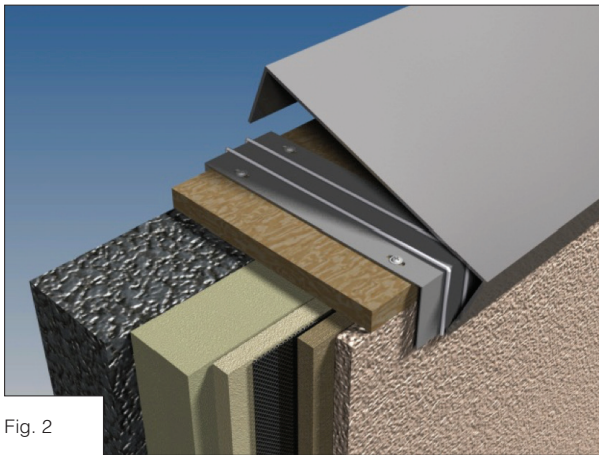


Fig. 2

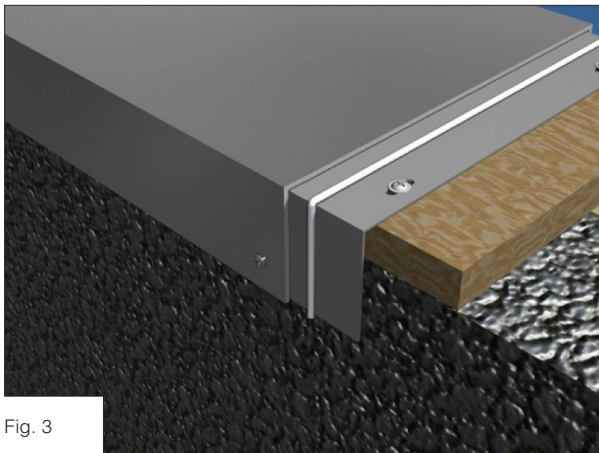


Fig. 3

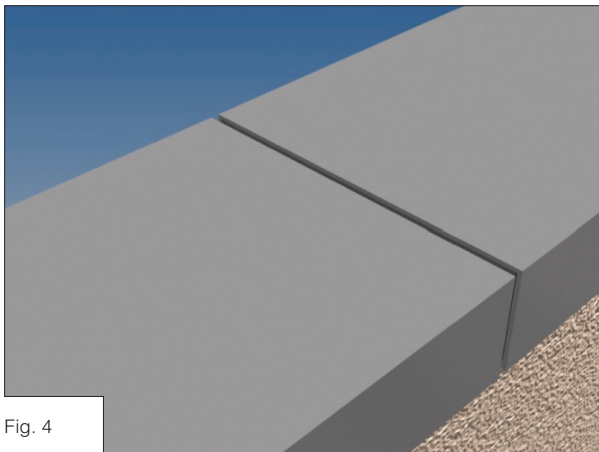


Fig. 4

Fixing Backgrounds

Prior to fitting copings, we strongly recommend that a marine grade plywood backing board is securely installed to the wall header. The backing board will spread the wind load forces acting on the copings, whilst also ensuring a level background.

1. Fixing brackets must be located centrally at each coping joint abutment and spaced at maximum 1.5m centres. Secure each bracket using 4 no. No. 8 x 25mm flangehead screws, code SC204. Fig. 1

Optional

If required, the top face of the copings can be laid to a fall by placing packing shims (supplied by others) underneath the brackets. A typical fall would be 2°.

2. Offer coping panel into place by hooking the front drip edge over the fixing brackets. Remove butyl tape liner, then rotate panel downwards until in its resting position. Press the coping panel down firmly over entire bracket to ensure full contact is made with the high performance butyl sealing strips. Fig. 2
3. In line with each bracket, on the inside return face pre-drill a 3mmØ hole through the coping panel and bracket. Insert No. 8 x 15mm colour matched flangehead screw, code SC250. Fig. 3
4. Before fitting next coping section, repeat steps 1 and 2, then offer coping panel into position ensuring a 3mm expansion gap is left between abutting ends Fig. 4. Fix coping panel into position as step 3.

Further information and advice

If you have any queries, please contact The Alutec Technical Services Department on 01234 344108.

Soffit installation :

Step 1:

Each soffit or fascia panel's protective film is printed with directional arrows. Ensure panels are fixed with the arrows pointing in the same direction to ensure a uniform surface appearance. Remove a small area of the protective film from the locations of all fixings to prevent it being trapped underneath the head of the fixing. See Fig. 1

Step 2:

Fix Soffit support trim FF30 to background at 600mm centres and slot soffit panel into Soffit support trim FF30. Pre-drill pilot holes and fix soffit at 600mm centres in rafter / truss ends with colour matched polypins, code SC670 at the front. Polypins should be positioned to be concealed by the bottom front return edge of the fascia. See Fig. 2

Step 3:

Joints between abutting panels are made using 'H' section joint trims. See Fig. 2

Step 4:

Install next soffit panel; ensure a 4mm expansion gap between panels. Fix horizontal timber battens between rafters / trusses for support and alignment at joints.

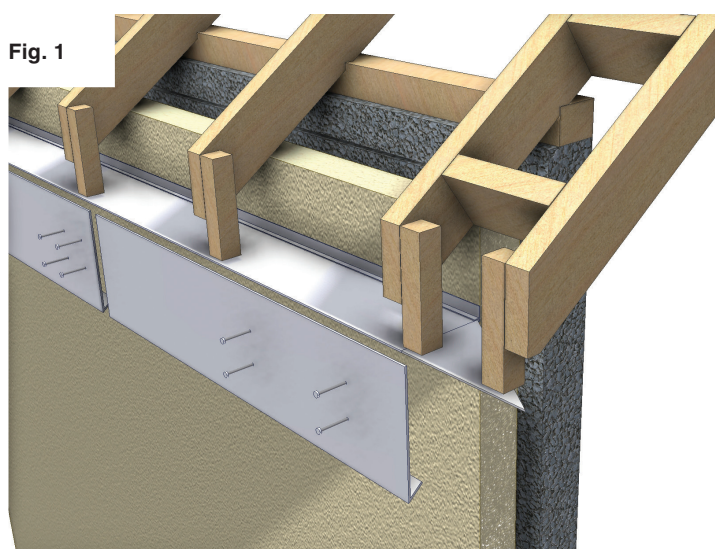


Fig. 1

Fixing - Maximum 600mm centres

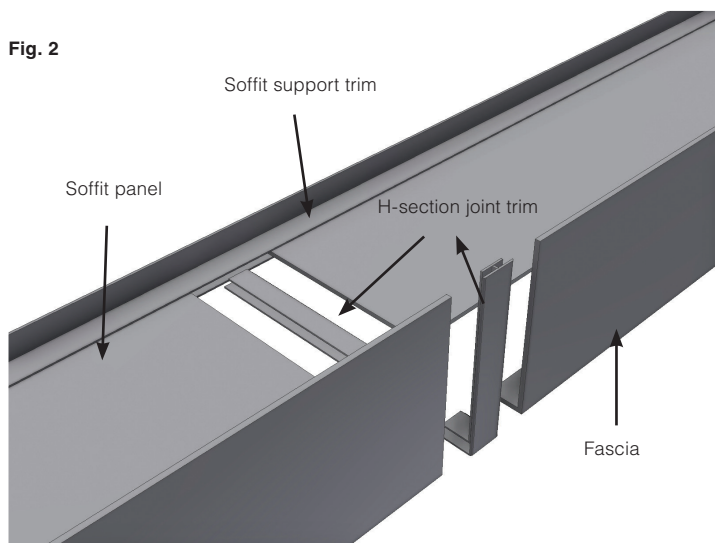


Fig. 2

Jointing - Straight sections

Fascia installation option 1: Mechanical fixing

Step 4.1: Option

Direct fixing to rafters: For fascia panels supporting guttering, fix with two Nr 50mm poly nails SC280 above the gutter line at maximum 600mm centres. For fascia panels not supporting guttering, fix with two Nr 30mm polypins SC670 at maximum 600mm centres. Additional polypin fixings will be required for fascias over 250mm deep.

Step 4.2: Option

Fixing to timber background: Fix fascia panel at maximum 600mm centres with two Nr 30mm polypins SC670 above the gutter line.

Step 5:

Abutting ends must be jointed with the appropriate H-Section joint trim.

Step 6:

Ensure there is at least a 2mm expansion gap where fascia panel is inserted into the H-section joint trim.

Step 7:

Finally, remove the protective film within 90 days of installation.

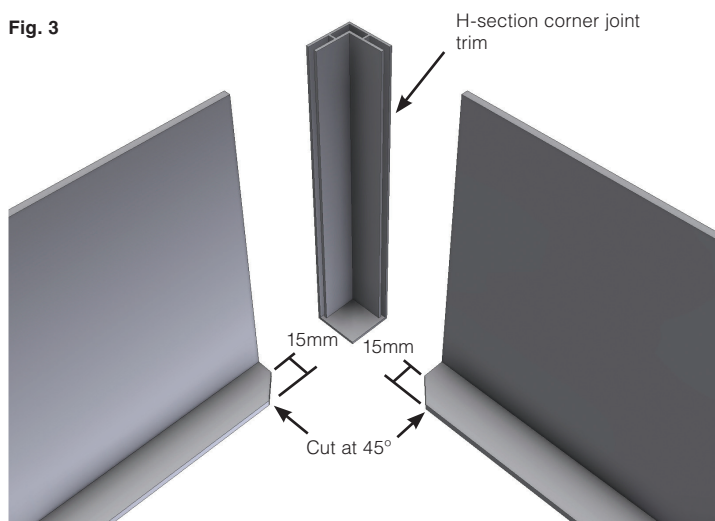
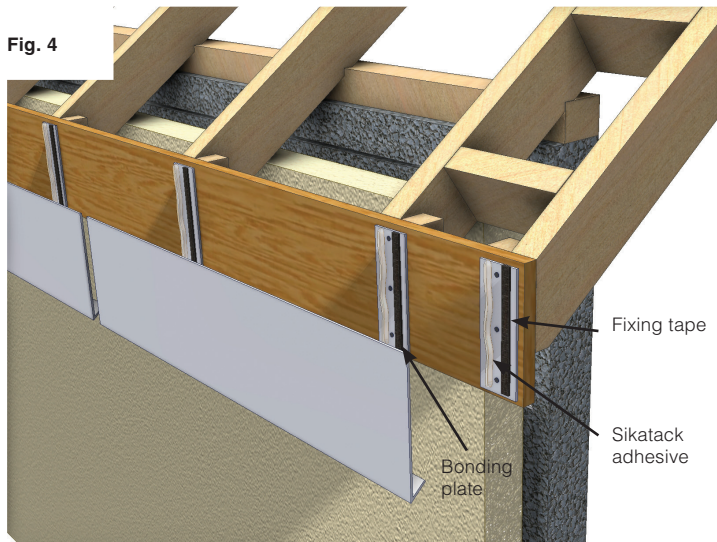


Fig. 3

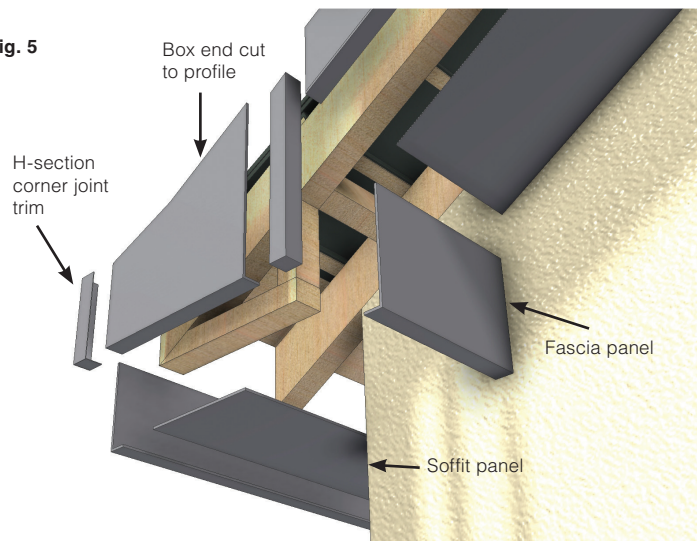
Angle joint - Cut fascia returns 15mm from front face at 45°

Fig. 4



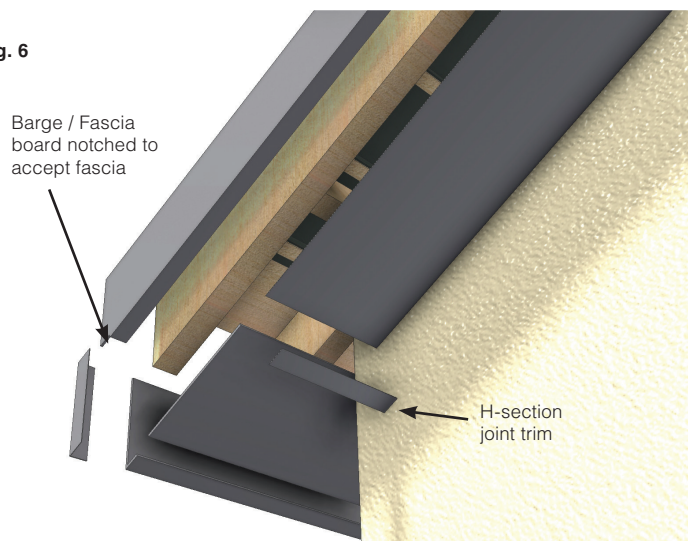
Bonding fascia option - Plates at maximum 600mm centres

Fig. 5



Typical box end construction

Fig. 6



Angled soffit box end construction

Fascia installation option 2: Bonding

Marley Alutec recommends the use of SikaTack Panel Adhesive System when bonding panels.

Not all backgrounds are suitable for a direct secure bond, therefore bonding plates should be mechanically fixed to the background at maximum 600mm centres. Bonding plates are supplied 75mm wide in 3m lengths code FY40 for site cutting to required lengths.

Step 8:

Fix bonding plate FY40 at 600mm centres using minimum 3 Nr stainless steel flat head annular nails or countersunk screws.

Step 9:

Strip off the protective film from the bonding plates and apply one thin coat of SikaTack panel primer to the bonding plates and corresponding areas to the rear of the fascia board. Allow at least 30 minutes for the primer to dry.

Step 10:

Apply the self-adhesive fixing tape vertically to the full length of the bonding plate 5mm in from the edge. This fixing tape is only intended to hold the panel in position until the adhesive is fully cured. See Fig. 4.

Step 11:

Apply Sikatack adhesive to the bonding plate using the triangular nozzle supplied, applying a 10mm high bead at least 5mm from the edge of the plate.

Important Note: Do not apply adhesive in damp/wet conditions or temperatures below 5°C. We also recommend discreet pinning to the top edge to support the weight of the panels as an additional safety measure.

Step 12:

Remove the foil from the fixing tape, and then carefully offer the fascia panel into the required position to make contact with the beads of adhesive, but without touching the fixing tape. When the panel is in position, press firmly until it makes contact with the fixing tape. We recommend this operation is carried out by two operatives. Fitting the panel must be completed within 10 minutes after application of the adhesive.

Step 13.1: Option

H Section Joints: Abutting ends must be jointed with the appropriate H-Section joint trim.

Step 13.2: Option

Pointed Joints: To achieve a neat silicone joint apply masking tape to both edges, point silicone into the joint, code SC103 and smooth flat. Note: Silicone must make contact with the rear bonding plate. Finally remove masking tape.

Step 14:

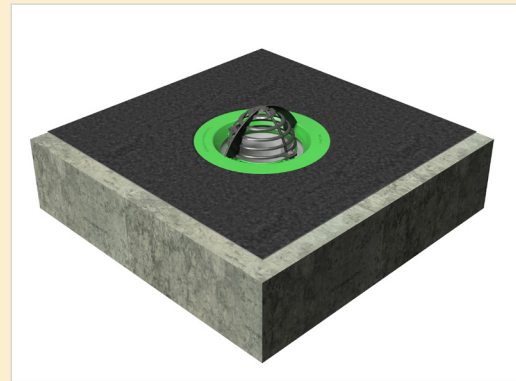
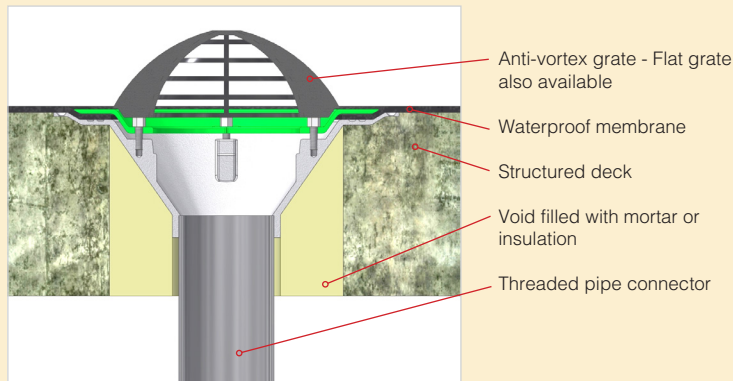
Finally, remove the protective film within 90 days of installation.

IMPORTANT:

COMMON INSTALLATION TASKS APPLICABLE TO ALL INSTALLATIONS

- Fit threaded pipe connector into the outlet body as per the label attached to each threaded pipe connector, **using silicone sealant (SC101)**.
- Fill any structural voids to the underside of the outlet with mortar or insulation as appropriate.
- Fit a fire collar or wrap around the protruding plastic pipe against the underside of the roof structure, if the pipe projects into a building

COLD ROOFS AND CAR PARKS



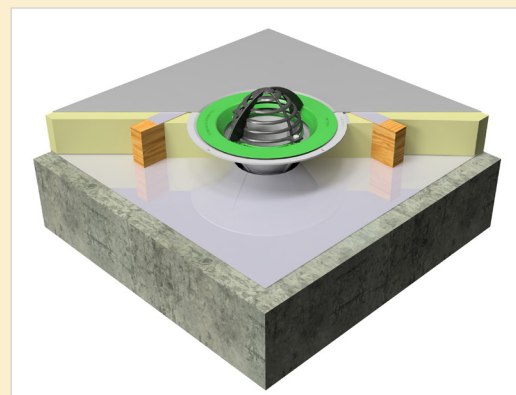
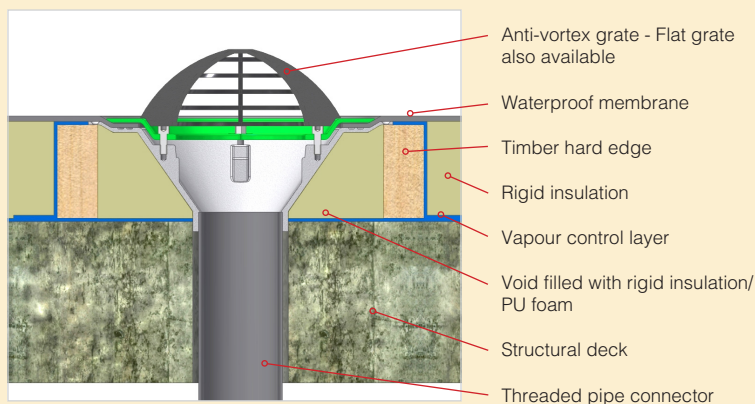
GRP, Cold Liquid, Hotmelt or Asphalt Waterproofing Membranes

1. Remove the membrane clamp ring, wax paper ring including butyl seals & three foam transit spacers located within the throat of the outlet and discard.
2. Place roof outlet body (with pipe connector fitted) centrally over structural opening.
3. Dress/apply waterproofing membrane over the recessed grooves of the outlet body.
4. Place membrane clamping ring over waterproofing membrane, then secure to outlet body with the 4 Nr male/female insert bolts. (Use the 4 threaded rods and belts supplied for asphalt applications) Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
5. Attach grating.

Sheet Waterproofing Membranes

1. Remove the dome/flat grate, membrane clamp ring & wax paper ring from the butyl seal rings, including three foam transit spacers located within the throat of the roof outlet.
2. Place roof outlet body with pipe connector fitted, centrally over structural opening.
3. Cut a 500mm square piece of the waterproofing membrane with a 220mm diameter hole in the centre and place centrally over roof outlet.
4. Place membrane clamping ring over waterproofing membrane, then secure to outlet body with 4 Nr male/female insert bolts. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
5. Attach grating.

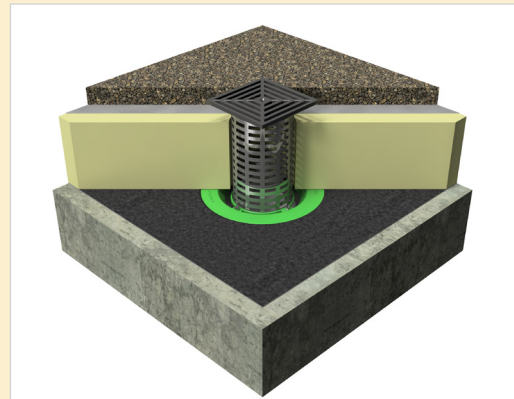
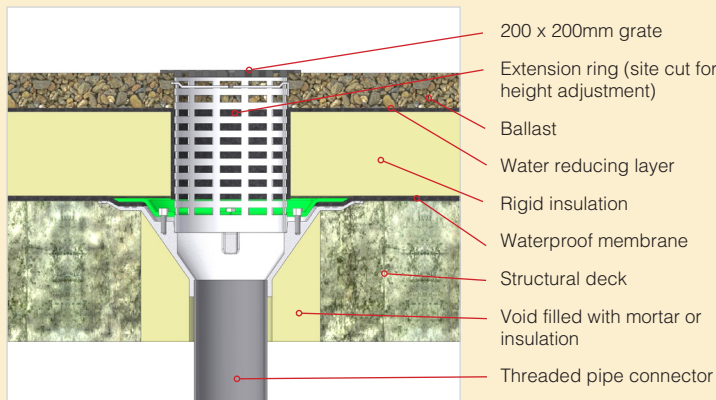
WARM ROOFS



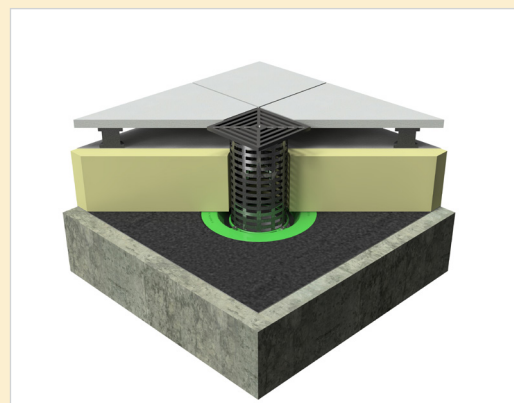
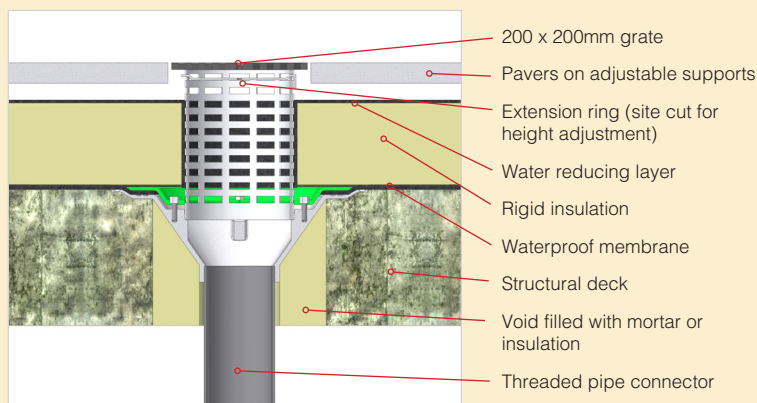
Sheet Waterproofing Membranes

1. The vapour control layer should be cut and sealed around the downpipe hole, within the deck, in accordance with the manufacturer's instructions.
2. Create a 340x340mm internal dimension timber or other suitable material kerb around the roof outlet structural opening to the same height as the insulation.
3. Flashing pieces of the vapour control layer should be dressed over the timber kerb and sealed to the main vapour control layer.
4. Place roof outlet onto the raised kerb, mark and recess the four contact areas so the top of the roof outlet and insulation are at the same height, then secure with 4 Nr A2 stainless steel screws (not supplied).
5. Cut rigid sections of insulation to infill the corners of the timber kerb.
6. Cut a 500mm square piece of the waterproofing membrane with a 220mm diameter hole centrally.
7. Remove the dome/flat grate, membrane clamp ring & wax paper ring from the butyl seal rings, including three foam transit spacers located within the throat of the roof outlet.
8. Place the 500mm square piece of waterproofing membrane over the outlet body ensuring the 220mmØ hole is central.
9. Place the membrane clamping ring over the waterproofing membrane, then secure to outlet body with 4 Nr male/female insert bolts. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
10. Attach grating.

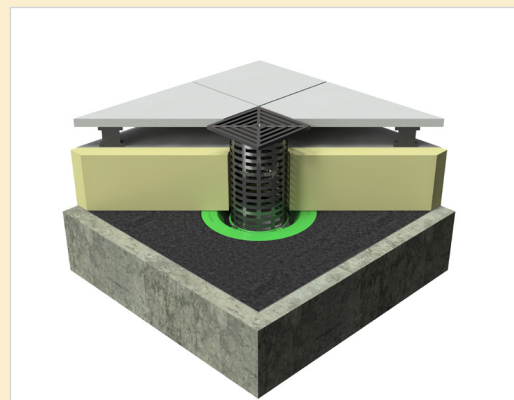
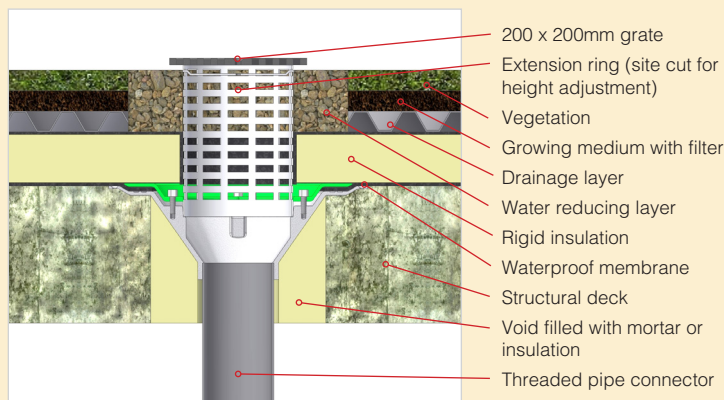
INVERTED BALLAST ROOF



INVERTED PAVED ROOF (TERRACE)



GREEN ROOF



GRP, Cold Liquid and Hotmelt Waterproofing Membranes

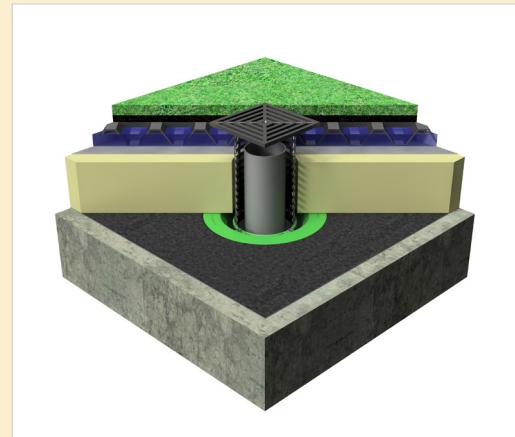
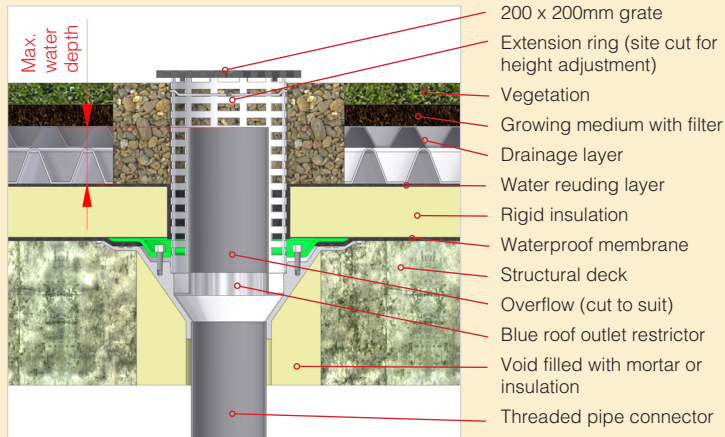
1. Remove the membrane clamp ring, wax paper ring including butyl seals & three foam transit spacers located within the throat of the balcony outlet and discard.
2. Place roof outlet body with pipe connector fitted centrally over structural opening.
3. Dress/apply waterproofing membrane over the recessed grooves of the outlet body.
4. Place membrane clamping ring over waterproofing membrane, then secure to outlet body with the 4 Nr male/female insert bolts. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
5. Insert the 160mmØ perforated extension into outlet throat. Place PIR insulation around the perforated extension. Cut the 160mmØ perforated extension to the required height (level with the finish top layer).
6. Remove perforated extension ring and dress the water runoff layer into the insulation void, then re-insert the perforated extension ring.
7. Insert the grate retaining bar through the uppermost perforations so that the threaded fixing hole is central. Place the 200 x 200mm square grating into position and secure with screw provided.
8. Apply any further roof build-up components and dress around the outlet extension ring.

Sheet Waterproofing Membranes

1. Remove the membrane clamp ring. Remove the wax paper ring from the butyl seal rings including three foam transit spacers located within the throat of the roof outlet, and discard.
2. Place roof outlet body with pipe connector fitted centrally over structural opening.
3. Cut a 500mm square piece of the waterproofing membrane with a 220mm diameter hole in the centre and place centrally over roof outlet.
4. Place membrane clamping ring over waterproofing membrane, then secure to outlet body with 4 Nr male/female insert bolts. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
5. Insert the 160mmØ perforated extension into outlet throat. Place PIR insulation around the perforated extension. Cut the 160mmØ perforated extension to the required height (level with the finished top layer).
6. Remove perforated extension ring and dress the water runoff layer into the insulation void, then re-insert the perforated extension ring.
7. Insert the grate retaining bar through the uppermost perforations so that the threaded fixing hole is central. Place the square grating into position and secure with screw provided.
8. Apply any further roof build-up components and dress around the outlet extension ring.

Outlets Typical Applications

BLUE ROOF



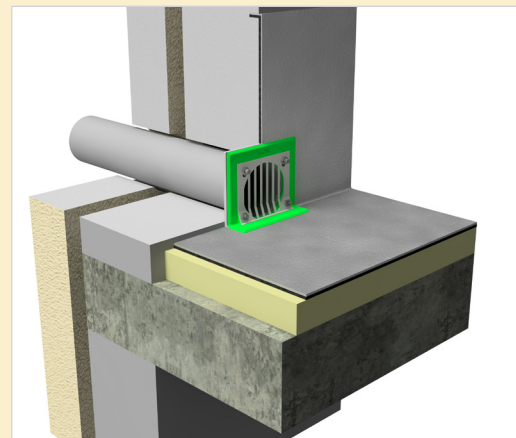
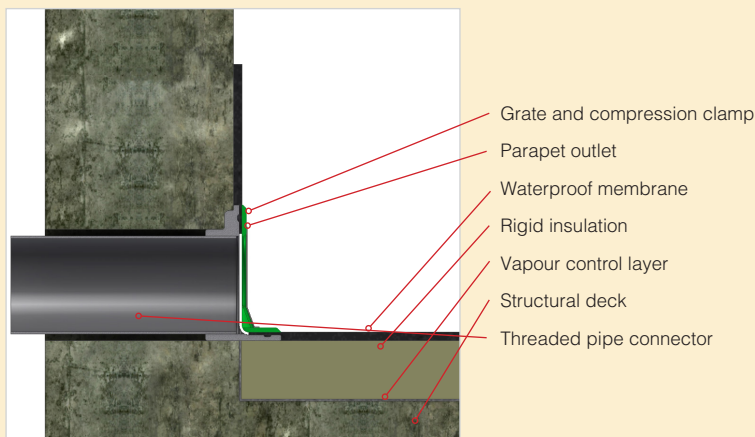
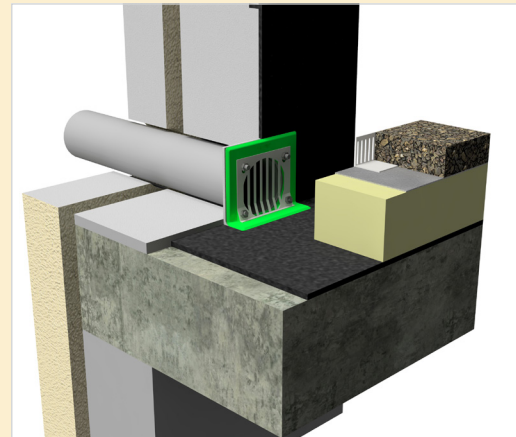
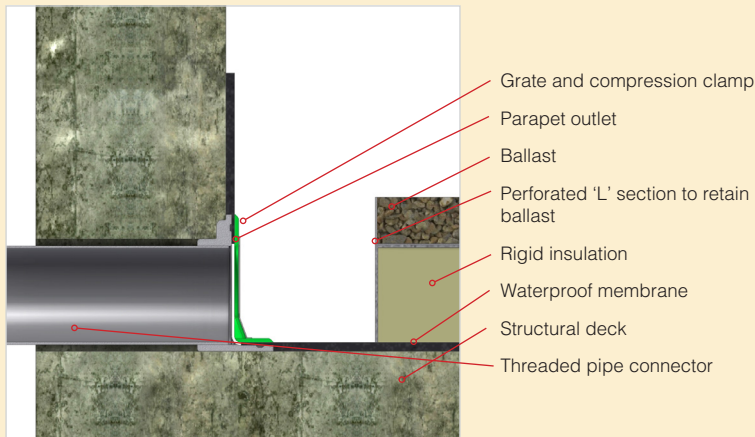
GRP, Cold Liquid, Hotmelt Waterproofing Membranes

1. Remove the membrane clamp ring, wax paper ring including butyl seals & three foam transit spacers located within the throat of the outlet and discard.
2. Place roof outlet body with pipe connector fitted centrally over structural opening
3. Dress/apply waterproofing membrane over the recessed grooves of the outlet body.
4. Place membrane clamping ring over waterproofing membrane, then secure to outlet body with the 4 Nr male/female insert bolts. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
5. Insert the 160mmØ perforated extension into outlet throat. Place PIR insulation around the perforated extension. Cut the 160mmØ perforated extension to the required height.
6. Remove perforated extension ring and dress the water runoff layer into the insulation void, then re-insert the perforated extension ring.
7. Place Blue Roof restrictor/overflow flange into the throat of the outlet body. Establish the maximum allowable water depth, mark and cut the overflow upstand to correspond accordingly.
8. Place and bed the flange of the Blue Roof restrictor onto an 8mm bead of silicone into the throat of the roof outlet.
9. Remove correct number of restrictor sealing plugs as instructed within the Blue Roof drainage design.
10. Re-insert the perforated extension ring. Insert grate retaining plate and fix square grating into position with screw provided.
11. Apply any further roof build-up components and dress around the outlet extension ring.

Sheet Waterproofing Membranes

1. Remove the membrane clamp ring. Remove the wax paper ring from the butyl seal rings including three foam transit spacers located within the throat of the roof outlet, and discard.
2. Place roof outlet body with pipe connector fitted centrally over structural opening.
3. Cut a 500mm square piece of the waterproofing membrane with a 220mm diameter hole in the centre and place centrally over roof outlet.
4. Place membrane clamping ring over waterproofing membrane, then secure to outlet body with 4 Nr male/female insert bolts. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
5. Insert the 160mmØ perforated extension into outlet throat. Place PIR insulation around the perforated extension. Cut the 160mmØ perforated extension to the required height.
6. Remove the perforated extension ring and dress the water runoff layer into the insulation void.
7. Place Blue Roof restrictor/overflow flange into the throat of the outlet body. Establish the maximum allowable water depth, mark and cut the overflow upstand to correspond accordingly.
8. Place and bed the flange of the Blue Roof restrictor onto an 8mm bead of silicone into the throat of the roof outlet.
9. Remove correct number of restrictor sealing plugs as instructed within the Blue Roof drainage design.
10. Re-insert the perforated extension ring. Insert grate retaining plate and fix square grating into position with screw provided.
11. Apply any further roof build-up components and dress around the outlet extension ring.

PARAPET OUTLET – WARM, COLD AND INVERTED ROOFS



GRP, Cold Liquid, Hotmelt Waterproofing Membranes

1. Remove the L shaped membrane clamp flange & stainless-steel grate. Remove wax paper ring, butyl seal strips including three foam transit spacers located within the throat of the outlet and discard.
2. Insert roof outlet with pipe adaptor fitted, into the structural opening and secure with 2 Nr A2 grade stainless steel screws (not provided) into the vertical background.
3. Dress the waterproofing membrane over the recessed grooves of the outlet body.
4. Place L shaped membrane clamp flange and grate over waterproofing membrane, then secure to outlet body with the 4 Nr male insert bolts. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.

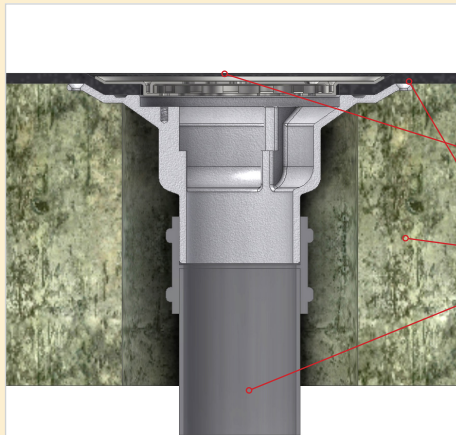
Sheet Waterproofing Membranes

1. Remove the L shaped membrane clamp flange & stainless-steel grate, wax paper ring from butyl seal ring including three foam transit spacers located within the throat of the roof outlet.
2. Insert roof outlet with pipe adaptor fitted, into the structural opening and secure with 2 Nr A2 grade stainless steel screws (not provided) into the vertical background.
3. Create a 500mm sq. skirt from the waterproof membrane and cut a 90x112mm rectangular hole in the middle and place over the outlet body & butyl seal strips.
4. Place L shaped membrane clamp flange and grate over waterproofing membrane, then secure to outlet body with the 4 Nr male insert bolts. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.

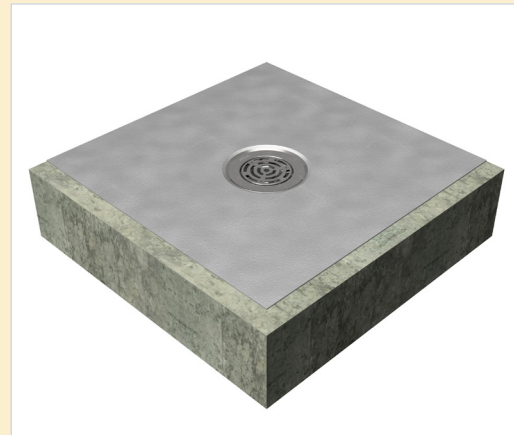
Inverted roofs - A localised sump area/void, adjacent to the outlet, should be left within the insulation of approximately 200x200mm in size. The void area can be left open or backfilled with ballast.

Outlets Typical Applications

UN-INSULATED BALCONIES



- Polished steel plate grate and compression clamp
- Waterproof membrane
- Structural deck
- Connecting pipework



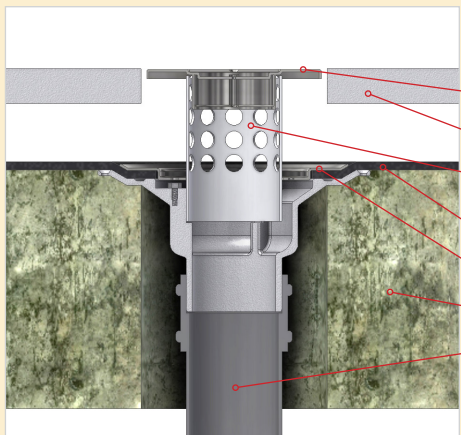
GRP, Cold Liquid and Hotmelt Waterproofing Membranes

1. Remove the membrane clamp ring, wax paper ring including butyl seals & three foam transit spacers located within the throat of the balcony outlet and discard.
2. Insert balcony outlet into the structural opening and secure with A2 grade stainless steel screws (not supplied).
3. Dress the waterproofing membrane over the recessed grooves of the outlet body
4. Place membrane clamping ring over waterproofing membrane, then secure to outlet body with the 3Nr bolts provided. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
5. Place circular grate over outlet and secure with screws provided.

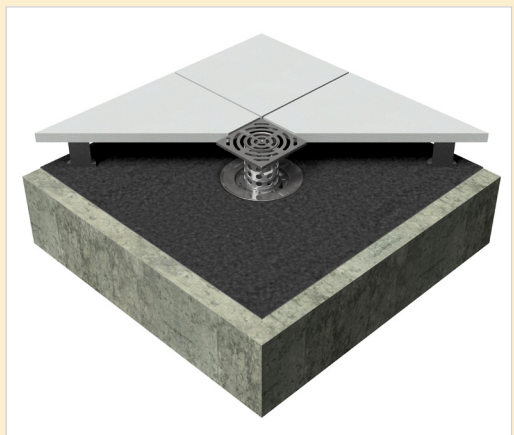
Sheet Waterproofing Membranes

1. Remove the membrane clamp ring, wax paper ring, including three foam transit spacers located within the throat of the balcony outlet and discard.
2. Insert balcony outlet into the structural opening and secure with A2 grade stainless steel screws (not supplied).
3. Create a 500mm sq. skirt from the waterproof membrane and cut a 135mm diameter hole in the middle. Centralise skirt over the outlet body.
4. Place membrane clamping ring over waterproofing membrane, then secure to outlet body with the 3Nr bolts provided. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
5. Place circular grate over outlet and secure with screws provided.

PAVED/DECKED BALCONIES



- Polished steel terrace grate
- Pavers on adjustable supports
- Extension ring (site cut for height adjustment)
- Waterproof membrane
- Compression clamp
- Structural deck
- Connecting pipework



GRP, Cold Liquid and Hotmelt Waterproofing Membranes

1. Remove the membrane clamp ring, wax paper ring including butyl seals & three foam transit spacers located within the throat of the balcony outlet and discard.
2. Insert balcony outlet into the structural opening and secure with A2 grade stainless steel screws (not supplied).
3. Dress the waterproofing membrane over the recessed grooves of the outlet body
4. Place membrane clamping ring over waterproofing membrane, then secure to outlet body with the 3Nr bolts provided. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
5. Insert perforated extension into outlet throat then mark the required height and cut down accordingly (5mm below finished floor level).
6. Press square tile grate spigot into the perforated extension.

Sheet Waterproofing Membranes

1. Remove the membrane clamp ring, wax paper ring, including three foam transit spacers located within the throat of the balcony outlet and discard.
2. Insert balcony outlet into the structural opening and secure with A2 grade stainless steel screws (not supplied).
3. Create a 500mm sq. skirt from the waterproof membrane and cut a 135mm diameter hole in the middle. Centralise skirt over the outlet body.
4. Place membrane clamping ring over waterproofing membrane, then secure to outlet body with the 3Nr bolts provided. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
5. Insert perforated extension into outlet throat then mark the required height and cut down accordingly (5mm below finished floor level).
6. Press square tile grate spigot into the perforated extension.

This technical cross-section diagram illustrates a roof assembly. At the top, a grey metal roof panel is shown. Below it is a layer of yellow insulation. A central drainage system is depicted, consisting of a metal pipe with a perforated section for water collection. Red lines with circles point to various components: the roof panel, the insulation, the drainage pipe, the perforated section, and the downspout. The diagram also shows the structural support of the roof and the surrounding wall.

-

1. Remove the membrane clamp ring, wax paper ring, including three foam transit spacers located within the throat of the balcony outlet and discard.
2. Insert balcony outlet into the structural opening and secure with A2 grade stainless steel screws (not supplied).
3. Create a 500mm sq. skirt from the waterproof membrane and cut a 135mm diameter hole in the middle. Centralise skirt over the outlet body.
4. Place membrane clamping ring over waterproofing membrane, then secure to outlet body with the 3Nr bolts provided. Tighten bolts in a diagonal sequence to ensure even compression. Check tightness after 15-30 mins and further tighten if required.
5. Insert perforated extension into outlet throat then mark the required height and cut down accordingly (5mm below finished floor level). Place PIR insulation around the perforated extension.
6. Press square tile grate spigot into the perforated extension.

GENERAL INFORMATION

Prices quoted are trade list prices and exclude Value Added Tax (VAT). Customer attention is drawn to the Company's official Terms and Conditions of Sale. Goods are supplied strictly in accordance with these terms and conditions, copies of which are freely available from our website.

Marley Alutec products are manufactured to a constant high standard. Marley Alutec will therefore not accept responsibility for failure of any installation which includes components not supplied by us. Only use Marley Alutec recommended sundries, as other products may be incompatible and impair the life expectancy of the system.

Before placing your order please check that you have ordered the appropriate amount of sealant, solvent cleaner, screws, nuts/bolts/ washers and touch-up paints. Where applicable when ordering, please clearly quote the colour and the RAL code.

Roof outlets are manufactured in aluminium. Grates and clamping rings or flanges are polyester powder coated.

RETURNS POLICY

Returns of polyester powder coated product will be for Heritage Black only, with prior agreement and at the discretion of Marley Alutec. Any agreed returns will incur a 50% re-stocking charge which covers the handling, checking and administration of the returned items.

We are unable to accept the return of any other Polyester Powder Coated or Soffit, Fascia & Coping product.

DELIVERY CHARGES

UK Mainland

| Product group | Based on list value per delivery | Delivery Charge |
|--|----------------------------------|-----------------|
| All orders excluding Evoke fascia, soffit and coping lengths | Up to £25 at list | £8 |
| | £25 - £500 at list | £15 |
| | £500 - £750 at list | £25 |
| | £750 or above at list | No charge |
| All orders which include Evoke fascia, soffit and coping lengths | Applicable to all orders | £100 |

For deliveries outside of UK mainland please contact customer services.

LEAD TIMES

5 day delivery lead times

| Heritage black | | Anthracite Grey (RAL 7016) | |
|---|---|---|---|
| Gutter systems | Downpipe systems | Gutter systems | Downpipe systems |
| <ul style="list-style-type: none"> • Evolve Half Round GT5 range • Evolve Deepflow GE5 range • Evolve Box GB5 range • Evolve Ogee GY5 range • Aligator Classic GK4 range • Traditional Half Round (4", 4.5" & 5") GC4, GC1 & GC5 ranges • Traditional Moulded (5" & 6") GM5 & GM6 ranges | <ul style="list-style-type: none"> • Evolve 63mm Pipe RT2 ranges • Tudor (63mm & 76mm) TR2 & TR3 ranges • Flushfit 76mm RE3 ranges | <ul style="list-style-type: none"> • Evolve Half Round XGT5 range • Evolve Deepflow XGE5 range • Evolve Box XGB5 range | <ul style="list-style-type: none"> • Flushfit 76mm dia XRE3 range • Flushfit 72x72mm XRJ3 range |

All other standard colour products will be delivered within 10 working days of order except Giant which is 15 working days, for specific enquiries contact projects@marleyalutec.co.uk.

See page 5 for details of our standard colours

Other lead times:

Soffit & Fascia 10 working days
 Coping 20 working days
 Roof outlets 5 working days



CONTACTS

Estimate requests and price enquiries: email: **projects@marleyalutec.co.uk** Tel: **01234 359438**.

Order placement: **orders@marleyalutec.co.uk** Tel: **01234 359438** Fax: **01234 35943** (Orders only accepted by email, post or fax)

Order progression: Tel: **01234 359438**.



Orders received by 3.30pm on normal business days will be processed on the day of receipt.

Orders received after 3.30pm will be processed the next business day.

Please note that the lead time/due date for the order, will be calculated from the date of processing.

Technical enquiries: **technical@marleyalutec.co.uk** Tel: **01234 359438**.

Free estimating tool available at **www.marleyalutec.co.uk/calculators**

Notes



evolve RAINWATER SYSTEMS



traditional RAINWATER SYSTEMS



aligator RAINWATER SYSTEMS



evoke FASCIA, SOFFIT & COPING



elite ROOF OUTLET SYSTEMS

ALUTEC
ALUMINIUM RAINWATER SYSTEMS

Head office

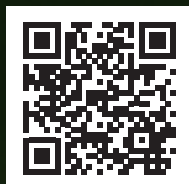
For general enquiries, please call **01234 359438**
For technical enquiries please call **01234 344108**
email: **enquiries@marleyalutec.co.uk**
Fax: **01234 357199**


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