

“Sentinel” Beaded Half Round Gutters

B e a d e d H a l f R o u n d

Composition & Manufacture:

‘Sentinel’ Beaded Half Round Gutters are manufactured from Aluminium alloy 6063 T6 to BS1474: 1972 & the product complies to, or exceeds all relevant standards.

Fittings for the gutters are formed using fabrication methods involving cut, mitre & welding techniques using specially made jig & forming tools.

Finish:

Mill Finish Aluminium or Polyester Powder Coated to a range of BS or RAL Colours.

Model Specification:

ARP heavy grade ‘Sentinel’ Gutters & fittings to BS 2997 (EN612) using 6063 T6 grade extruded aluminium in accordance with BS 1474: 1974. Profile to be Beaded Half Round, size 112mm (2mm), 125mm (2mm), 150mm (3mm).

Materials to have factory applied Polyester Powder Coat to all significant surfaces in accordance with BS EN 122026 Matt/Satin/Gloss* finish, or alternatively plain aluminium Mill Finish. All to be supplied by Aluminium Roofline Products Ltd, Unit 2, Vitruvius Way, Meridian Business Park, Braunstone, Leicester LE19 1WA. Tel 0116 2894400 Fax 0116 2894433.

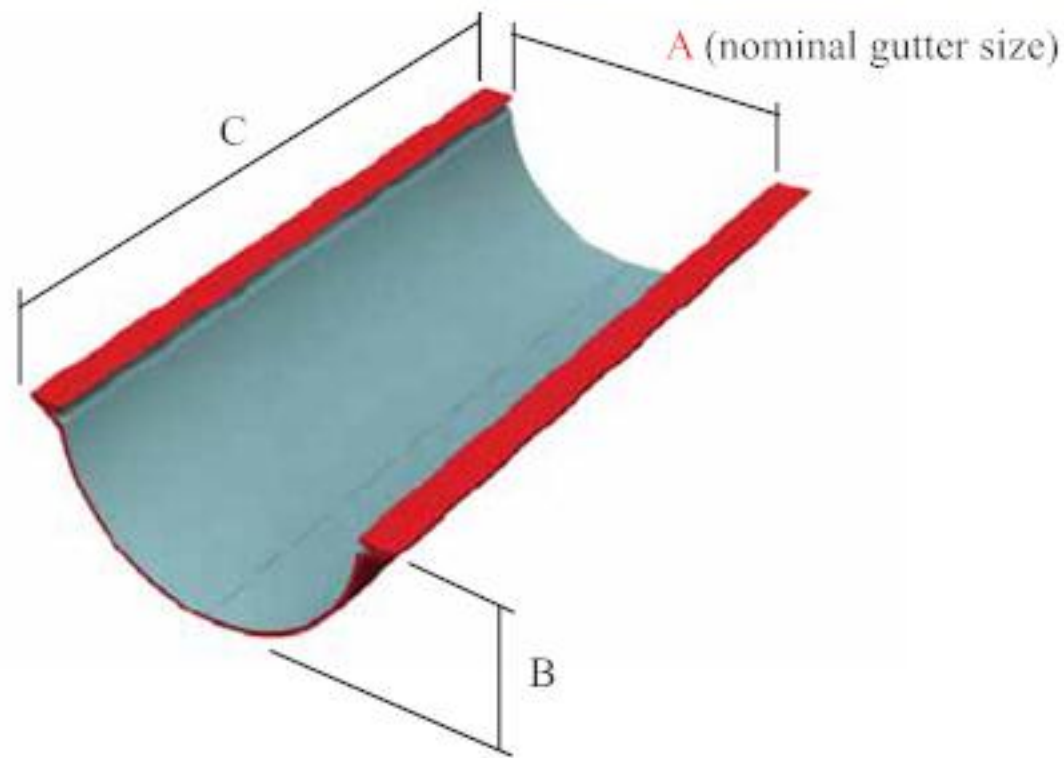
Joints to be snapfit union connector sealed by application of Arbosil 1096 Low Modulus Silicone Sealant in accordance with the manufacturer’s specification & guidelines. Gutter to be fixed by fascia brackets at 750mm centres with supplementary brackets at or near fittings. Fixing for brackets to be 5mm x 25mm countersunk stainless steel screws (dependant on substrate).

* Delete as appropriate



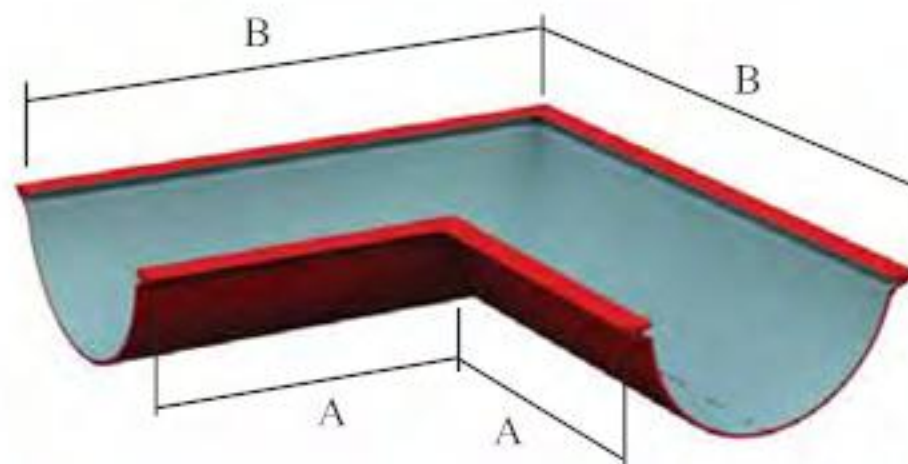
“Sentinel” Beaded Half Round Gutters

Gutter Lengths



A (mm)	B (mm)	Code C=3.0m	Code C=2.5m	Code C=2.0m	Code C=1.0m	Code C=0.5m
114	59	4BHRG3	4BHRG2.5	4BHRG2	4BHRG1	4BHRG0.5
125	65	5BHRG3	5BHRG2.5	5BHRG2	5BHRG1	5BHRG0.5
150	79	6BHRG3	6BHRG2.5	6BHRG2	6BHRG1	6BHRG0.5

Gutter Angles (Universal)



Gutter Size (mm)	Code 90°	A (mm)	B (mm)	Code 135°	A (mm)	B (mm)
114	4BHRA90	150	293	4BHRA135	150	210
125	5BHRA90	150	308	5BHRA135	150	221
150	6BHRA90	150	334	6BHRA135	150	225

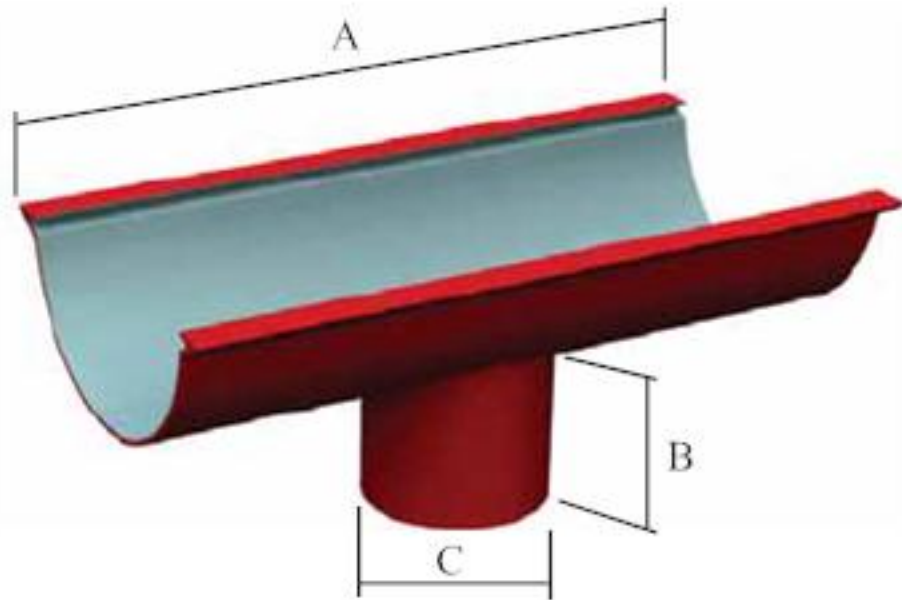
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“Sentinel” Beaded Half Round Gutters

Gutter Outlets



Gutter Size (mm)	A (mm)	B (mm)	Code	Code	Code	Code	Code	Code	Code
			C=63mm Ø	C=76mm Ø	C=101mm Ø	C=63mm Sq	C=76mm Sq	C=101x76 mm	C=101mm Sq
114	300	60	4BHRO2R	4BHRO3R	-	4BHRO2S	4BHRO3S	4BHRO43	-
125	300	60	5BHRO2R	5BHRO3R	5BHRO4R	5BHRO2S	5BHRO3S	5BHRO43	5BHRO4S
150	300	60	6BHRO2R	6BHRO3R	6BHRO4R	6BHRO2S	6BHR03S	6BHR043	6BHRO4S

Gutter Stopends (Universal)



Gutter Size (mm)	A (mm)	Code
114	40	4BHRSE
125	40	5BHRSE
150	40	6BHRSE

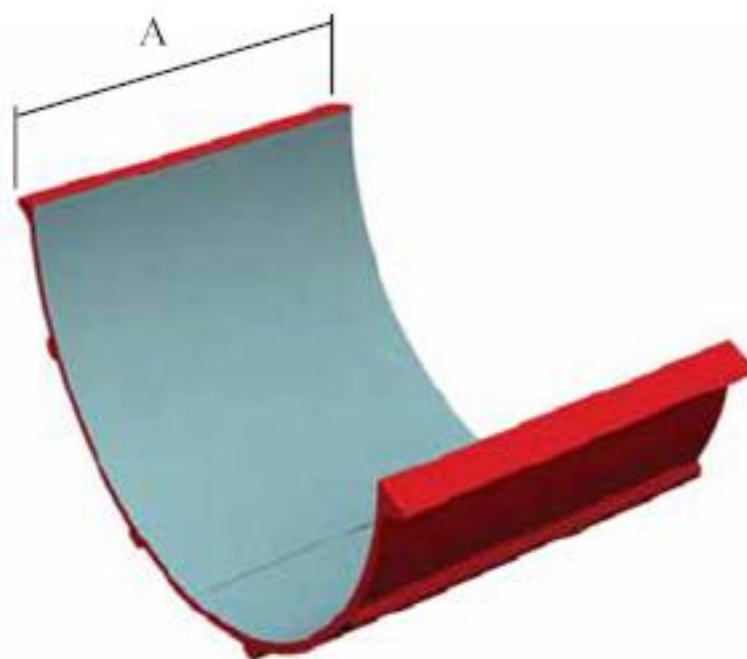
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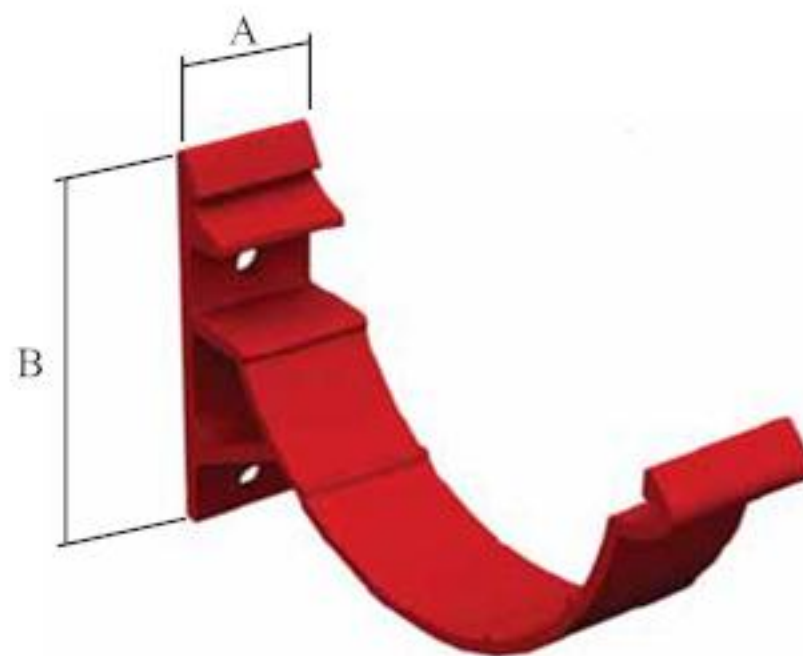
“Sentinel” Beaded Half Round Gutters

Union Connector



Gutter Size (mm)	A (mm)	Code
114	80	4BHRUC
125	80	5BHRUC
150	80	6BHRUC

Fascia Brackets



Gutter Size (mm)	A (mm)	B (mm)	Code
114	30	94	4BHRBF
125	30	94	5BHRBF
150	30	113	6BHRBF

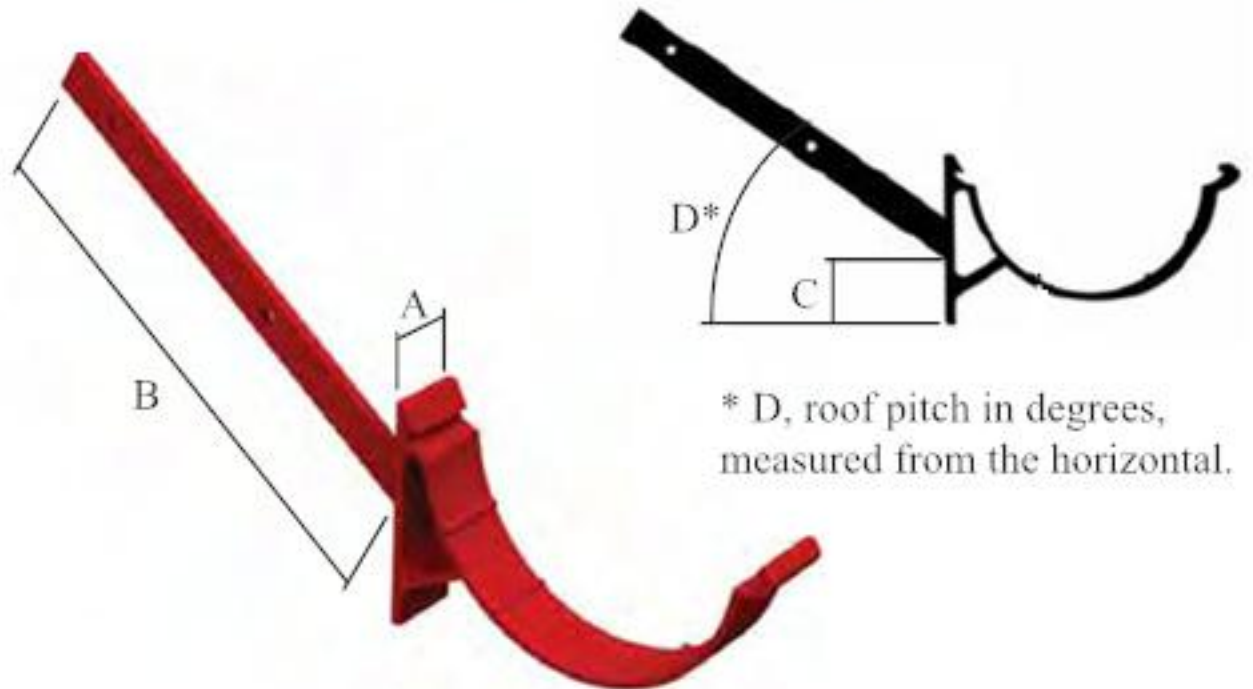
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“Sentinel” Beaded Half Round Gutters

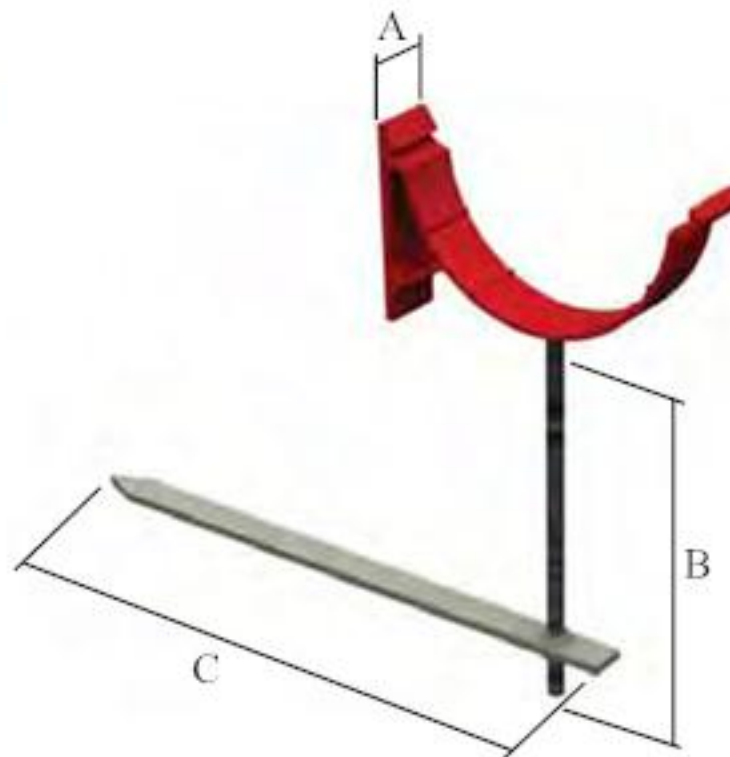
Rafter Bracket



* D, roof pitch in degrees, measured from the horizontal.

Gutter Size (mm)	A (mm)	B (mm)	C (mm)	D °	Code Side Fix	Code Top Fix
114	30	230	37	Specify	4BHRBRS	4BHRBRT
125	30	230	37	Specify	5BHRBRS	5BHRBRT
150	30	230	47	Specify	6BHRBRS	6BHTBRT

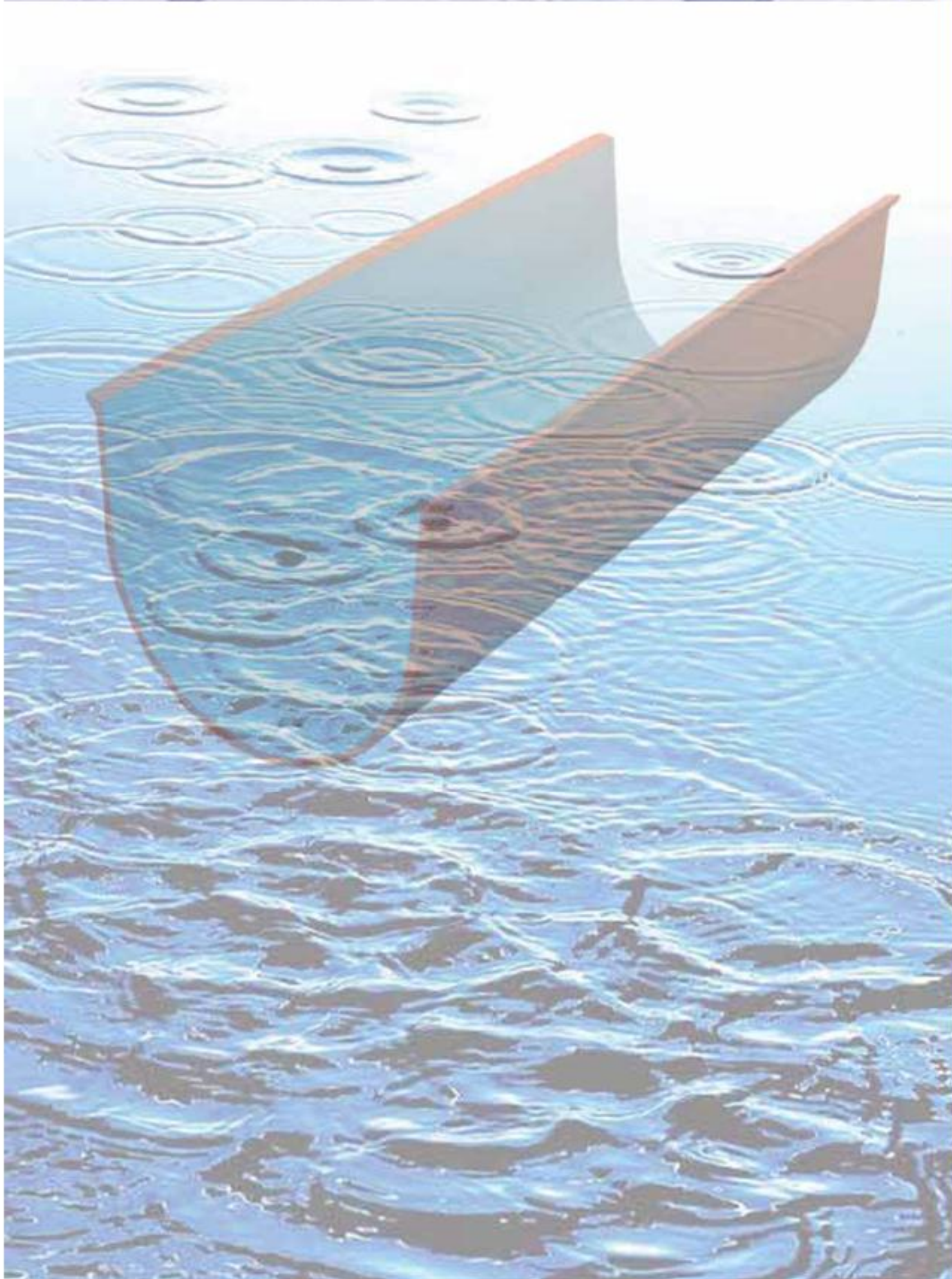
Rise & Fall Bracket



Gutter Size (mm)	A (mm)	B (mm)	C (mm)	Code
114	30	200	330	4BHRBRF
125	30	200	330	5BHRBRF
150	30	200	330	6BHRBRF

“Sentinel”

Plain Deepflow Half Round Gutter



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Web: www.arp-ltd.com

“Sentinel”**Plain Deepflow Half Round Gutter****Description:**

Formed from extruded aluminium & is supplied with a complete range of accessories ie angles, outlets, stopends, fascia brackets. True & Facetted radius gutters are also available.

Installation:

Plain Deepflow gutters have fascia brackets which are set out at 750mm maximum centres no further than 375mm from a joint, please allow one additional bracket per fitting. The fascia brackets should be set out to any pre-determined fall taking note of the position of any fittings such as outlets & angles beforehand, brackets should be fixed using 5mm x 25mm stainless steel countersunk screws (dependant on substrate). See Fig 1. Rafter brackets are also available whose centres may be governed by the roof timbers. Rise & fall brackets driven into the masonry are recommended to be at 600mm maximum centres.

Direct Fixing:

Not applicable to this product



Fig 1.

“Sentinel”

Plain Deepflow Half Round Gutter

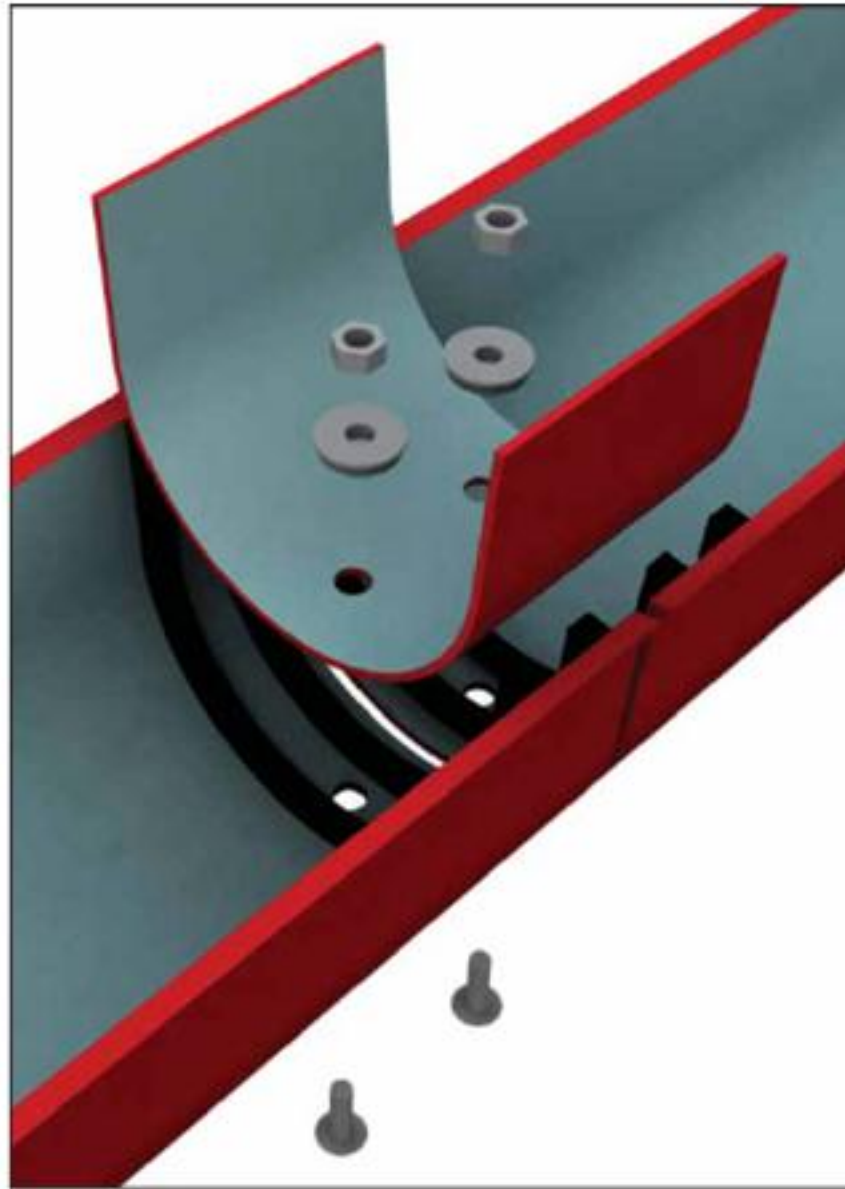


Fig 2.

Jointing:

Aluminium has a coefficient of expansion equal to 0.00002348mm per °C on average, this equates to just over 1.4mm per metre on a temperature range of -20°C to +40°C. Typically a 3mm to 4mm expansion gap between the ends of the gutter sections is advisable.

ARP recommend & supply Arbosil 1096 Low Modulus Silicone sealant & it is essential that this or a direct equivalent is used to seal the joints as this will ensure a strong mechanical bond that withstands the forces associated with thermal movement.

It is important to observe the sealant manufacturers guidelines concerning application & curing during cold or damp weather conditions & that before assembling the joint all surfaces are clean & free from grease, acetone applied with a soft cloth & wiped dry is recommended.

Plain Deepflow gutters have loose internal union connectors that are secured using M6 x 20mm aluminium bolts, neoprene washers & nuts.

Having sited the gutter apply 2 x 6mm beads of Arbosil 1096 Low Modulus Silicone sealant to each side of the joint (Fig 2.). Carefully offer the union connector into position, insert the bolts, applying sealant to the thread & round the slot in the union, fit the washers & nuts, gently tightening until some sealant emerges & leaving a 3mm thick sandwich of sealant between the union connector & the gutter, apply sealant to both sides of joint & tool in. Excess sealant should then be removed. Touch up paint is supplied to touch up all site cut edges.

Deepflow
Half
Round

“Sentinel”**Plain Deepflow Half Round Gutter****Composition & Manufacture:**

‘Sentinel’ Plain Deepflow Gutters are manufactured from Aluminium alloy 6063 T6 to BS1474: 1972 & the product complies to, or exceeds all relevant standards.

Fittings for the gutters are formed using fabrication methods involving cut,mitre & welding techniques using specially made jig & forming tools.

Finish:

Mill Finish Aluminium or Polyester Powder Coated to a range of BS or RAL Colours.

Model Specification:

ARP heavy grade ‘Sentinel’ Gutters & fittings to BS 2997 (EN612) using 6063 T6 grade extruded aluminium in accordance with BS 1474: 1974. Profile to be Plain Deepflow, size 125 x 100mm (2.75mm). Materials to have factory applied Polyester Powder Coat to all significant surfaces in accordance with BS EN 122026 Matt/Satin/Gloss* finish, or alternatively plain aluminium Mill Finish. All to be supplied by Aluminium Roofline Products Ltd, Unit 2, Vitruvius Way, Meridian Business Park, Braunstone, Leicester LE19 1WA. Tel 0116 2894400 Fax 0116 2894433.

Joints to be loose union connector sealed by application of Arbosil 1096 Low Modulus Silicone Sealant & fastened by M6 x 20mm bolts, neoprene washers & nuts in accordance with the manufacturer’s specification & guidelines. Gutter to be fixed by fascia brackets at 750mm centres with supplementary brackets at or near fittings. Fixing for brackets to be 5mm x 25mm stainless steel countersunk screws (dependant on substrate).

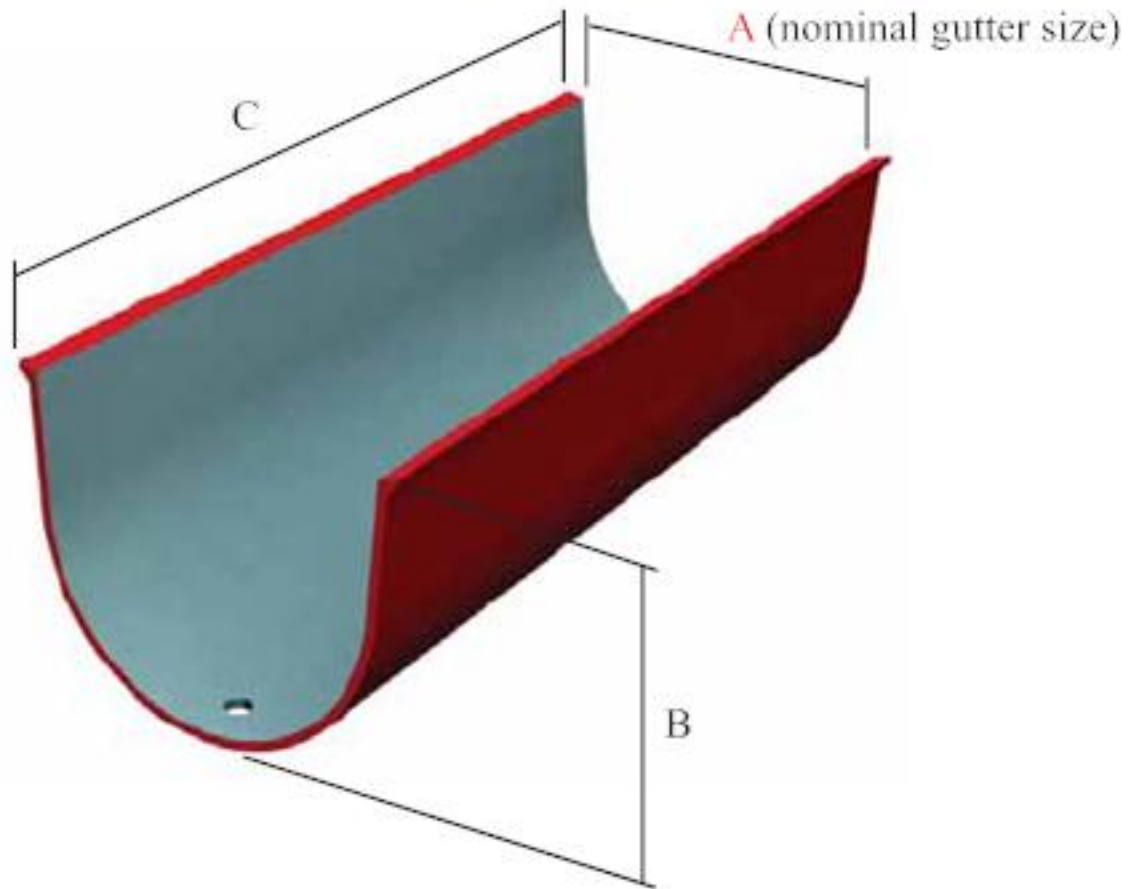
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“Sentinel”

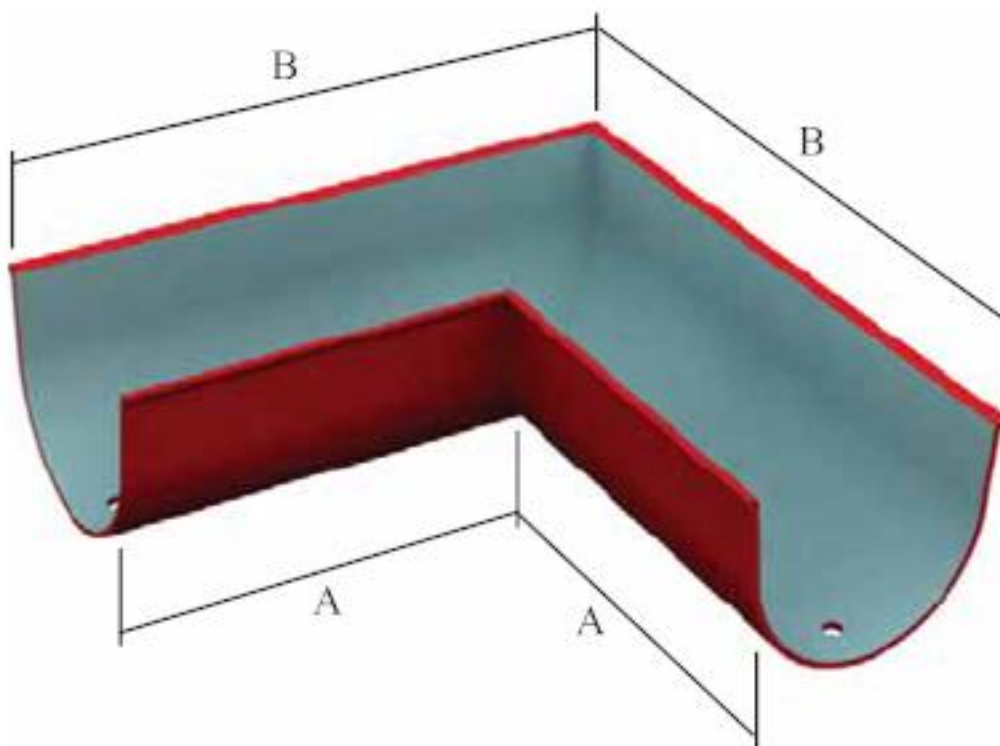
Plain Deepflow Half Round Gutter

Gutter Lengths



A (mm)	B (mm)	Code C=3.0m	Code C=2.5m	Code C=2.0m	Code C=1.0m	Code C=0.5m
125	91	54DHRG3	54DHRG2.5	54DHRG2	54DHRG1	54DHRG0.5

Gutter Angles (Universal)



Gutter Size (mm)	Code	A (mm)	B (mm)	Code	A (mm)	B (mm)
125	54DHRA90	150	275	54DHRA135	150	203

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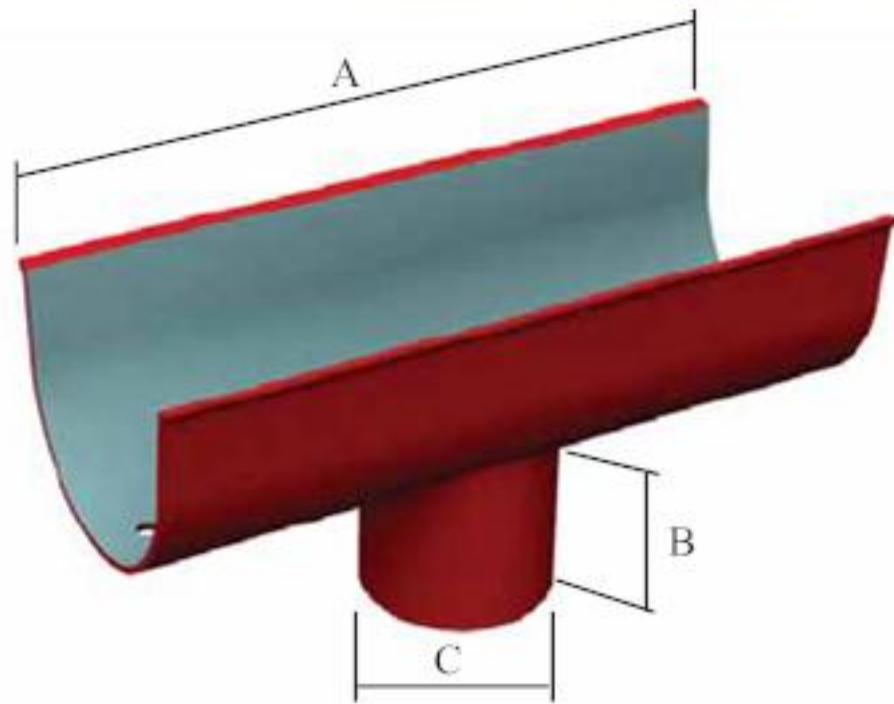
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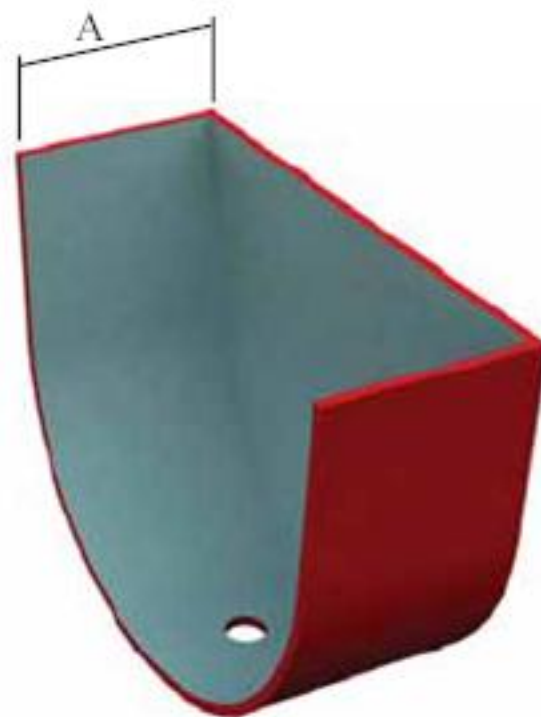
Plain Deepflow Half Round Gutter

Gutter Outlets



Gutter Size	A	B	Code	Code	Code	Code	Code	Code	Code
(mm)	(mm)	(mm)	C=63mm Ø	C=76mm Ø	C=101mm Ø	C=63mm Sq	C=76mm Sq	C=101x76 mm	C=101mm Sq
125	300	60	54DHRO2R	54DHRO3R	54DHRO4R	54DHRO2S	54DHRO3S	54DHRO43	54DHRO4S

Gutter Stopends (Universal)



Gutter Size	A	Code
(mm)	(mm)	
125	40	54DHRSE

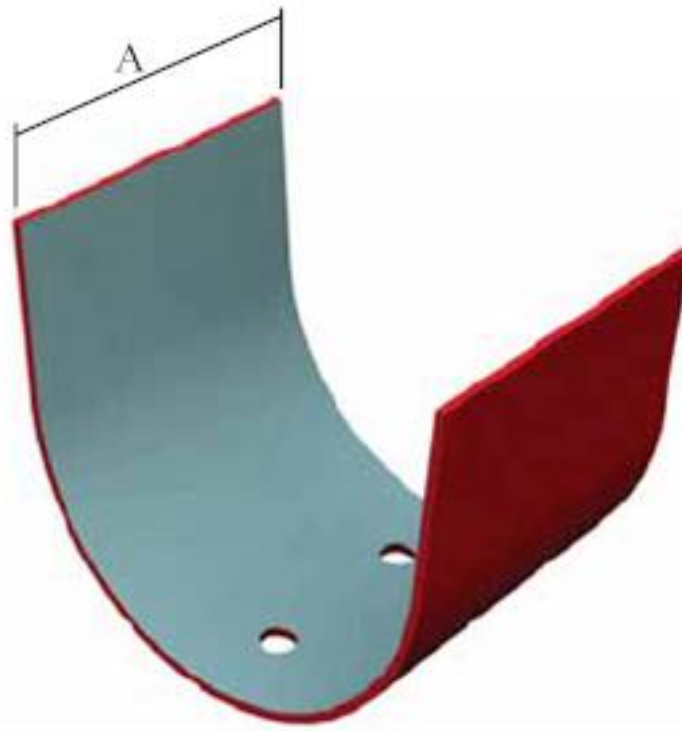
“Sentinel” Plain Deepflow Half Round Gutter

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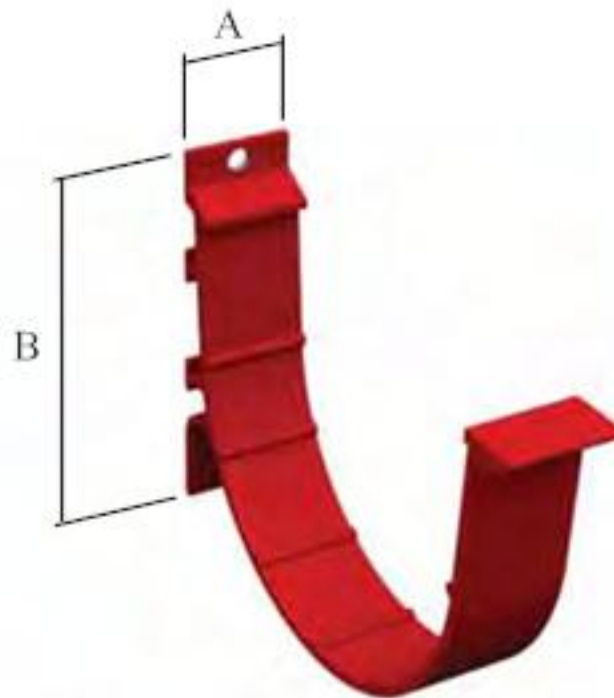
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Union Connectors



Gutter Size (mm)	A (mm)	Code
125	80	54DHRUC

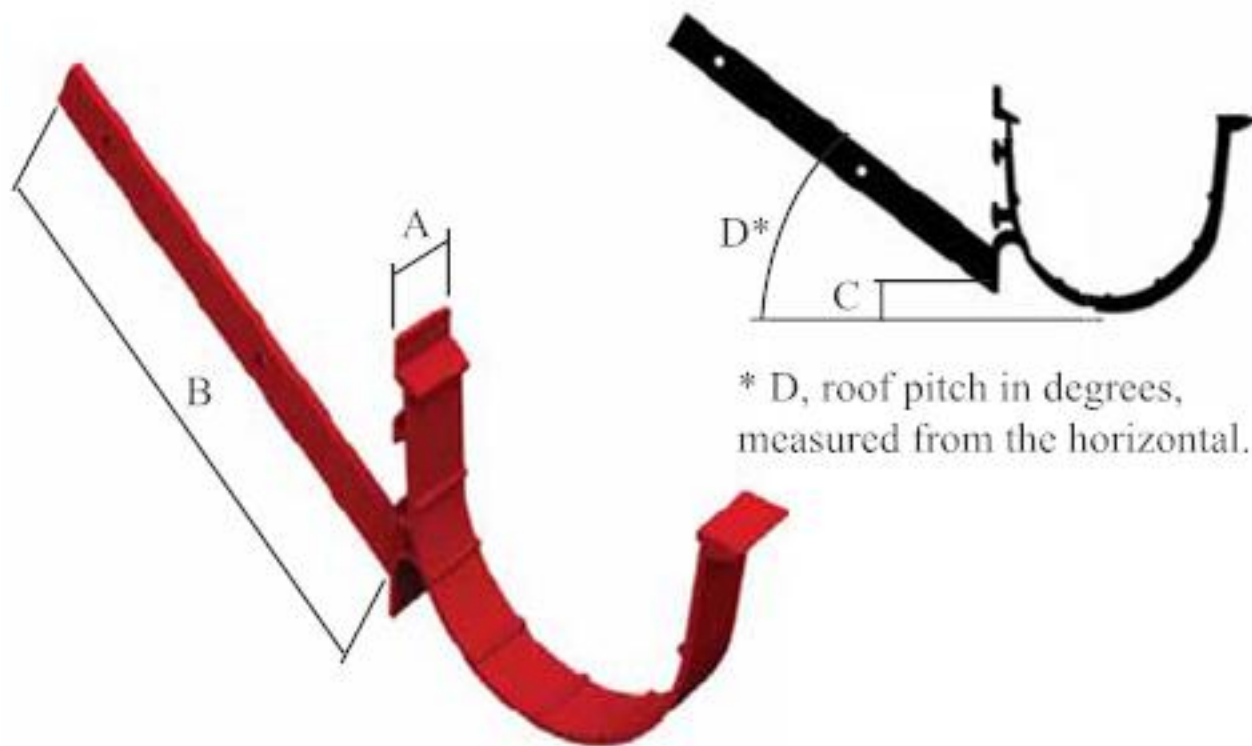
Fascia Brackets



Gutter Size (mm)	A (mm)	B (mm)	Code
125	30	10	54DHRBF

“Sentinel” Plain Deepflow Half Round Gutter

Rafter Bracket



* D, roof pitch in degrees, measured from the horizontal.

Gutter Size (mm)	A (mm)	B (mm)	C (mm)	D	Code	Code
125	30	230	10	Specify	54DHRBRS	54DHRBRT

Rise & Fall Bracket



Gutter Size (mm)	A (mm)	B (mm)	C (mm)	Code
125	30	200	330	54DHRBRF

“Sentinel”
Direct Fix Deepflow Gutter



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LE19 1WA

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“Sentinel” Direct Fix Deepflow Gutter

Description:

Formed from extruded aluminium & is supplied with a complete range of accessories ie angles, outlets, stopends..
Facetted radius gutters are also available.

Installation:

Direct Fix Deepflow gutters are pre-drilled on the rear upstand at 750mm centres. The gutter should be set out to any pre-determined fall taking note of the position of any fittings such as outlets & angles beforehand & fixed back using 5mm x 25mm stainless steel countersunk screws (dependant on substrate). See Fig 1.

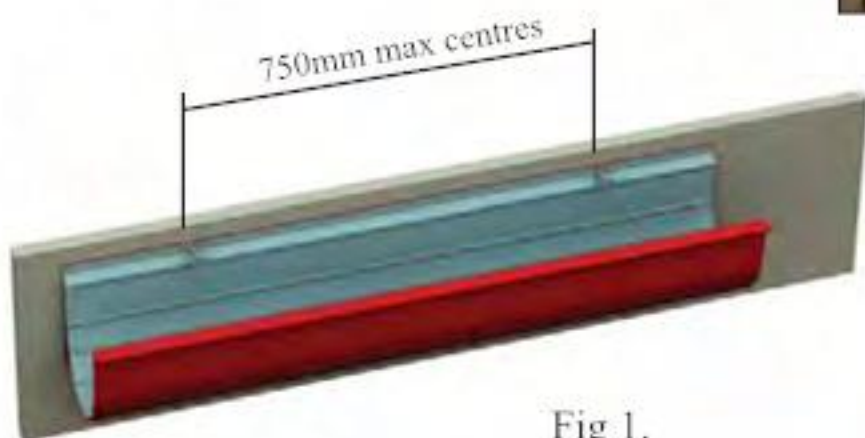


Fig 1.

“Sentinel” Direct Fix Deepflow Gutter

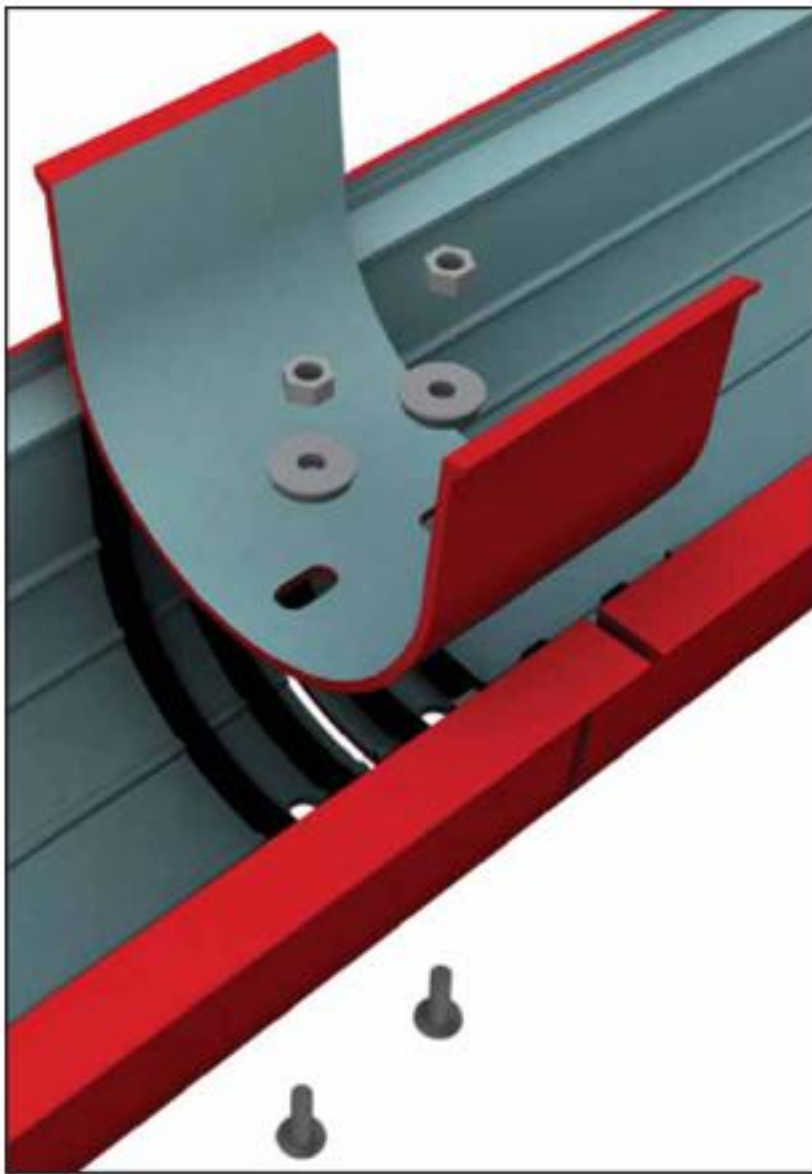


Fig 2.

Jointing:

Aluminium has a coefficient of expansion equal to 0.00002348mm per °C on average, this equates to just over 1.4mm per metre on a temperature range of -20°C to +40°C. Typically a 3mm to 4mm expansion gap between the ends of the gutter sections is advisable.

ARP recommend & supply Arbosil 1096 Low Modulus Silicone sealant & it is essential that this or a direct equivalent is used to seal the joints as this will ensure a strong mechanical bond that withstands the forces associated with thermal movement.

It is important to observe the sealant manufacturers guidelines concerning application & curing during cold or damp weather conditions & that before assembling the joint all surfaces are clean & free from grease, acetone applied with a soft cloth & wiped dry is recommended.

Direct Fix Deepflow gutters have loose internal union connectors that are secured using M6 x 20mm aluminium bolts, neoprene washers & nuts.

Having sited the gutter apply 2 x 6mm beads of Arbosil 1096 Low Modulus Silicone sealant to each side of the joint (Fig 2.). Carefully offer the union connector into position, insert the bolts, applying sealant to the thread & round the slot in the union, fit the washers & nuts, gently tightening until some sealant emerges & leaving a 3mm thick sandwich of sealant between the union connector & the gutter, apply sealant to both sides of joint & tool in. Excess sealant should then be removed. Touch up paint is supplied to touch up all site cut edges.

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“Sentinel”**Direct Fix Deepflow Gutter****Composition & Manufacture:**

‘Sentinel’ Direct Fix Deepflow Gutters are manufactured from Aluminium alloy 6063 T6 to BS1474: 1972 & the product complies to, or exceeds all relevant standards.

Fittings for the gutters are formed using fabrication methods involving cut, mitre & welding techniques using specially made jig & forming tools.

Finish:

Mill Finish Aluminium or Polyester Powder Coated to a range of BS or RAL Colours.

Model Specification:

ARP heavy grade ‘Sentinel’ Gutters & fittings to BS 2997 (EN612) using 6063 T6 grade extruded aluminium in accordance with BS 1474: 1974. Profile to be Direct Fix Deepflow, size 125 x 100mm (2.75mm). Materials to have factory applied Polyester Powder Coat to all significant surfaces in accordance with BS EN 122026 Matt/Satin/Gloss* finish, or alternatively plain aluminium Mill Finish. All to be supplied by Aluminium Roofline Products Ltd, Unit 2, Vitruvius Way, Meridian Business Park, Braunstone, Leicester LE19 1WA. Tel 0116 2894400 Fax 0116 2894433.

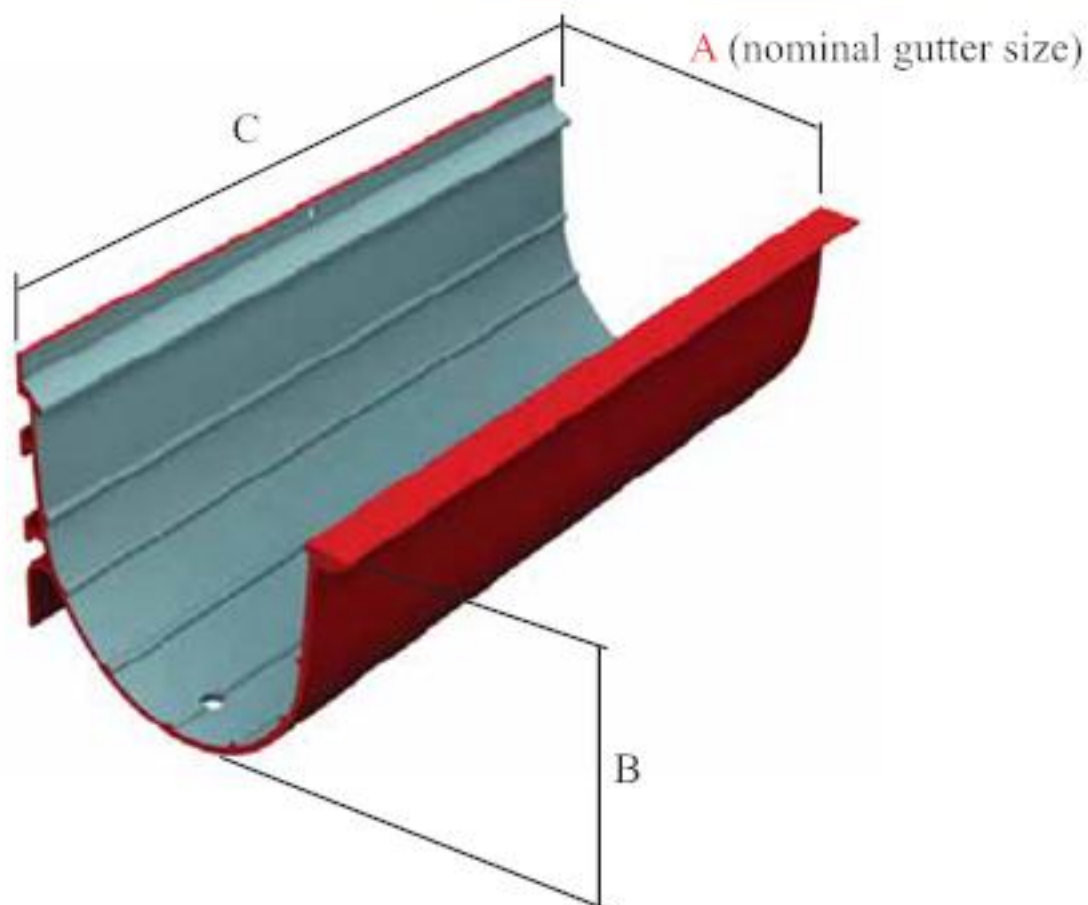
Joints to be loose union connector sealed by application of Arbosil 1096 Low Modulus Silicone Sealant & fastened by M6 x 20mm bolts, neoprene washers & nuts in accordance with the manufacturer’s specification & guidelines. Gutter to be fixed by fascia brackets at 750mm centres with supplementary brackets at or near fittings. Fixing for brackets to be 5mm x 25mm countersunk stainless steel screws (dependant on substrate).

* Delete as appropriate



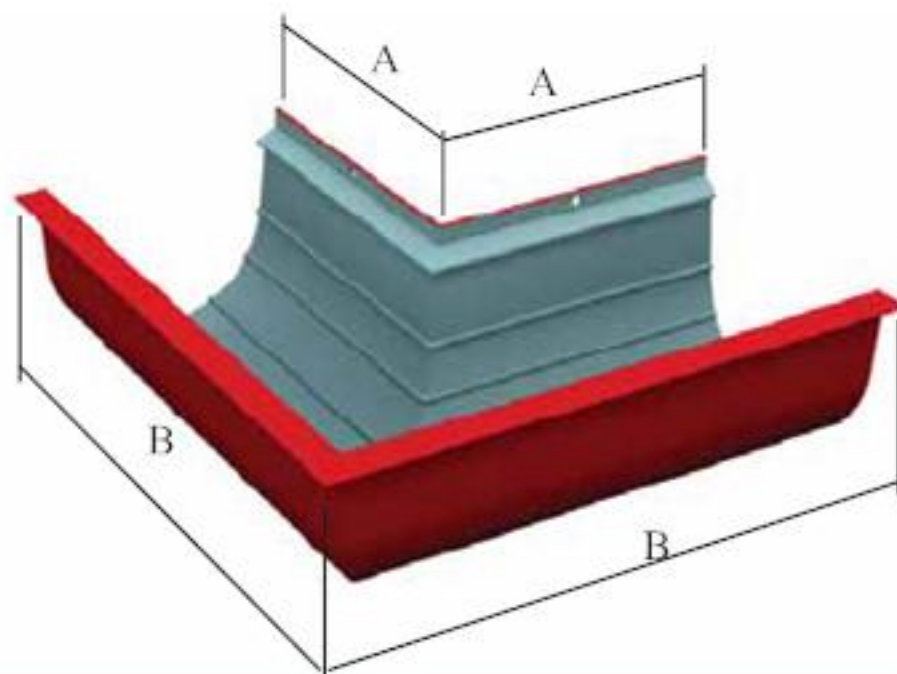
“Sentinel” Direct Fix Deepflow Gutter

Gutter Lengths



A (mm)	B (mm)	Code C=3.0m	Code C=2.5m	Code C=2.0m	Code C=1.0m	Code C=0.5m
125	91	54DFHRG3	54DFHRG2.5	54DFHRG2	54DFHRG1	54DFHRG0.5

Gutter Angles



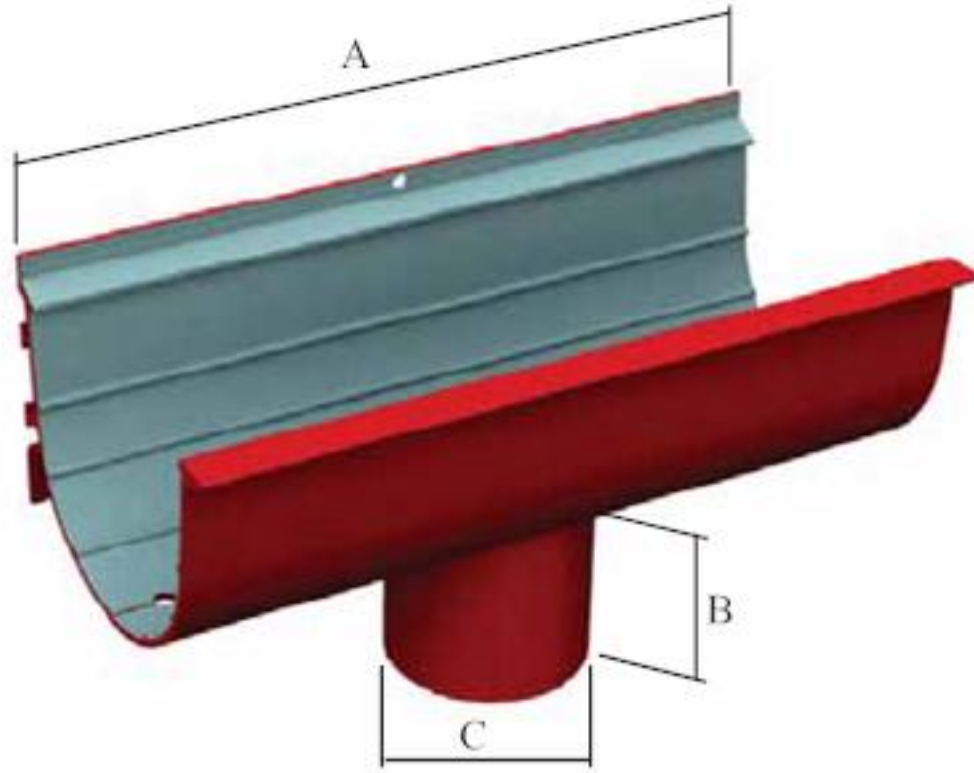
Gutter Size (mm)	Code	A (mm)	B (mm)	Code	A (mm)	B (mm)
125	90° External 54DFHRAX90	150	300	135° External 54DFHRAX135	150	215

Gutter Size (mm)	Code	A (mm)	B (mm)	Code	A (mm)	B (mm)
125	90° Internal 54DFHRAI90	300	150	135° Internal 54DFHRAI135	300	150

Direct Fix Deepflow

“Sentinel” Direct Fix Deepflow Gutter

Gutter Outlets



Gutter Size (mm)	A (mm)	B (mm)	Code	Code	Code	Code	Code	Code	Code
125	300	60	C=63mm Ø	C=76mm Ø	C=101mm Ø	C=63mm Sq	C=76mm Sq	C=101x76 mm	C=101mm Sq
			54DFHRO2R	54DFHRO3R	54DFHRO4R	54DFHRO2S	54DFHRO3S	54DFHRO43	54DFHRO4S

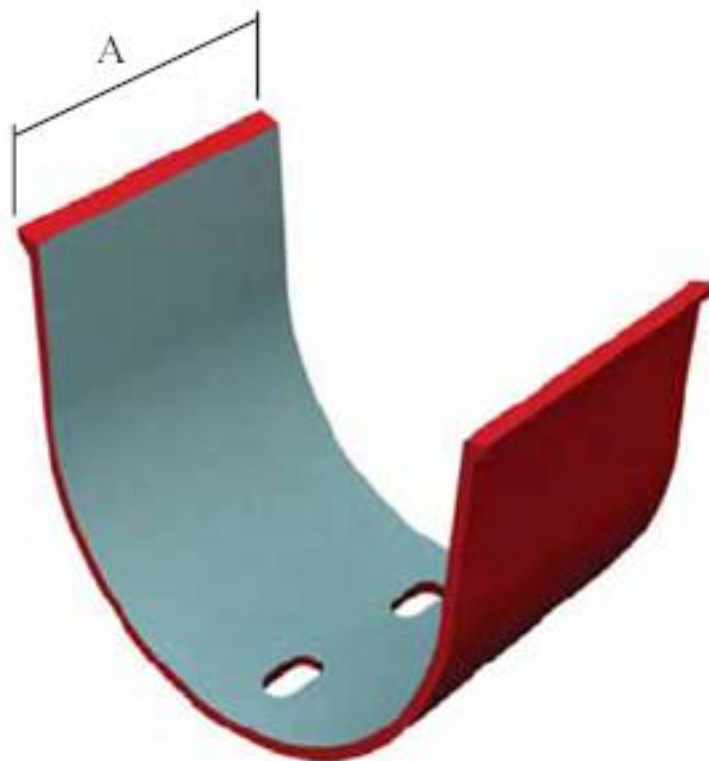
Gutter Stopends (Universal)



Gutter Size (mm)	A (mm)	Code
125	40	54DFHRSE

Direct Fix Deepflow

“Sentinel” Direct Fix Deepflow Gutter



Gutter Size (mm)	A (mm)	Code
125	80	54DFHRUC

Direct Fix Deepflow

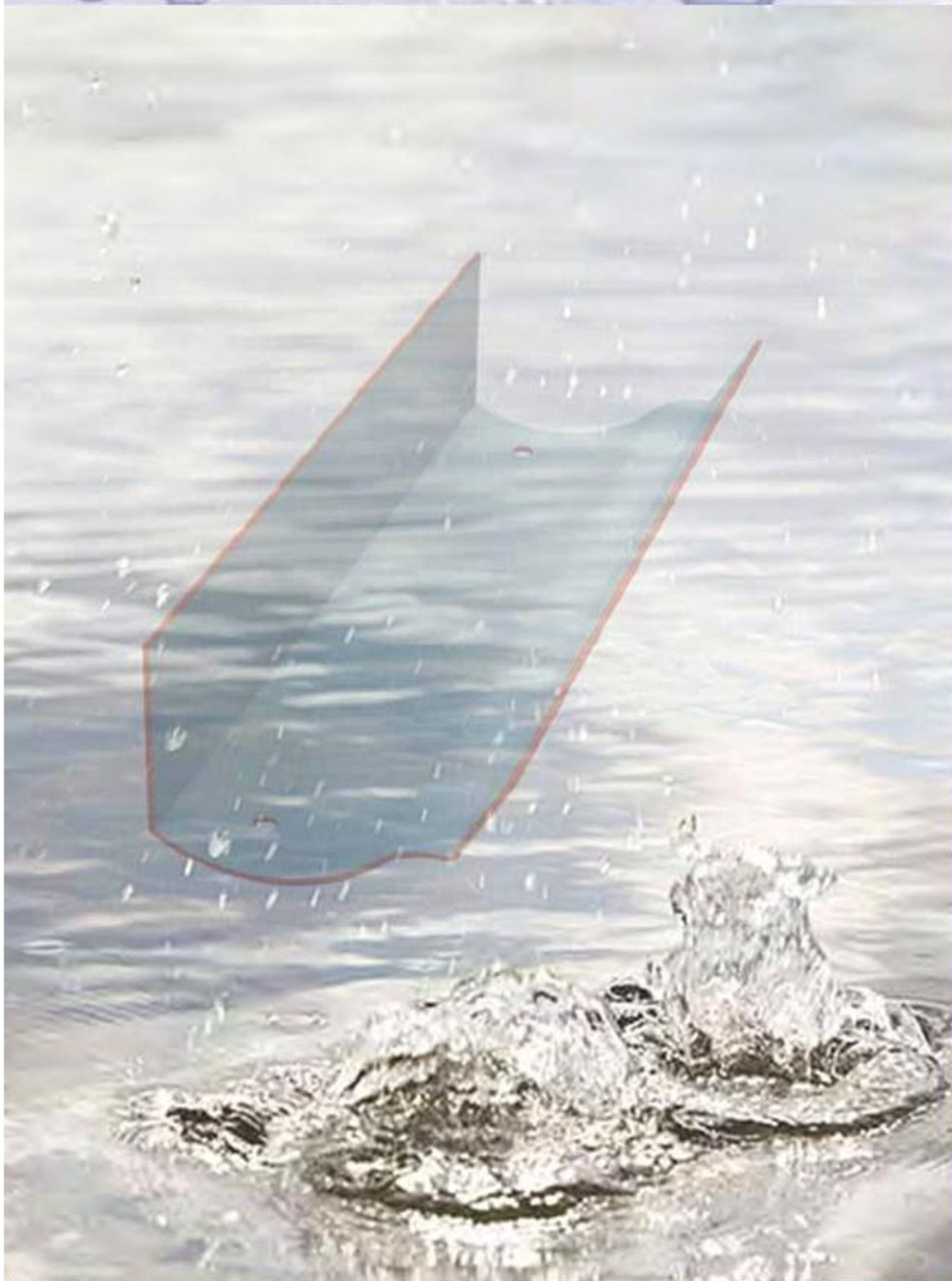
A banner containing the ARP logo and contact details. The logo features the letters "ARP" in a bold, stylized font with "ALUMINIUM ROOFLINE PRODUCTS" written below it. To the right of the logo, the company's address, telephone, fax, email, and website are listed.

Unit 2, Vitruvius Way
Meridian Business Park
Braunstone
Leicester
LE19 1WA

Tel: 0116 2894400 Fax: 0116 2894433

E-mail: sales@arp-ltd.com Web: www.arp-ltd.com

“Sentinel”
Traditional Ogee Gutter



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Meridian Business Park
Braunstone
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LE19 1WA

Tel: 0116 2894400

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E-mail: sales@arp-ltd.com

Web: www.arp-ltd.com

“Sentinel” Traditional Ogee Gutter

Description:

Formed from extruded aluminium & is supplied with a complete range of accessories ie angles, outlets, stopends, fascia brackets. True & Facetted radius gutters are also available.

Installation:

Traditional Ogee gutters have fascia brackets which are set out at 750mm maximum centres no further than 375mm from a joint. Please allow one extra bracket per fitting. The fascia brackets should be set out to any pre-determined fall taking note of the position of any fittings such as outlets & angles beforehand, brackets should be fixed using 5mm x 25mm stainless steel countersunk screws (dependant on substrate). See Fig 1.

Rafter brackets are also available whose centres may be governed by the roof timbers. Rise & fall brackets driven into the masonry are recommended to be at 600mm maximum centres.

Direct Fixing:

Not applicable for this product.

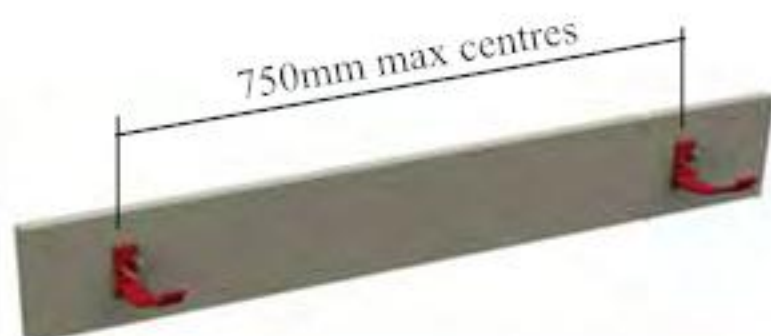


Fig 1.



“Sentinel” Traditional Ogee Gutter

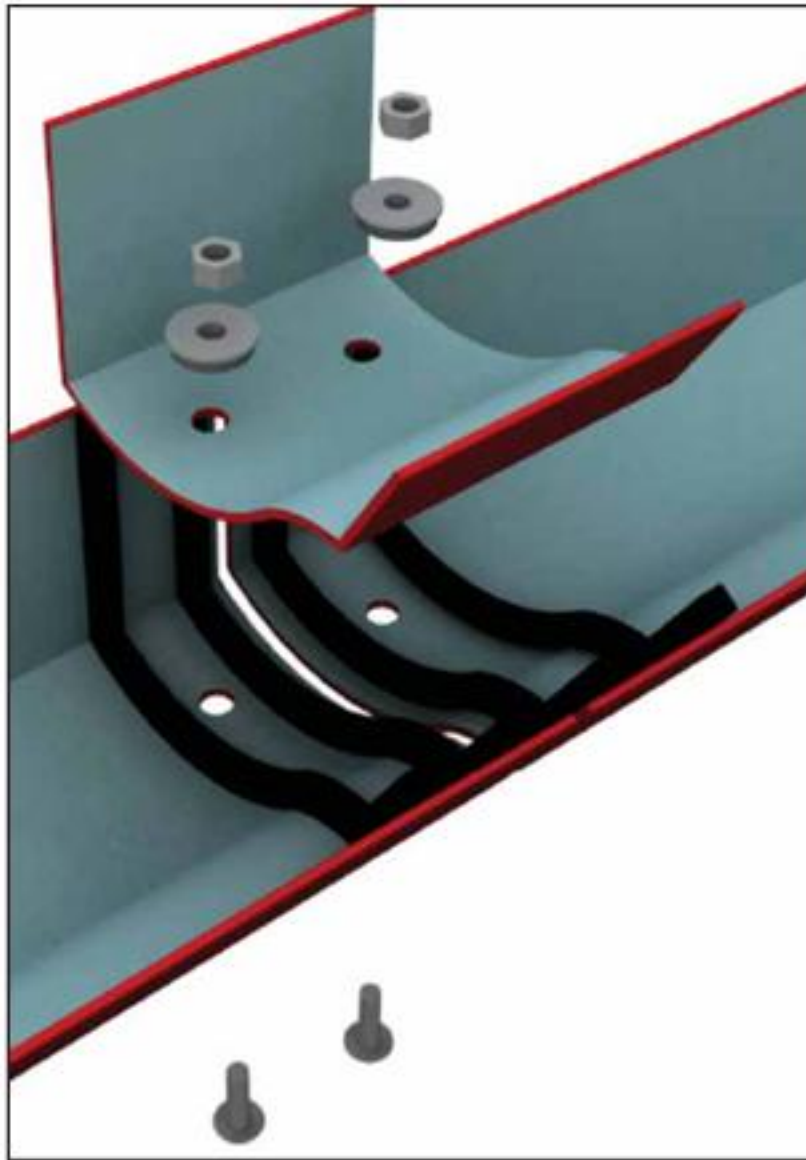


Fig 2.

Jointing:

Aluminium has a coefficient of expansion equal to 0.00002348mm per °C on average, this equates to just over 1.4mm per metre on a temperature range of -20°C to +40°C. Typically a 3mm to 4mm expansion gap between the ends of the gutter sections is advisable.

ARP recommend & supply Arbosil 1096 Low Modulus Silicone sealant & it is essential that this or a direct equivalent is used to seal the joints as this will ensure a strong mechanical bond that withstands the forces associated with thermal movement.

It is important to observe the sealant manufacturers guidelines concerning application & curing during cold or damp weather conditions & that before assembling the joint all surfaces are clean & free from grease, acetone applied with a soft cloth & wiped dry is recommended.

Traditional Ogee gutters have loose internal union connectors that are secured using M6 x 20mm aluminium bolts, neoprene washers & nuts.

Having sited the gutter apply 2 x 6mm beads of Arbosil 1096 Low Modulus Silicone sealant to each side of the joint (Fig 2.). Carefully offer the union connector into position, insert the bolts, applying sealant to the thread & round the slot in the union, fit the washers & nuts, gently tightening until some sealant emerges & leaving a 3mm thick sandwich of sealant between the union connector & the gutter, apply sealant to both sides of joint & tool in. Excess sealant should then be removed. Touch up paint is supplied to touch up all site cut edges.

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“Sentinel” Traditional Ogee Gutter

Composition & Manufacture:

‘Sentinel’ Traditional Ogee gutters are manufactured from Aluminium alloy 6063 T6 to BS1474: 1972 & the product complies to, or exceeds all relevant standards.

Fittings for the gutters are formed using fabrication methods involving cut, mitre & welding techniques using specially made jig & forming tools.

Finish:

Mill Finish Aluminium or Polyester Powder Coated to a range of BS or RAL Colours.

Model Specification:

ARP heavy grade ‘Sentinel’ Gutters & fittings to BS 2997 (EN612) using 6063 T6 grade extruded aluminium in accordance with BS 1474: 1974. Profile to be Traditional Ogee 114 mm (2mm) Materials to have factory applied Polyester Powder Coat to all significant surfaces in accordance with BS EN 122026 Matt/Satin/Gloss* finish, or alternatively plain aluminium Mill Finish. All to be supplied by Aluminium Roofline Products Ltd, Unit 2, Vitruvius Way, Meridian Business Park, Braunstone, Leicester LE19 1WA. Tel 0116 2894400 Fax 0116 2894433.

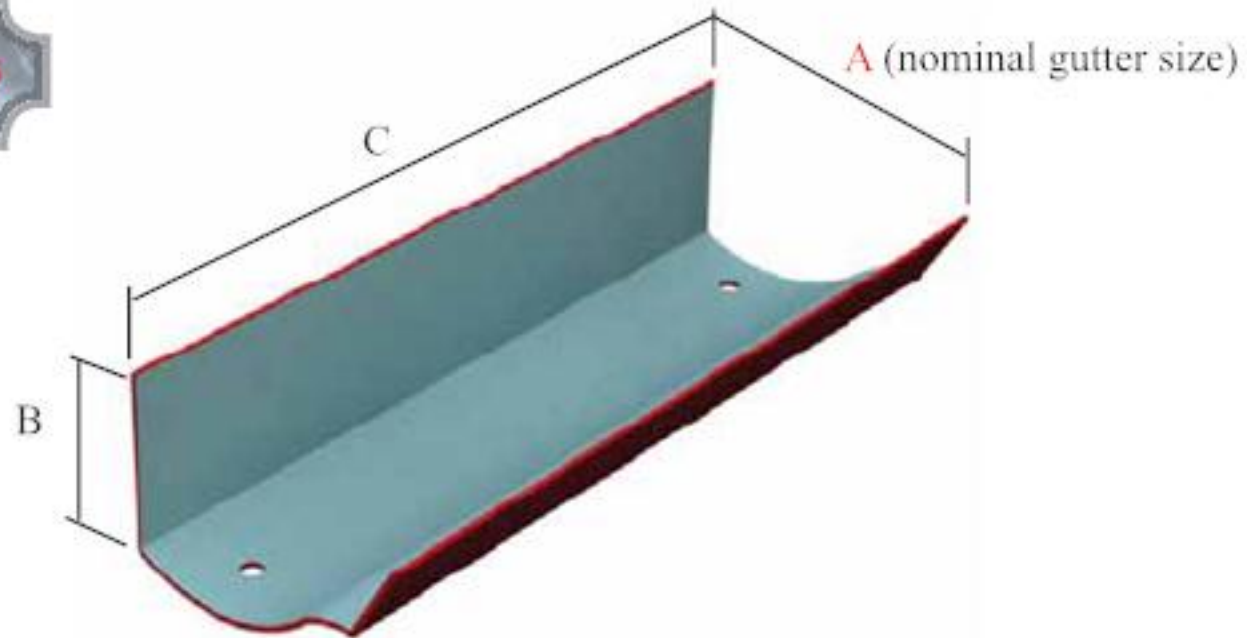
Joints to be loose union connector sealed by application of Arbosil 1096 Low Modulus Silicone Sealant & fastened by M6 x 20mm bolts, neoprene washers & nuts in accordance with the manufacturer’s specification & guidelines. Gutter to be fixed by fascia brackets at 750mm centres with supplementary brackets at or near fittings. Fixing for brackets to be 5mm x 25mm countersunk stainless steel screws (dependant on substrate).

* Delete as appropriate



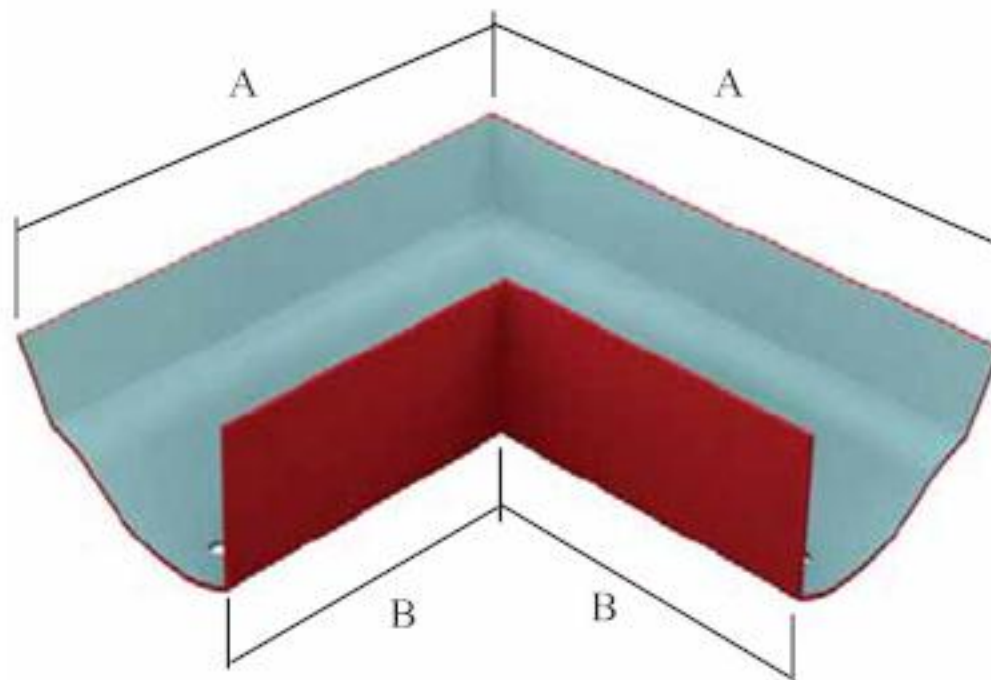
“Sentinel” Traditional Ogee Gutter

Gutter Lengths



A (mm)	B (mm)	Code	Code	Code	Code	Code
114	70	C=3.0m	C=2.5m	C=2.0m	C=1.0m	C=0.5m
		4TOG3	4TOG2.5	4TOG2	4TOG1	4TOG0.5

Gutter Angles



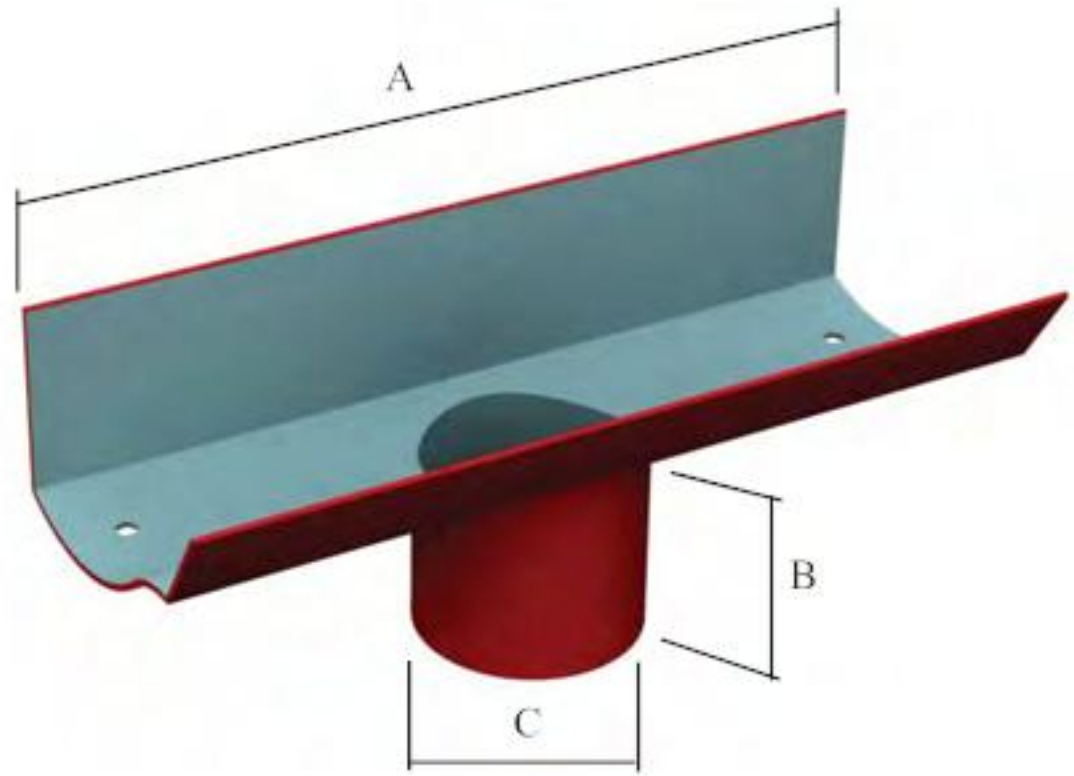
Gutter Size (mm)	Code	A (mm)	B (mm)	Code	A (mm)	B (mm)
114	90° External	275	150	90° Internal	150	275
	4TOAX90			4TOAI90		

Gutter Size (mm)	Code	A (mm)	B (mm)	Code	A (mm)	B (mm)
114	135° External	205	150	135° Internal	150	205
	4TOAX135			4TOAI135		

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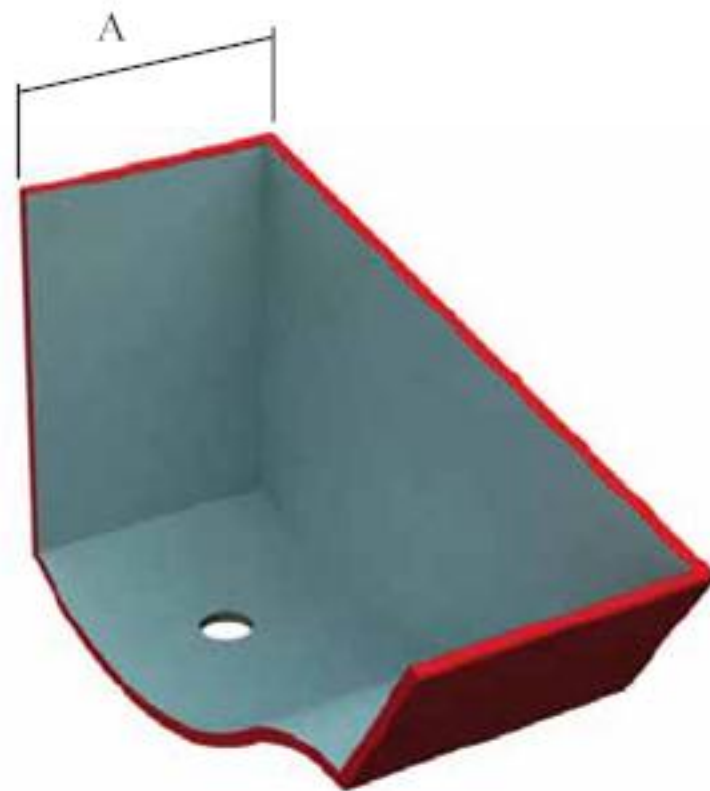
“Sentinel” Traditional Ogee Gutter

Gutter Outlets



Gutter Size (mm)	A (mm)	B (mm)	Code	Code	Code	Code	Code	Code	Code
114	300	60	C=63mm Ø	C=76mm Ø	C=101mm Ø	C=63mm Sq	C=76mm Sq	C=101x76 mm	C=101mm Sq
			4TOO2R	4TOO3R	4TOO4R	4TOO2S	4TOO3S	4TOO4S	4TOO4S

Gutter Stopends

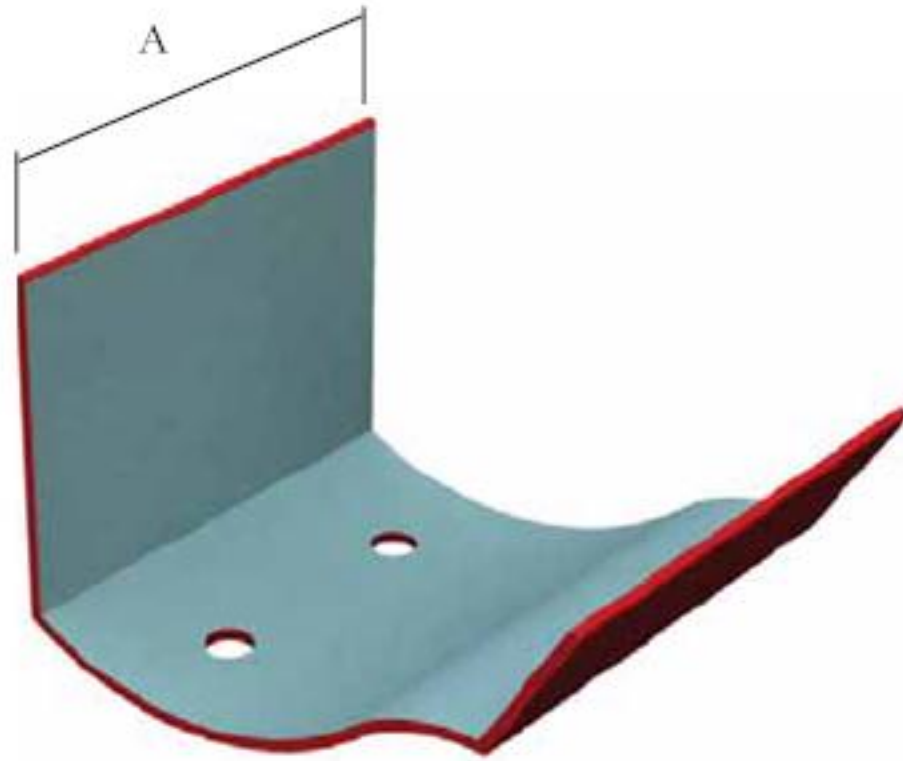


Gutter Size (mm)	A (mm)	Code	Code
114	40	L/H	R/H
		4TOSEL	4TOSER

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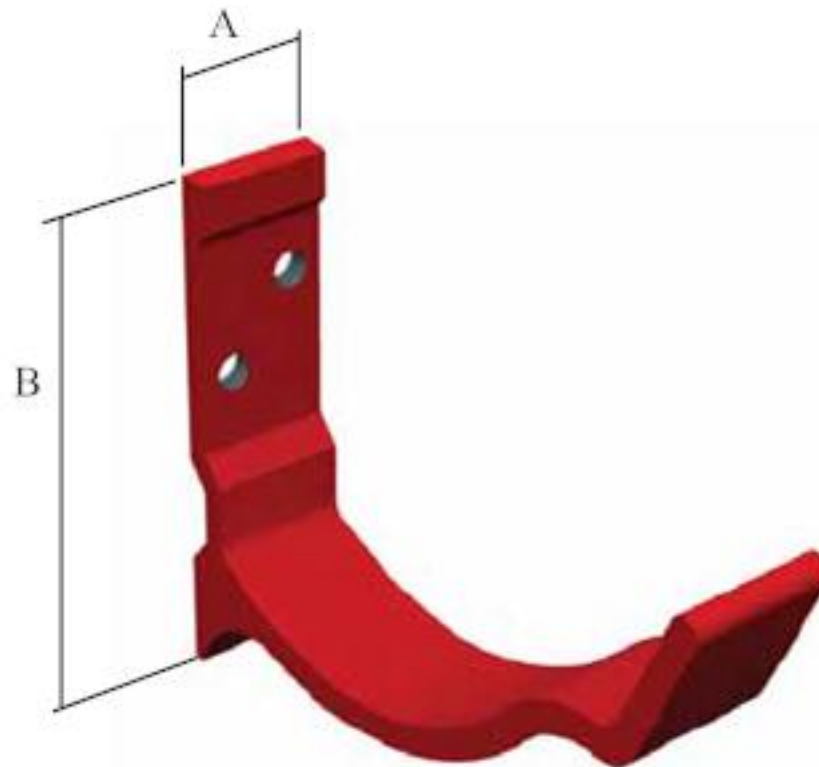
“Sentinel” Traditional Ogee Gutter

Union Connectors



Gutter Size (mm)	A (mm)	Code
114	80	4TOUC

Fascia Brackets



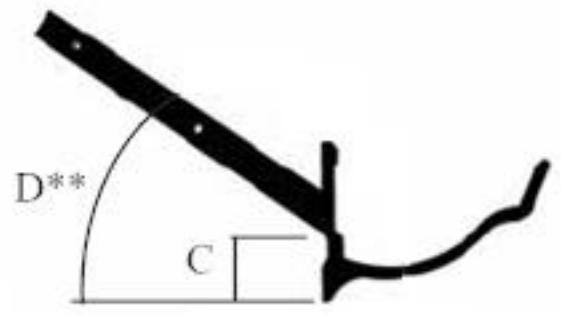
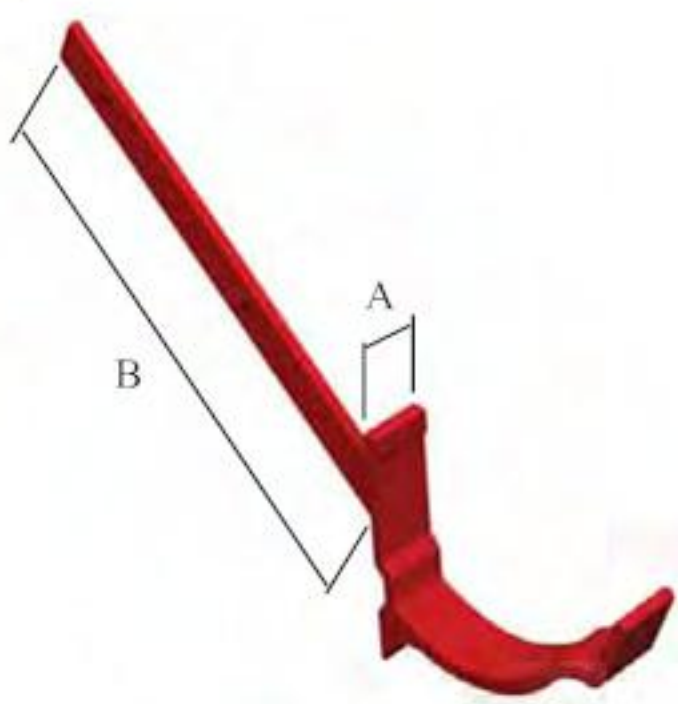
Gutter Size (mm)	A (mm)	B (mm)	Code
114	30	90	4TOBF

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“Sentinel” Traditional Ogee Gutter

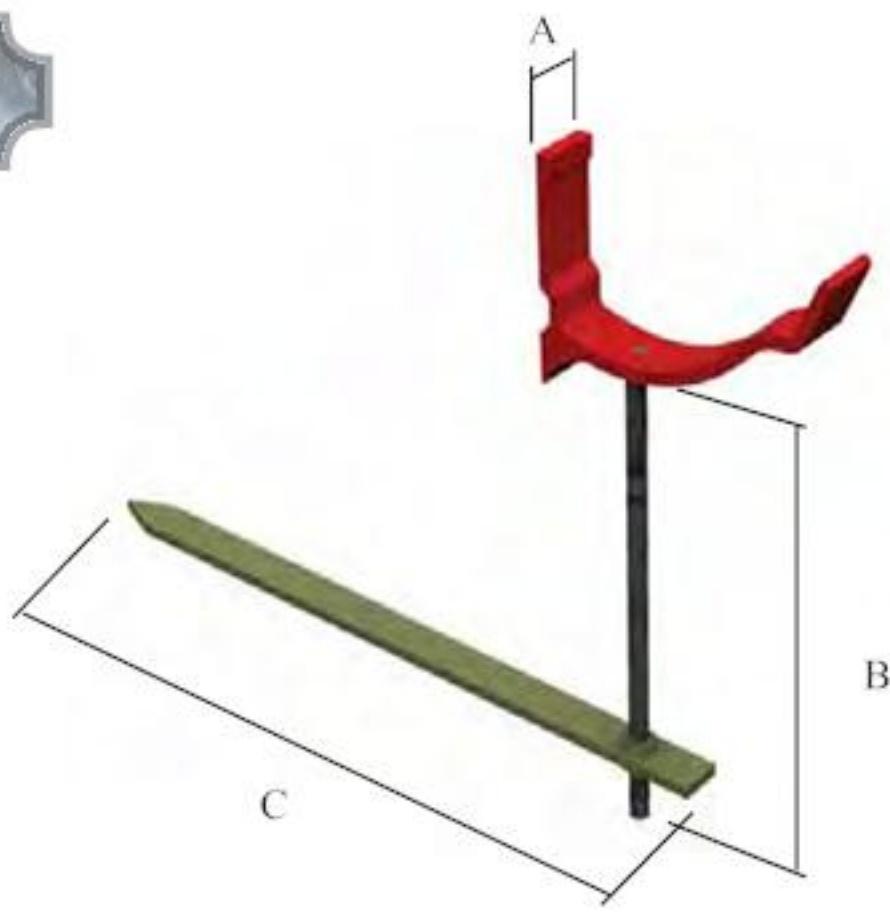
Rafter Bracket



* C, Variable, please specify.
** D, roof pitch in degrees, measured from the horizontal.

Gutter Size	A	B	C*	D	Code	Code
(mm)	(mm)	(mm)	(mm)	°	Side Fix	Top Fix
114	30	230	38	Specify	4TOBRS	4TOBRT

Rise & Fall Bracket



Gutter Size	A	B	C	Code
(mm)	(mm)	(mm)	(mm)	
114	30	200	330	4TOBRFS

“Sentinel”
Vintage O.G. Gutter



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“Sentinel” Vintage O.G. Gutter

Description:

Formed from extruded aluminium & is supplied with a complete range of accessories ie angles, outlets, stopends, fascia brackets. True & Facetted radius gutters are also available.

Installation:

Vintage O.G. gutters have fascia brackets which are set out at 750mm maximum centres no further than 375mm from a joint, please allow one extra bracket per fitting. The fascia brackets should be set out to any pre-determined fall taking note of the position of any fittings such as outlets & angles beforehand, brackets should be fixed using 5mm x 25mm stainless steel countersunk screws (dependant on substrate). See Fig 1.

Rafter brackets are also available whose centres may be governed by the roof timbers. Rise & fall brackets driven into the masonry are recommended to be at 600mm maximum centres.

Direct Fixing:

Gutters are pre-drilled on the rear upstand at 750mm centres. The gutter should be set out as above.

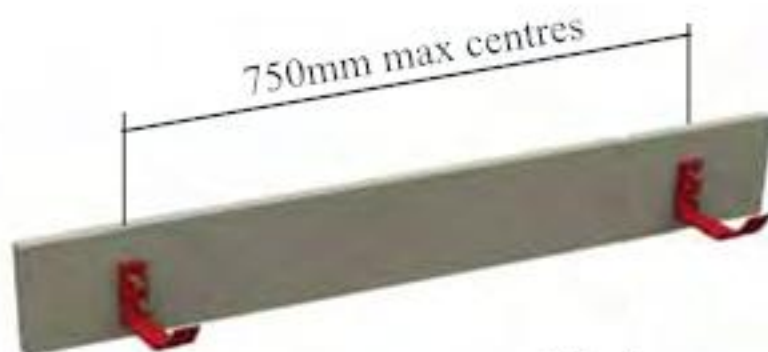


Fig 1.



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“Sentinel” Vintage O.G. Gutter

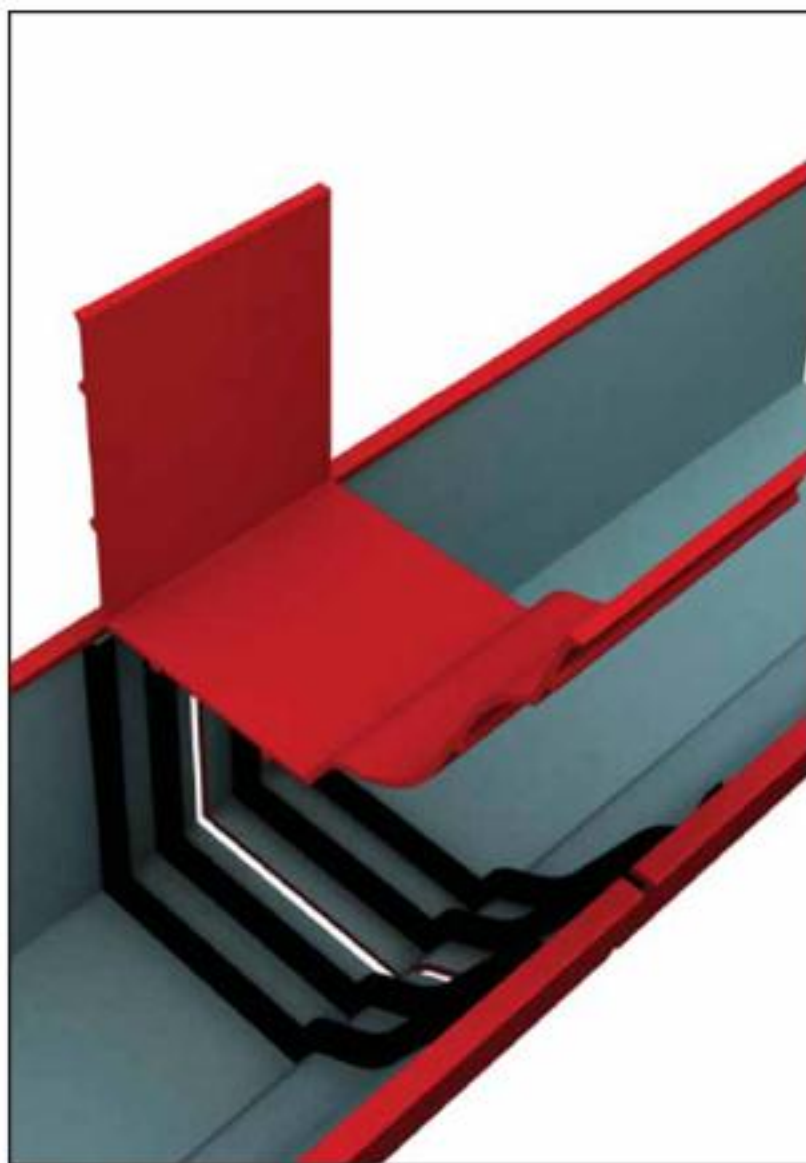


Fig 2.

Jointing:

Aluminium has a coefficient of expansion equal to 0.00002348mm per °C on average, this equates to just over 1.4mm per metre on a temperature range of -20°C to +40°C. Typically a 3mm to 4mm expansion gap between the ends of the gutter sections is advisable.

ARP recommend & supply Arbosil 1096 Low Modulus Silicone sealant & it is essential that this or a direct equivalent is used to seal the joints as this will ensure a strong mechanical bond that withstands the forces associated with thermal movement.

It is important to observe the sealant manufacturers guidelines concerning application & curing during cold or damp weather conditions & that before assembling the joint all surfaces are clean & free from grease, acetone applied with a soft cloth & wiped dry is recommended.

Vintage O.G. gutters have loose internal union connectors that are snapped into position. Having sited the gutter apply 2 x 6mm beads of Arbosil 1096 Low Modulus Silicone sealant to each side of the joint (Fig 2). Carefully offer the union connector into position, clip the rear of the union into place first followed by the front edge, apply sealant to both sides of joint & tool in. Excess sealant should then be removed. Touch up paint is supplied to touch up all site cut edges.

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“Sentinel” Vintage O.G. Gutter

Composition & Manufacture:

‘Sentinel’ Vintage O.G. gutters are manufactured from Aluminium alloy 6063 T6 to BS1474: 1972 & the product complies to, or exceeds all relevant standards.

Fittings for the gutters are formed using fabrication methods involving cut, mitre & welding techniques using specially made jig & forming tools.

Finish:

Mill Finish Aluminium or Polyester Powder Coated to a range of BS or RAL Colours.

Model Specification:

ARP heavy grade ‘Sentinel’ Gutters & fittings to BS 2997 (EN612) using 6063 T6 grade extruded aluminium in accordance with BS 1474: 1974. Profile to be Vintage O.G. 100x75 (2mm), 125 x 100 (2mm), 150 x 100 (2.75mm).*

Materials to have factory applied Polyester Powder Coat to all significant surfaces in accordance with BS EN 12206 Matt/Satin/Gloss* finish, or alternatively plain aluminium Mill Finish. All to be supplied by Aluminium Roofline Products Ltd, Unit 2, Vitruvius Way, Meridian Business Park, Braunstone, Leicester LE19 1WA. Tel 0116 2894400 Fax 0116 2894433.

Joints to be loose union connector sealed by application of Arbosil 1096 Low Modulus Silicone Sealant in accordance with the manufacturer’s specification & guidelines. Gutter to be fixed by fascia brackets at 750mm centres with supplementary brackets at or near fittings. Fixing for brackets to be 5mm x 25mm countersunk stainless steel screws (dependant on substrate).

* Delete as appropriate



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ARP
ALUMINIUM ROOFLINE PRODUCTS

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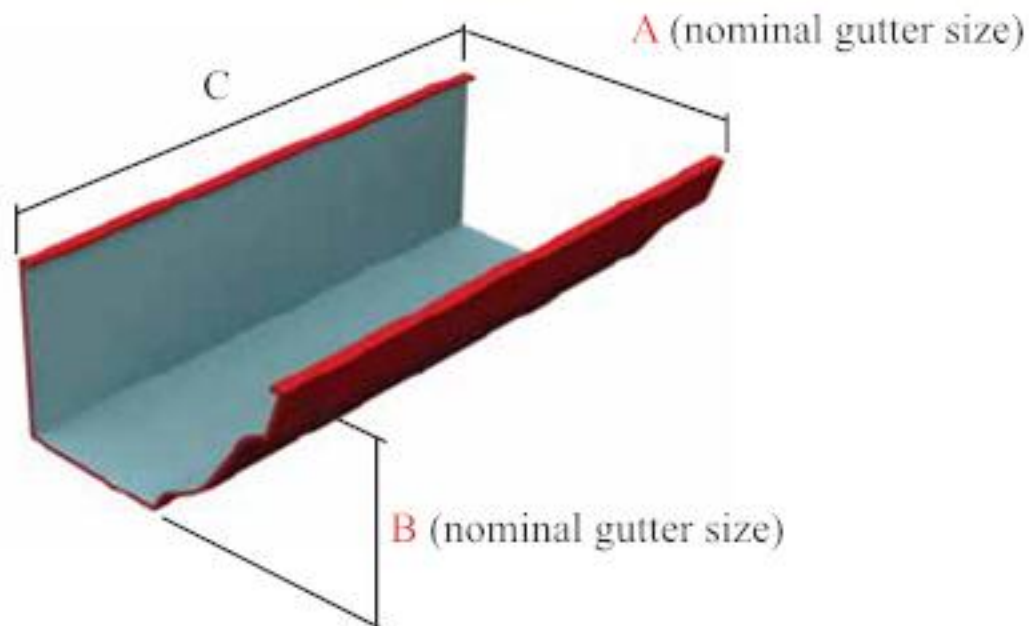
Fax: 0116 2894433

E-mail: sales@arp-ltd.com

Web: www.arp-ltd.com

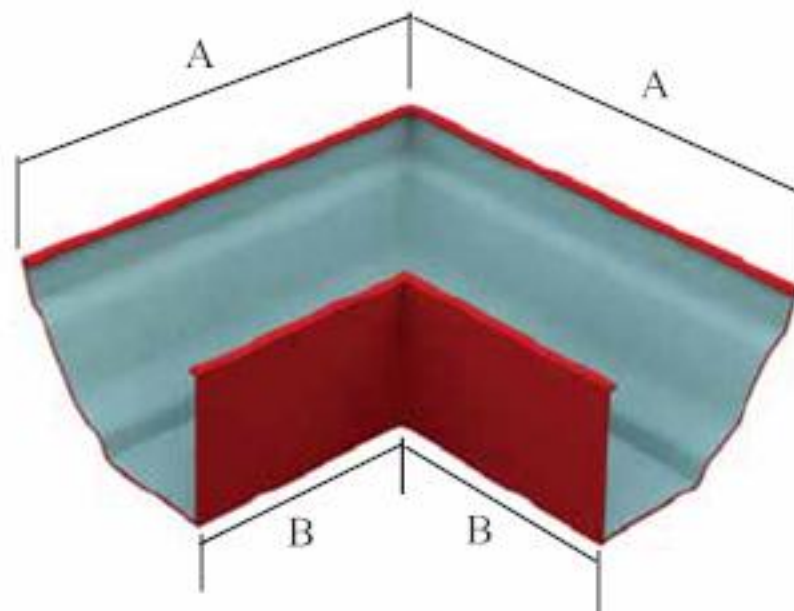
“Sentinel” Vintage O.G. Gutter

Gutter Lengths



A (mm)	B (mm)	Code C=3.0m	Code C=2.5m	Code C=2.0m	Code C=1.0m	Code C=0.5m
100	75	43VOG3	43VOG2.5	43VOG2	43VOG1	43VOG0.5
125	100	54VOG3	54VOG2.5	54VOG2	54VOG1	54VOG0.5
150	100	64VOG3	64VOG2.5	64VOG2	64VOG1	64VOG0.5

Gutter Angles



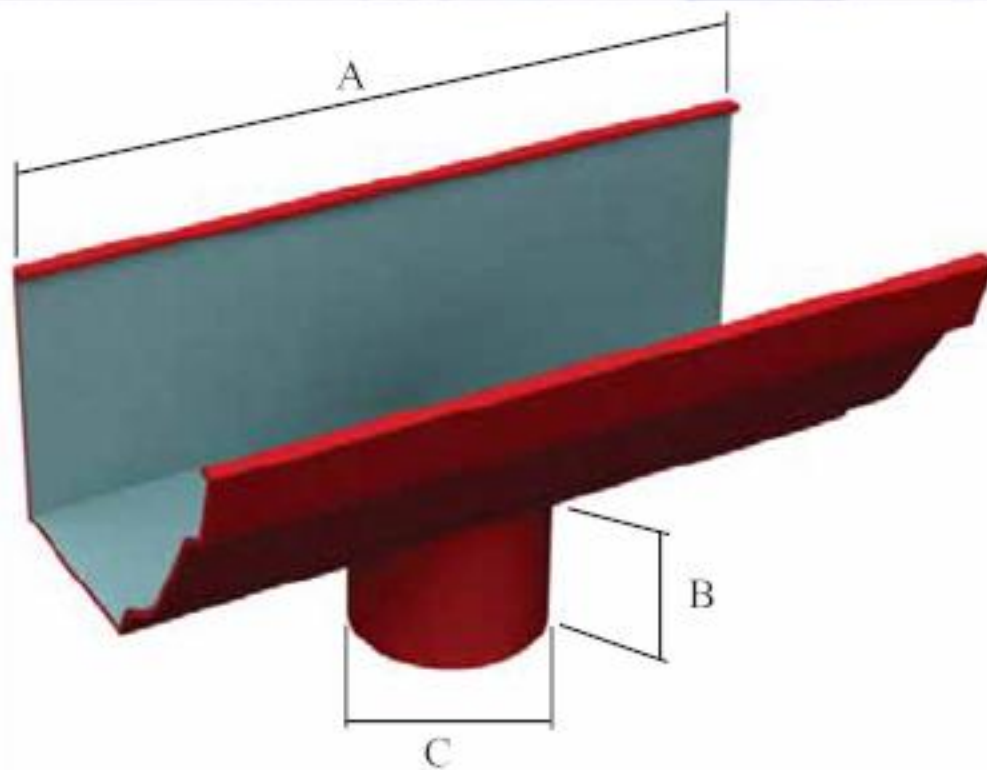
Gutter Size (mm)	Code	A (mm)	B (mm)	Code	A (mm)	B (mm)
	90° External			90° Internal		
100x75	43VOAX90	236	150	43VOAI90	150	236
125x100	54VOAX90	271	150	54VOAI90	150	271
150x100	64VOAX90	306	150	64VOAI90	150	306

Gutter Size (mm)	Code	A (mm)	B (mm)	Code	A (mm)	B (mm)
	135° External			135° Internal		
100x75	43VOAX135	193	150	43VOAI135	150	193
125x100	54VOAX135	203	150	54VOAI135	150	203
150x100	64VOAX135	213	150	64VOAI135	150	213

Vintage O.G. Gutter

“Sentinel” Vintage O.G. Gutter

Gutter Outlets



Gutter Size (mm)	A (mm)	B (mm)	Code	Code	Code	Code	Code	Code	Code
			C-63mm Ø	C-76mm Ø	C-101mm Ø	C-63mm Sq	C-76mm Sq	C-101x76 mm	C-101mm Sq
100x75	300	60	43VOO2R	43VOO3R	-	43VOO2S	43VOO3S	43VOO43	-
125x100	300	60	54VOO2R	54VOO3R	-	54VOO2S	54VOO3S	54VOO43	-
150x100	300	60	64VOO2R	64VOO3R	64VOO4R	64VOO2S	64VOO3S	64VOO43	64VOO4S

Gutter Stopends

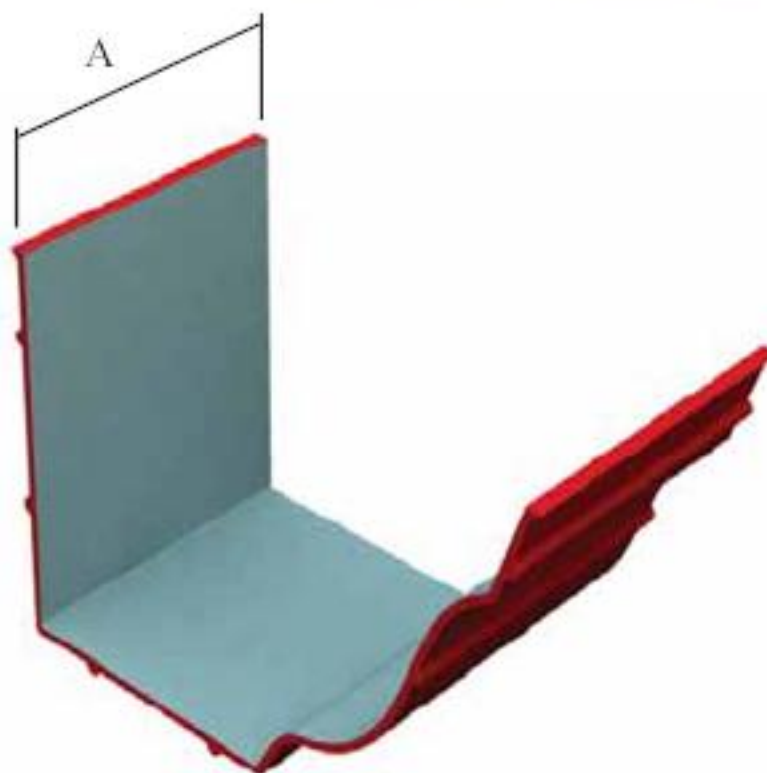


Gutter Size (mm)	A (mm)	Code	Code
		L/H	R/H
100x75	40	43VOSEL	43VOSER
125x100	40	54VOSEL	54VOSER
150x100	40	64VOSEL	64VOSER

Vintage O.G.

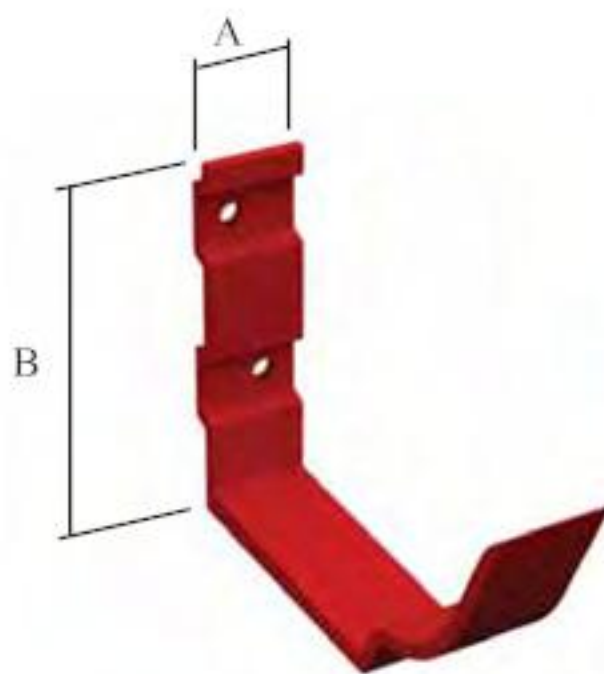
“Sentinel” Vintage O.G. Gutter

Union Connector



Gutter Size (mm)	A (mm)	Code
100x75	80	43VOUC
125x100	80	54VOUC
150x100	80	64VOUC

Fascia Brackets

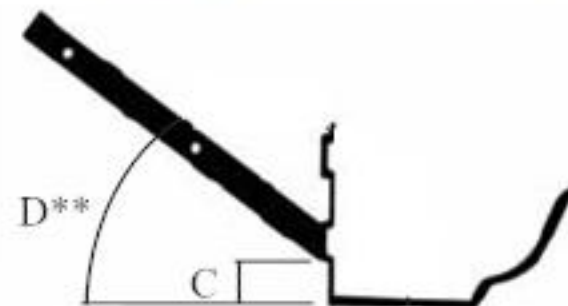
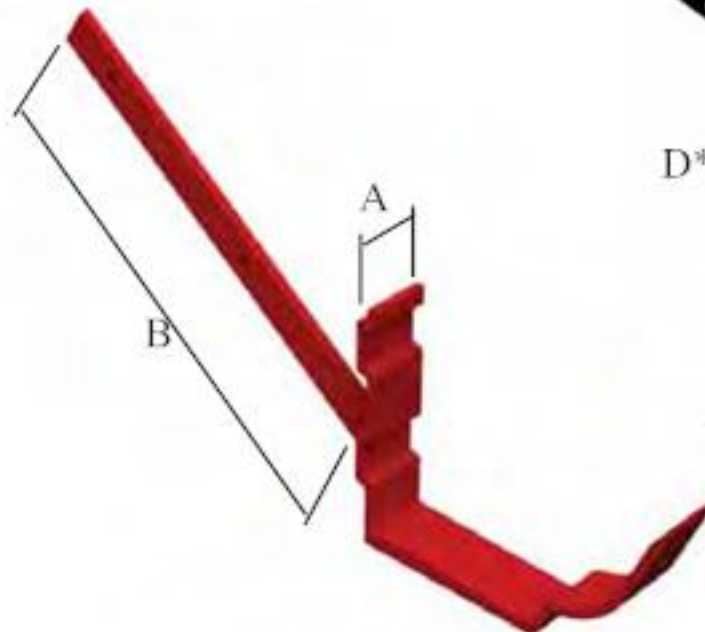


Gutter Size (mm)	A (mm)	B (mm)	Code
100x75	30	88	43VOBF
125x100	30	110	54VOBF
150x100	30	110	64VOBF

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“Sentinel” Vintage O.G. Gutter

Rafter Bracket



* C, Variable, please specify.
** D, roof pitch in degrees, measured from the horizontal.

Gutter Size (mm)	A	B	C*	D	Code	Code
				°	Side Fix	Top Fix
100x75	30	230	25	Specify	43VOBRS	43VOBRT
125x100	30	230	38	Specify	54VOBRS	54VOBRT
150x100	30	230	38	Specify	54VOBRS	64VOBRT

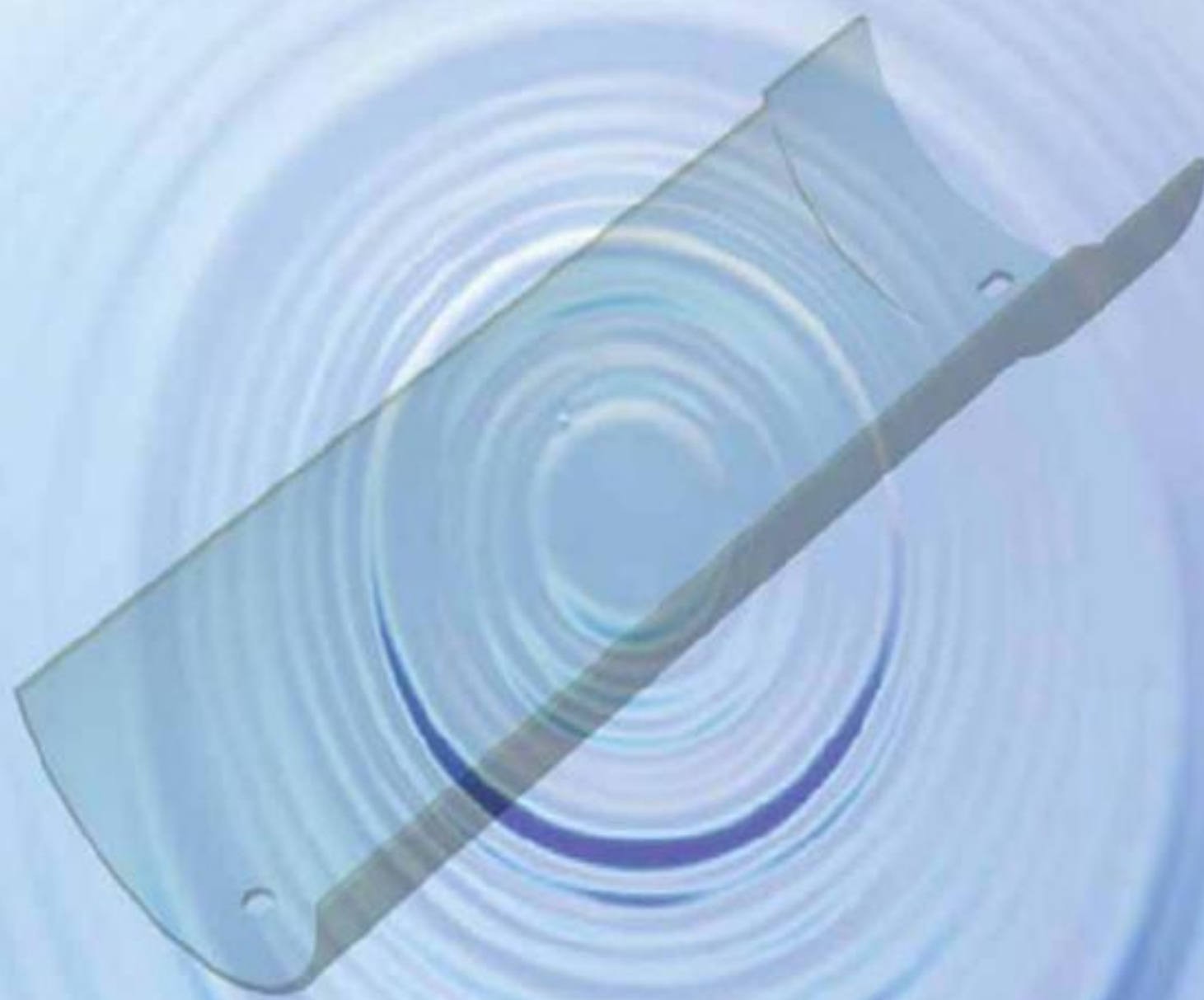
Rise & Fall Bracket



Gutter Size (mm)	A (mm)	B (mm)	C (mm)	Code
100x75	30	200	330	43VOBRFS
125x100	30	200	330	54VOBRFS
150x100	30	200	330	64VOBRFS

Vintage O.G. Gutter

“Legacy”
Cast Half Round Plain Gutter



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“Legacy” Cast Half Round Plain Gutter

Description:

The plain half round cast aluminium gutters come in various sizes (100mm, 114mm, 125mm & 150mm) & are supplied with a complete range of accessories ie angles, outlets, stopends, fascia brackets. True & Facetted radius gutters are also available.

Installation:

Cast Half Round gutters have fascia brackets which are set out at 915mm maximum centres no further than 300mm from a joint. please allow one extra bracket per fitting. The fascia brackets should be set out to any pre-determined fall taking note of the position of any fittings such as outlets & angles beforehand, brackets should be fixed using 5mm x 25mm stainless steel countersunk screws (dependant on substrate). See Fig 1.

Rafter brackets are also available whose centres may be governed by the roof timbers. Rise & fall brackets driven into the masonry are recommended to be at 915mm maximum centres. Touch up is supplied to coat all cut edges.

Direct Fixing:

Not applicable to this product

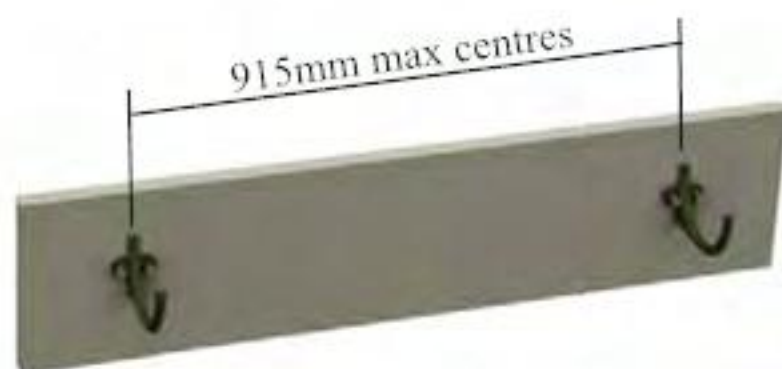


Fig 1.

Cast Half Round

“Legacy” Cast Half Round Plain Gutter



Fig 2.

Jointing:

Aluminium has a coefficient of expansion equal to 0.00002348mm per °C on average, this equates to just over 1.4mm per metre on a temperature range of -20°C to +40°C. Typically a 3mm to 4mm expansion gap between the ends of the gutter sections is advisable.

ARP recommend & supply Arbosil 1096 Low Modulus Silicone sealant & it is essential that this or a direct equivalent is used to seal the joints as this will ensure a strong mechanical bond that withstands the forces associated with thermal movement.

It is important to observe the sealant manufacturers guidelines concerning application & curing during cold or damp weather conditions & that before assembling the joint all surfaces are clean & free from grease, acetone applied with a soft cloth & wiped dry is recommended.

Cast Half Round gutters have a Spigot and Socket overlap arrangement that are secured using M6 x 30mm aluminium bolts, neoprene washers & nuts.

Having sited the gutter, apply 2 x 6mm beads of Arbosil 1096 Low Modulus Silicone sealant to the gutter socket. (Fig 2.) The two surfaces can then be brought together, the bolt inserted applying sealant to the thread & round the slot in the union, tighten the joint until some sealant emerges and a feeling of resistance is achieved leaving a 3mm sandwich of sealant. Excess sealant should then be removed.

Touch up paint is supplied to touch up all site cut edges.

Cast Half Round

“Legacy” Cast Half Round Plain Gutter

Composition & Manufacture:

‘Legacy’ Cast Half Round Gutters are manufactured from Aluminium alloy LM27 to BS1474: 1972 & the product complies to, or exceeds all relevant standards.

Special fittings for the gutters using fabrication methods involving cut, mitre & welding techniques can be provided.

Finish:

Mill Finish Aluminium or Polyester Powder Coated to a range of BS or RAL Colours.

Model Specification:

ARP heavy grade ‘Legacy’ Gutters & fittings to BS 2997 (EN612) using LM27 alloy aluminium in accordance with BS 1474: 1974. Profile to be Half Round, size 100mm (3mm), 114mm (3mm), 125mm (4mm) & 150mm (4mm). Materials to have factory applied Polyester Powder Coat to all significant surfaces in accordance with BS EN 122026 Matt/Satin/Gloss* finish, or alternatively plain aluminium Mill Finish. All to be supplied by Aluminium Roofline Products Ltd, Unit 2, Vitruvius Way, Meridian Business Park, Braunstone, Leicester LE19 1WA. Tel 0116 2894400 Fax 0116 2894433. Joints to be loose union connector sealed by application of Arbosil 1096 Low Modulus Silicone Sealant & fastened by M6 x 30mm bolts, neoprene washers & nuts in accordance with the manufacturer’s specification & guidelines. Gutter to be fixed by fascia brackets at 915mm centres with supplementary brackets at or near fittings. Fixing for brackets to be 5mm x 25mm countersunk/domed head stainless steel screws (dependant on substrate).

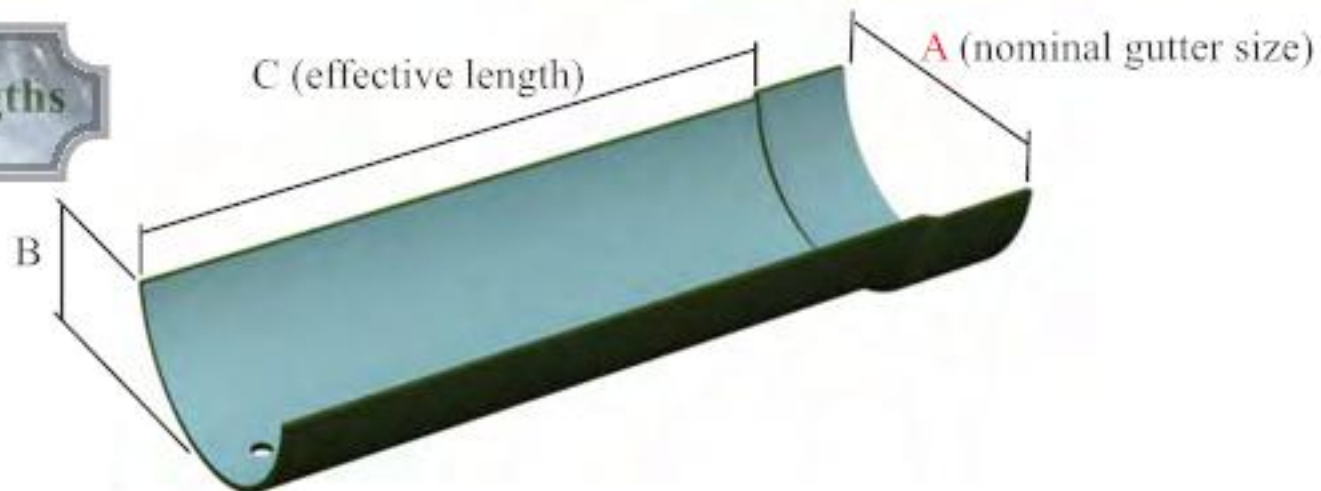
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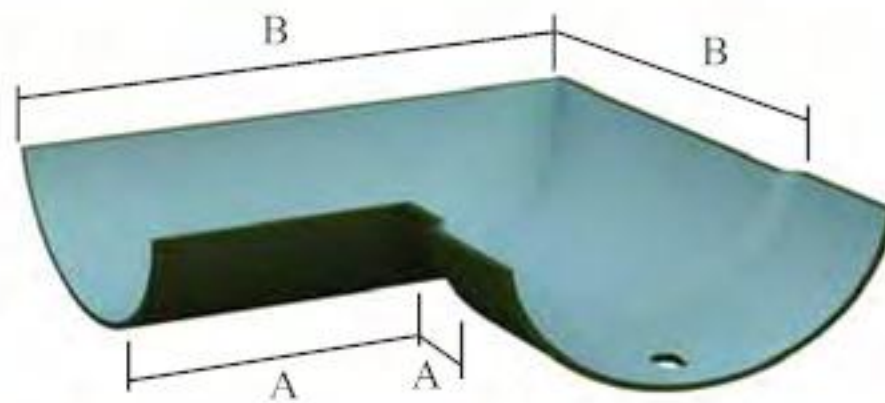
“Legacy” Cast Half Round Plain Gutter

Gutter Lengths



A	B	Code
(mm)	(mm)	C=1.8m
100	47	4CHRG1.8
114	51	4.5CHRG1.8
125	59	5CHRG1.8
150	63	6CHRG1.8

Gutter Angles



Gutter Size	Code	A	B	Code	A	B
(mm)	90° External	(mm)	(mm)	135° External	(mm)	(mm)
100	4CHRAX90	83/30	191/138	4CHRAX135	75/26	120/67
114	4.5CHRAX90	77/21	197/143	4.5CHRAX135	77/21	125/70
125	5CHRAX90	77/21	204/154	5CHRAX135	77/21	204/154
150	6CHRAX90	62/14	218/164	6CHRAX135	69/13	129/72

Gutter Size	Code	A	B	Code	A	B
(mm)	90° Internal	(mm)	(mm)	135° Internal	(mm)	(mm)
100	4CHRAI90	191/138	83/30	4CHRAI135	120/67	75/26
114	4.5CHRAI90	197/143	77/21	4.5CHRAI135	125/70	77/21
125	5CHRAI90	125/70	77/21	5CHRAI135	125/70	77/21
150	6CHRAI90	218/164	62/14	6CHRAI135	129/72	69/13

Cast Half Round



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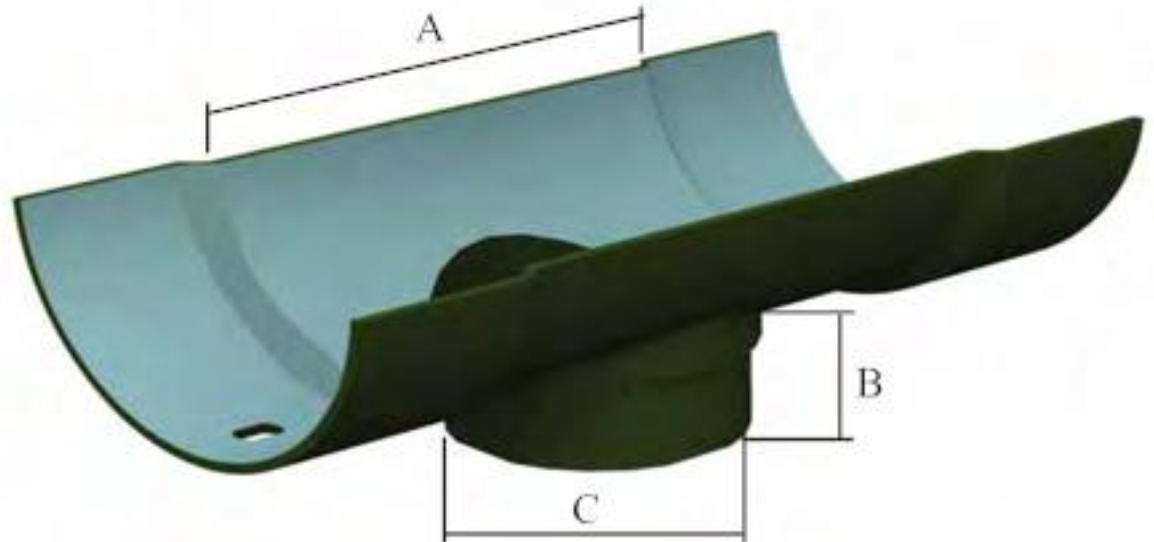
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Web: www.arp-ltd.com

“Legacy”

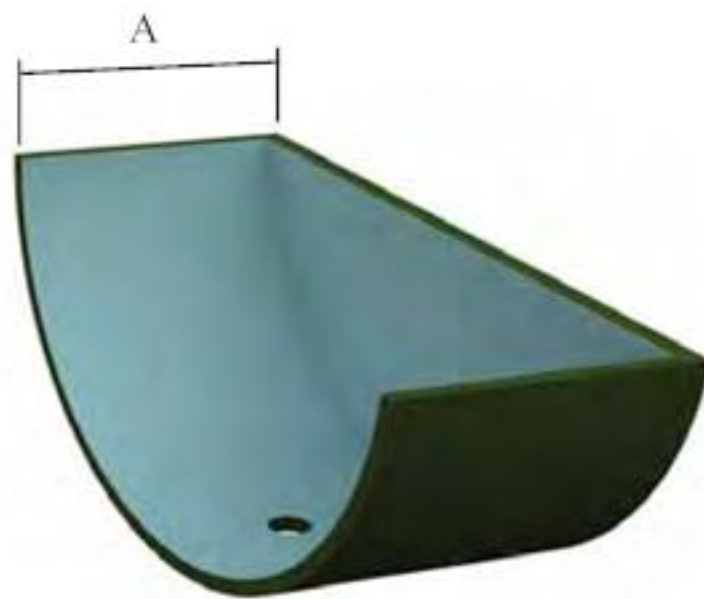
Cast Half Round Plain Gutter

Gutter Outlets



Gutter Size (mm)	A (mm)	B (mm)	Code	Code	Code
			C=63mm Ø	C=76mm Ø	C=101mm Ø
100	141	29	4CHRO2R	4CHRO2R	-
114	141	29	4.5CHRO2R	4.5CHRO3R	-
125	141	29	5CHRO2R	5CHRO3R	-
150	141	29	6CHRO2R	6CHRO3R	6CHRO4R

Gutter Stopends

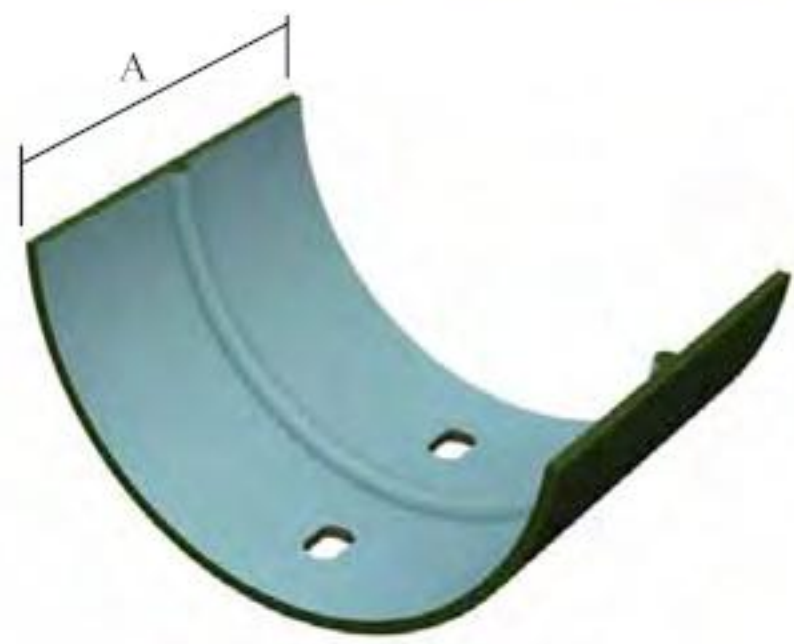


Gutter Size (mm)	A (mm)	Code (External)	Code (Internal)
100	45	4CHRSEX	4CHRSEI
114	45	4.5CHRSEX	4.5CHRSEI
125	45	5CHRSEX	5CHRSEI
150	45	6CHSEX	6CHRSEI

“Legacy” Cast Half Round Plain Gutter

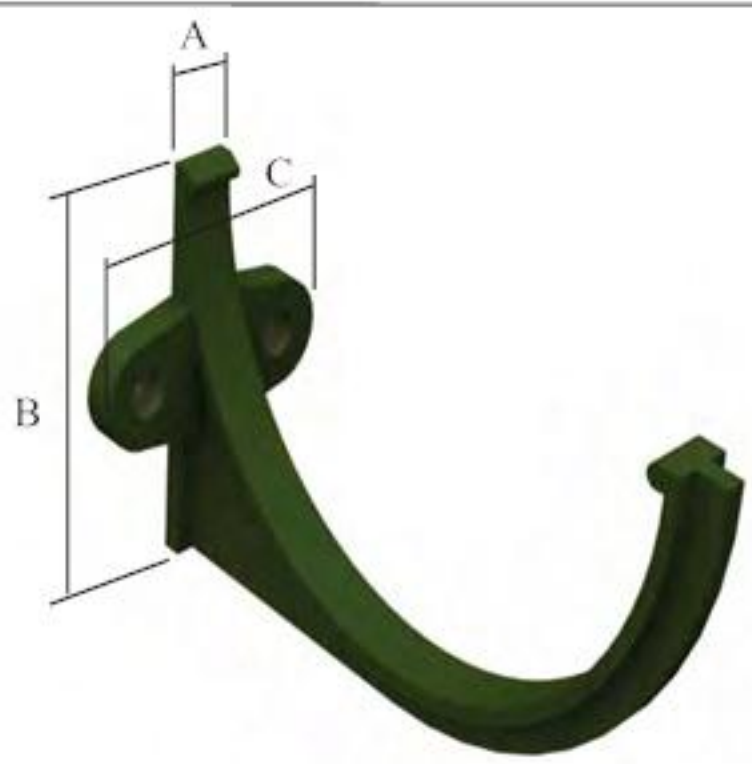
Cast Half Round

Union Connectors



Gutter Size (mm)	A (mm)	Code
100	94	4CHRUC
114	94	4.5CHRUC
125	94	5CHRUC
150	94	6CHRUC

Fascia Brackets



Gutter Size (mm)	A (mm)	B (mm)	C (mm)	Code
100	12	66	54	4CHRBF
114	12	82	54	4.5CHRBF
125	12	90	54	5CHRBF
150	12	96	54	6CHRBF



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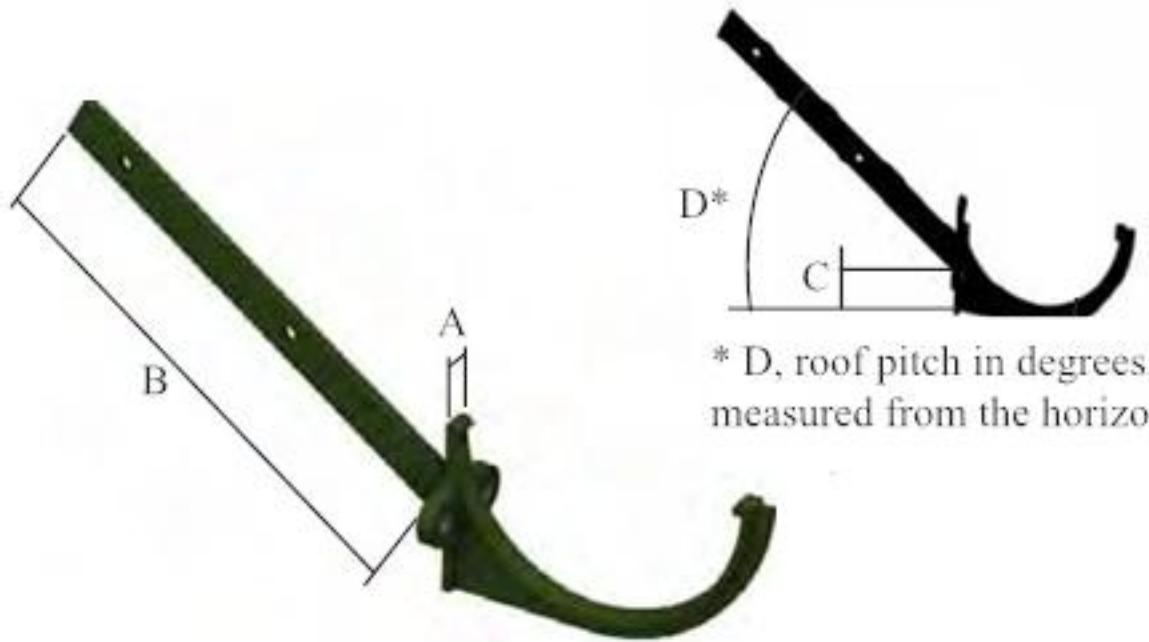
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Web: www.arp-ltd.com

“Legacy”

Cast Half Round Plain Gutter

Rafter Bracket



* D, roof pitch in degrees, measured from the horizontal.

Gutter Size (mm)	A (mm)	B (mm)	C (mm)	D (°)	Code Side Fix	Code Top Fix
100	12	230	30	specify	4CHRBRS	4CHRBRT
114	12	230	30	specify	4.5CHRBRS	4.5CHRBRT
125	12	230	30	specify	5CHRBRS	5CHRBRT
150	12	230	30	specify	6CHRBRS	6CHRBRT

Rise & Fall Bracket



Gutter Size (mm)	A (mm)	B (mm)	C (mm)	Code
100	12	200	330	4CHRBFRS
114	12	200	330	4.5CHRBFRS
125	12	200	330	5CHRBFRS
150	12	200	330	6CHRBFRS

“Legacy”

Cast Beaded Half Round & Deep Beaded Half Round Gutter

Beaded Half Round

The cast half round plain gutters are also available in a beaded half round profile examples of which are featured opposite.

When enquiring or ordering any of the beaded half round cast aluminium range, please enter a **B** after the C in the codes featured on these pages. eg

4CHRG1.8 becomes 4C**B**HRG1.8



Deep Beaded Half Round



In addition, a deep beaded half round profile is also available, size 114 x 75mm.

When enquiring or ordering the deep beaded half round cast aluminium range, please enter a **DB** after the C in the codes featured on these pages. eg

4CHRAX90 becomes 4C**DB**HRAX90

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Unit 2, Vitruvius Way
Meridian Business Park
Braunstone
Leicester
LE19 1WA

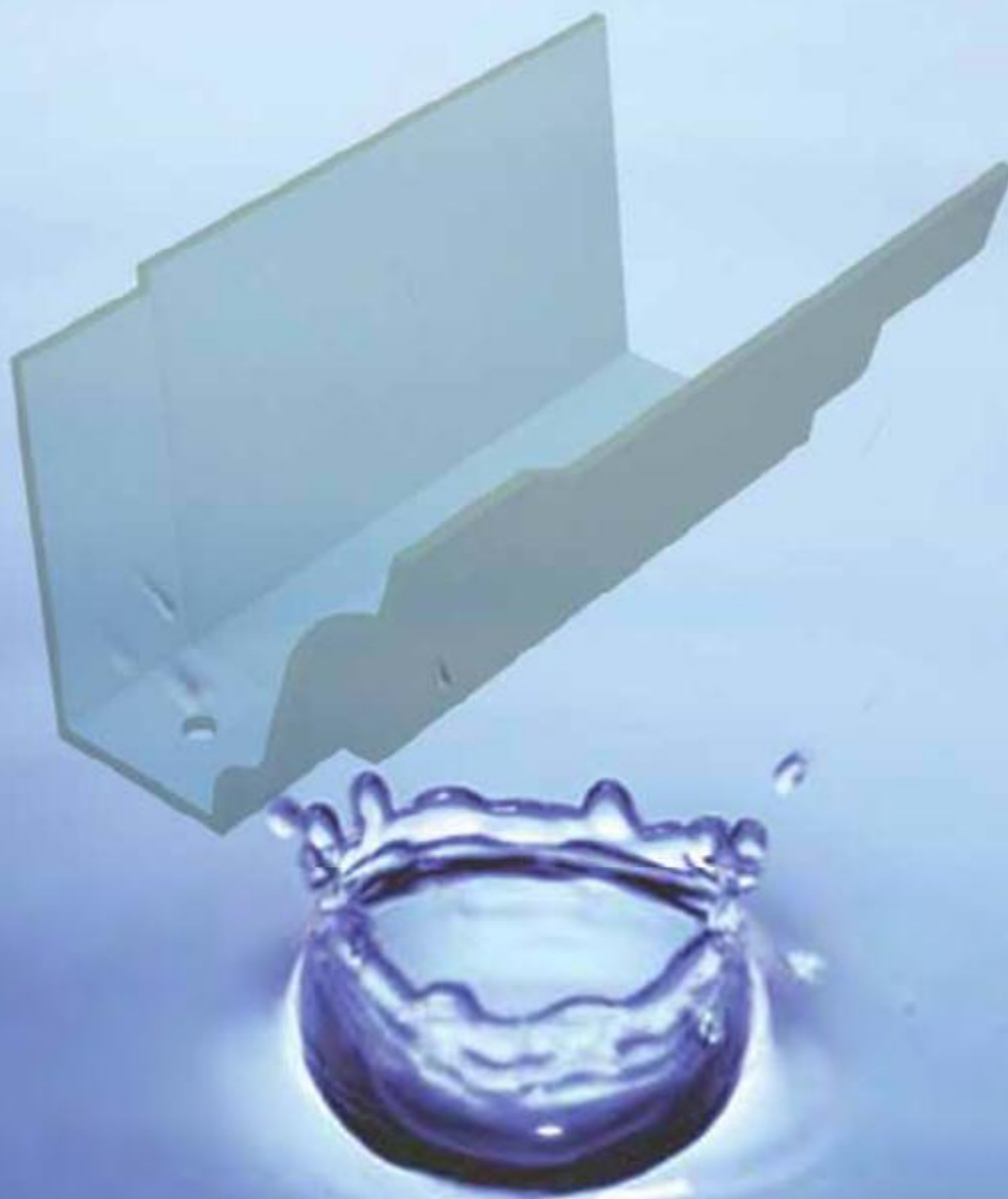
Tel: 0116 2894400

Fax: 0116 2894433

E-mail: sales@arp-ltd.com

Web: www.arp-ltd.com

“Legacy”
Cast Moulded No.46 O.G. Gutter



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Leicester
LE19 1JA

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Fax: 0116 2894433

E-mail: sales@arp-ltd.com

Web: www.arp-ltd.com

“Legacy”**Cast Moulded No.46 O.G. Gutter****Description:**

The Moulded No.46 O.G cast aluminium gutters come in various sizes (100mm x 75mm, 125 x 100mm & 150 x 100mm) & are supplied with a complete range of accessories ie angles, outlets, stopends, fascia brackets. True & Facetted radius gutters are also available.

Installation:

Moulded No.46 O.G gutters have fascia brackets which are set out at 915mm maximum centres no further than 300mm from a joint, please also allow 1 extra bracket per fitting. The fascia brackets should be set out to any pre-determined fall taking note of the position of any fittings such as outlets & angles beforehand, brackets should be fixed using 5mm x 25mm stainless steel counter-sunk screws (dependant on substrate). See Fig 1.

Rafter brackets are also available whose centres may be governed by the roof timbers. Rise & fall brackets driven into the masonry are recommended to be at 915mm maximum centres.

Direct Fixing:

It is possible to directly fascia fix Moulded No.46 gutters using 5mm x 25mm stainless steel screws (dependant on substrate) without additional support, although care must be taken to keep fixing through the back face above the waterline, as below this it may effect the calculable, leak free, capacity of the gutter.

Where a gutter sits upon a cornice or cill, it is advisable to have a damp-proof membrane behind and below the gutter.

Fixing centres for “Legacy” cast are 915mm.

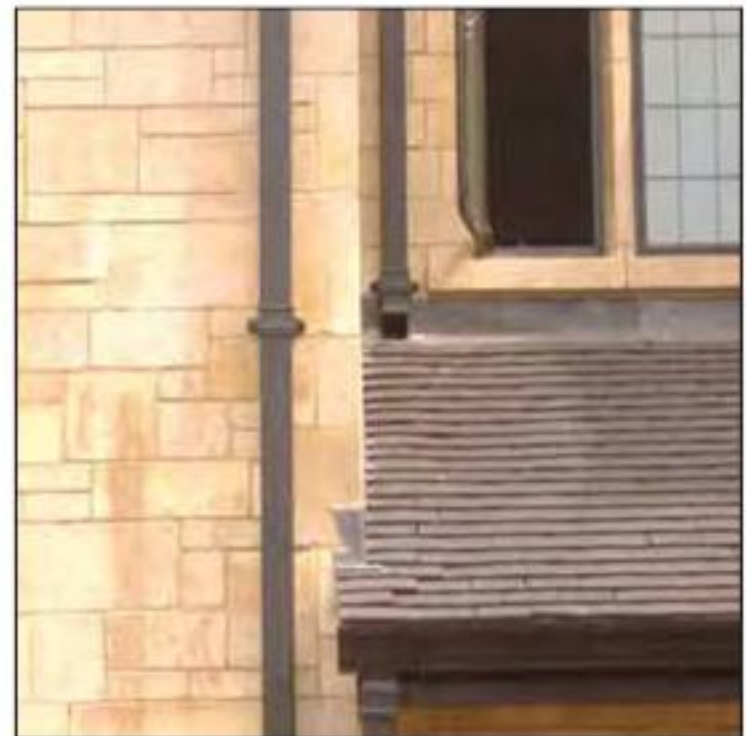


Fig 1.

“Legacy”

Cast Moulded No.46 O.G. Gutter

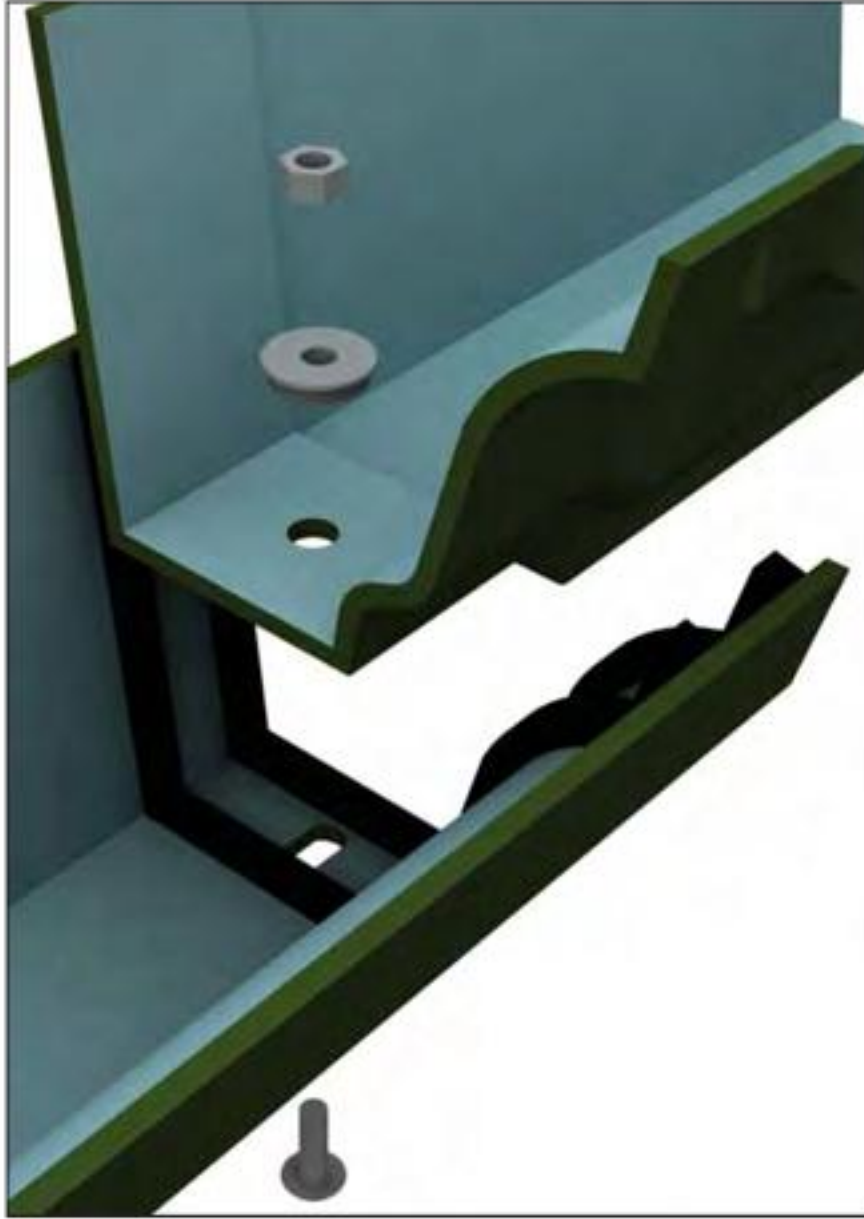


Fig 2.

Jointing:

Aluminium has a coefficient of expansion equal to 0.00002348mm per °C on average, this equates to just over 1.4mm per metre on a temperature range of -20°C to +40°C. Typically a 3mm to 4mm expansion gap between the ends of the gutter sections is advisable.

ARP recommend & supply Arbosil 1096 Low Modulus Silicone sealant & it is essential that this or a direct equivalent is used to seal the joints as this will ensure a strong mechanical bond that withstands the forces associated with thermal movement.

It is important to observe the sealant manufacturers guidelines concerning application & curing during cold or damp weather conditions & that before assembling the joint all surfaces are clean & free from grease, acetone applied with a soft cloth & wiped dry is recommended.

Cast Moulded No.46 O.G. gutters have a Spigot arrangement that are secured using M6 x 30mm aluminium bolts, neoprene washers & nuts.

Having sited the gutter, apply 2 x 6mm beads of Arbosil 1096 Low Modulus Silicone sealant to the gutter socket. (Fig 2.).The two surfaces can then be brought together, the bolt inserted applying sealant to the thread & round the slot in the union, tighten the joint until some sealant emerges and a feeling of resistance is achieved leaving a 3mm sandwich of sealant. Excess sealant should then be removed. Touch up paint is supplied to touch up all site cut edges.

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“Legacy”

Cast Moulded No.46 O.G. Gutter

Composition & Manufacture:

“Legacy” Moulded No.46 O.G. Gutters are manufactured from Aluminium alloy LM27 to BS1474: 1972 & the product complies to, or exceeds all relevant standards.

Special fittings for the gutters using fabrication methods involving cut, mitre & welding techniques can be provided.

Note: 100x75mm & 125x100mm ranges are left hand systems; 150x100mm range is a right hand system.

Finish:

Mill Finish Aluminium or Polyester Powder Coated to a range of BS or RAL Colours.



True Radius Pattern

Model Specification:

ARP heavy grade ‘Legacy’ Gutters & fittings to BS 2997 (EN612) using LM27 alloy aluminium in accordance with BS 1474: 1974. Profile to be Cast Moulded No.46, size 100mm x 75mm (3.5mm), 125mm x 100mm (3.5mm) & 150 x 100mm (3.5mm). Materials to have factory applied Polyester Powder Coat to all significant surfaces in accordance with BS EN 122026 Matt/Satin/Gloss* finish, or alternatively plain aluminium Mill Finish. All to be supplied by Aluminium Roofline Products Ltd, Unit 2, Vitruvius Way, Meridian Business Park, Braunstone, Leicester LE19 1WA. Tel 0116 2894400 Fax 0116 2894433. Joints to be loose union connector sealed by application of Arbosil 1096 Low Modulus Silicone Sealant & fastened by M6 x 30mm bolts, neoprene washers & nuts in accordance with the manufacturer’s specification & guidelines. Gutter to be fixed by fascia brackets at 915mm centres with supplementary brackets at or near fittings. Fixing for brackets to be 5mm x 25mm countersunk/ domed head stainless steel screws (dependant on substrate)
* Delete as appropriate

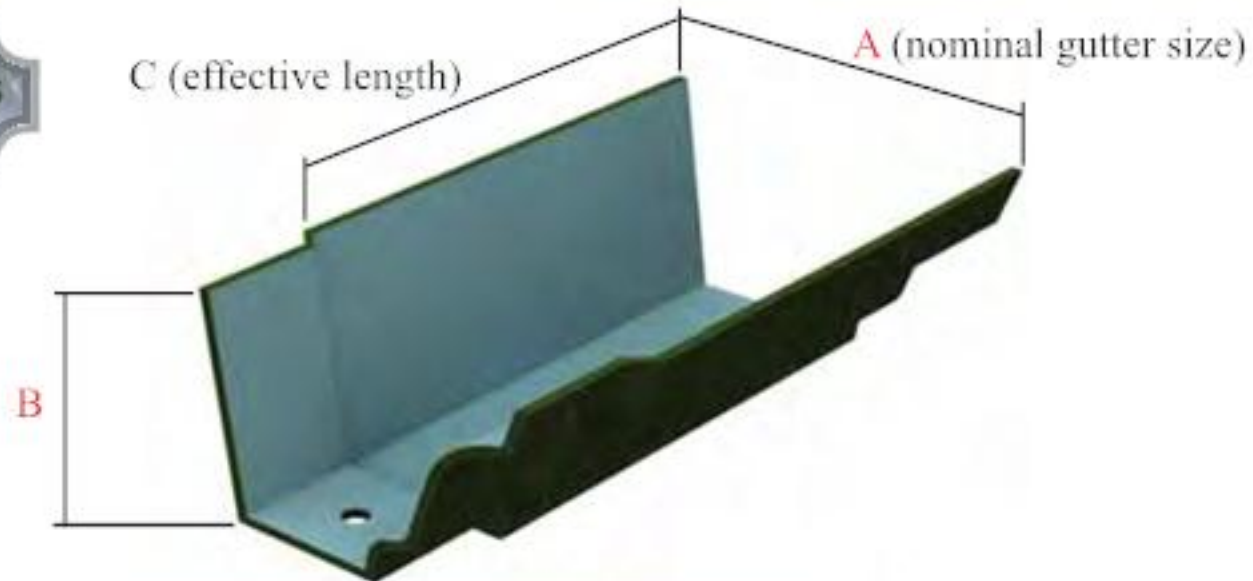


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“Legacy”

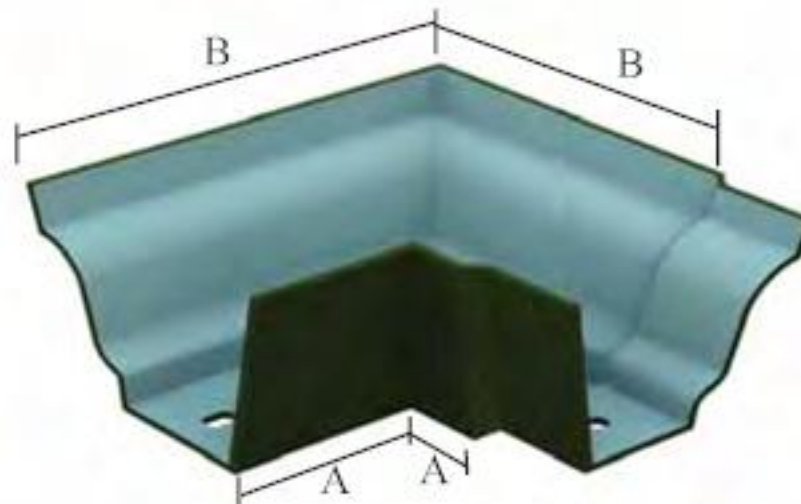
Cast Moulded No.46 O.G. Gutter

Gutter Lengths



A (mm)	B (mm)	Code C=1.8m
100	75	43CMOG1.8
125	100	54CMOG1.8
150	100	64CMOG1.8

Gutter Angles



Gutter Size (mm)	Code	A (mm)	B (mm)	Code	A (mm)	B (mm)
100 x 75	43CMOAX90	76/27	183/131	43CMOAX135	76/27	119/65
125 x 100	54CMOAX90	76/27	208/162	54CMOAX135	76/27	137/81
150 x 100	64CMOAX90	76/27	240/192	64CMOAX135	76/27	142/96

Gutter Size (mm)	Code	A (mm)	B (mm)	Code	A (mm)	B (mm)
100 x 75	43CMOAI90	183/131	76/27	43CMOAI135	119/65	76/27
125 x 100	54CMOAI90	208/162	76/27	54CMOAI135	137/81	76/27
150 x 100	64CMOAI90	240/192	76/27	64CMOAI135	142/96	76/27

NB: 100 x 75 & 125 x 100mm ranges are left hand systems; 150 x 100mm range is a right hand system.

Moulded No.46 O.G.



ARP
ALUMINIUM DRAINAGE PRODUCTS

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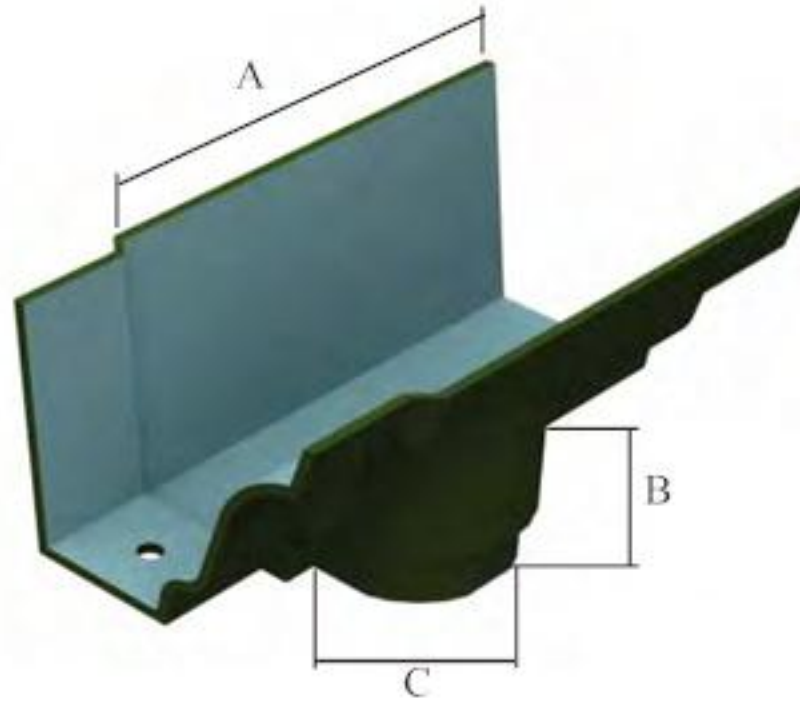
Tel: 0116 2894400
E-mail: sales@arp-ltd.com

Fax: 0116 2894433
Web: www.arp-ltd.com

“Legacy”

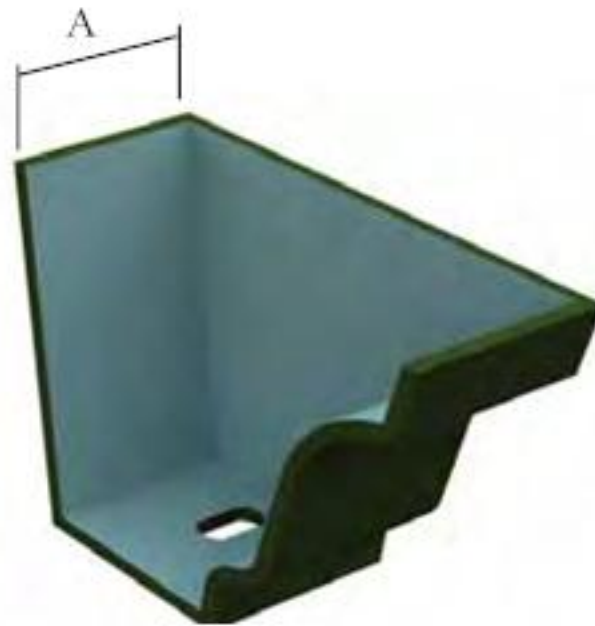
Cast Moulded No.46 O.G. Gutter

Gutter Outlets



Gutter Size (mm)	A (mm)	B (mm)	Code	Code	Code	Code	Code	Code
			C=63mm Ø	C=76mm Ø	C=101mm Ø	C=76mm Sq	C=101x76 mm	C=101mm Sq
100 x 75	197	49	43CMO02R	43CMO03R	-	43CMO03S	43CMO043	-
125 x 100	197	57	54CMO02R	54CMO03R	-	-	54CMO043	-
150 x 100	197	57	64CMO02R	64CMO02R	64CMO03R	64CMO03S	64CMO043	64CMO04S

Gutter Stopends



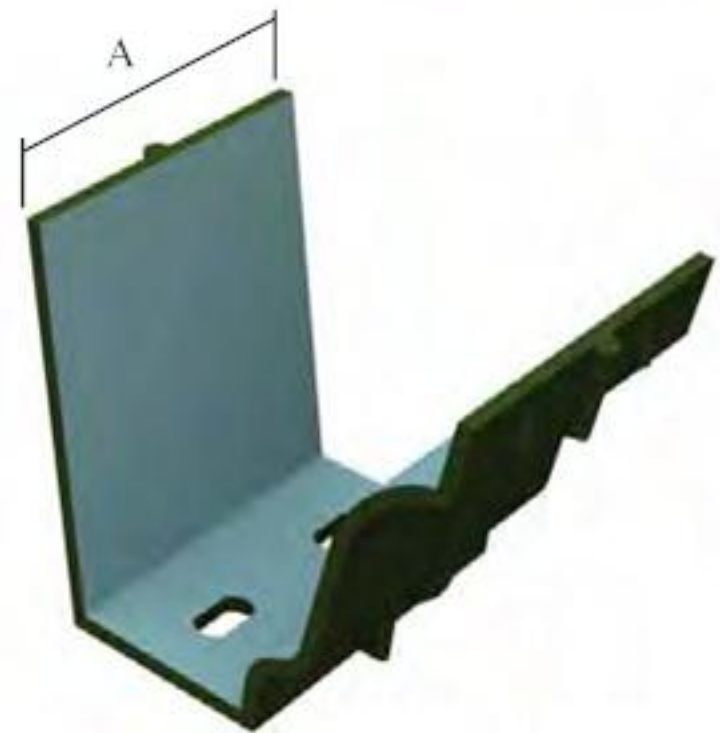
Gutter Size (mm)	A (mm)	Code (External)	Code (Internal)
100 x 75	45	43CMOSEX	43CMOSEI
125 x 100	45	54CMOSEX	54CMOSEI
150 x 100	45	64CMOSEX	64CMOSEI

“Legacy”

Cast Moulded No.46 O.G. Gutter

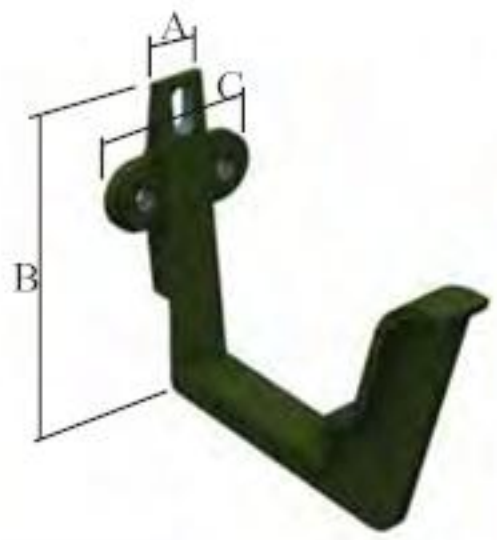
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Union Connectors



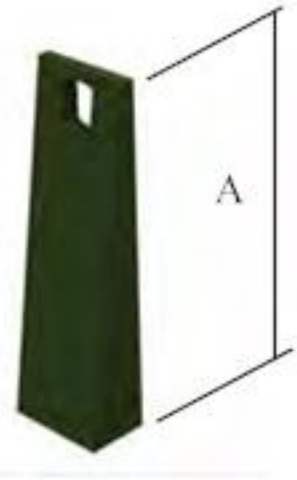
Gutter Size (mm)	A (mm)	Code
100 x 75	94	43CMOUC
125 x 100	94	54CMOUC
150 x 100	94	64CMOUC

Fascia Brackets



Gutter Size (mm)	A (mm)	B (mm)	C (mm)	Code
100 x 75	16	99	60	43CMOBF
125 x 100	21	120	64	54CMOBF
150 x 100	21	120	64	64CMOBF

Direct Fix Wedge



Gutter Size (mm)	A (mm)	Code
100 x 75	65	4CMOGWEDGE
125 x 100	90	CMOGWEDGE
150 x 100	90	CMOGWEDGE



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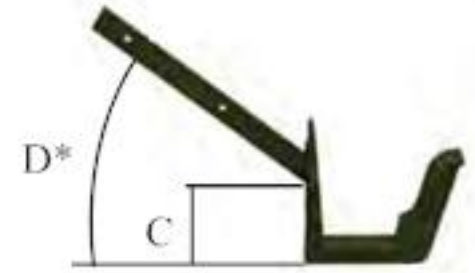
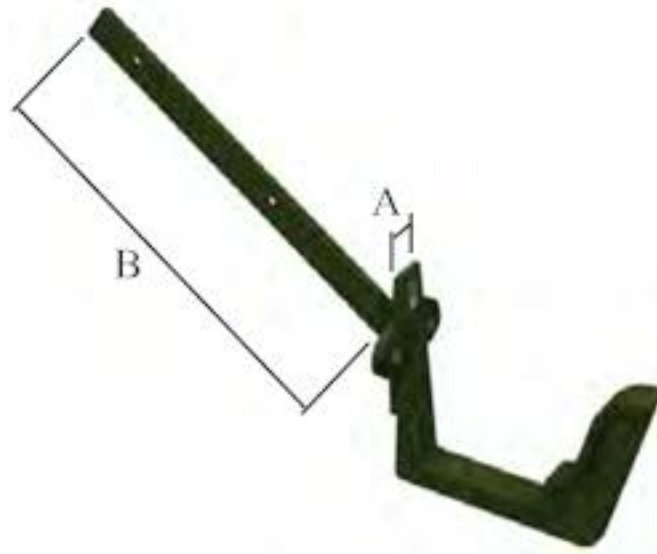
E-mail:sales@arp-ltd.com

Web:www.arp-ltd.com

“Legacy”

Cast Moulded No.46 O.G. Gutter

Rafter Bracket



* D, roof pitch in degrees, measured from the horizontal.

Gutter Size (mm)	A (mm)	B (mm)	C (mm)	D (°)	Code Side Fix	Code Top Fix
100 x 75	16	230	45	Specify	43CMOBRBS	43CMOBF
125 x 100	21	230	45	Specify	54CMOBRBS	54CMOBF
150 x 100	21	230	45	Specify	64CMOBRBS	64CMOBF

Rise & Fall Bracket



Gutter Size (mm)	A (mm)	B (mm)	C (mm)	Code
100 x 75	16	200	330	43CMOBRFS
125 x 100	21	200	330	54CMOBRFS
150 x 100	21	200	330	64CMOBRFS

“Legacy”
Cast Victorian O.G. Gutter



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Fax:0116 2894433

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“Legacy” Cast Victorian O.G. Gutter

Description:

The Victorian O.G cast aluminium gutters come in various sizes (100mm, 114mm & 125mm) & are supplied with a complete range of accessories ie angles, outlets, stopends, fascia brackets. True & Facetted radius gutters are also available.

Installation:

Victorian O.G gutters have fascia brackets which are set out at 915mm maximum centres no further than 300mm from a joint, please also allow 1 extra bracket per fitting. The fascia brackets should be set out to any pre-determined fall taking note of the position of any fittings such as outlets & angles beforehand, brackets should be fixed using 5mm x 25mm stainless steel countersunk screws (dependant on substrate). See Fig 1.

Rafter brackets are also available whose centres may be governed by the roof timbers. Rise & fall brackets driven into the masonry are recommended to be at 915mm maximum centres.

Direct Fixing:

Not applicable to this product



Fig 1.



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“Legacy” Cast Victorian O.G. Gutter

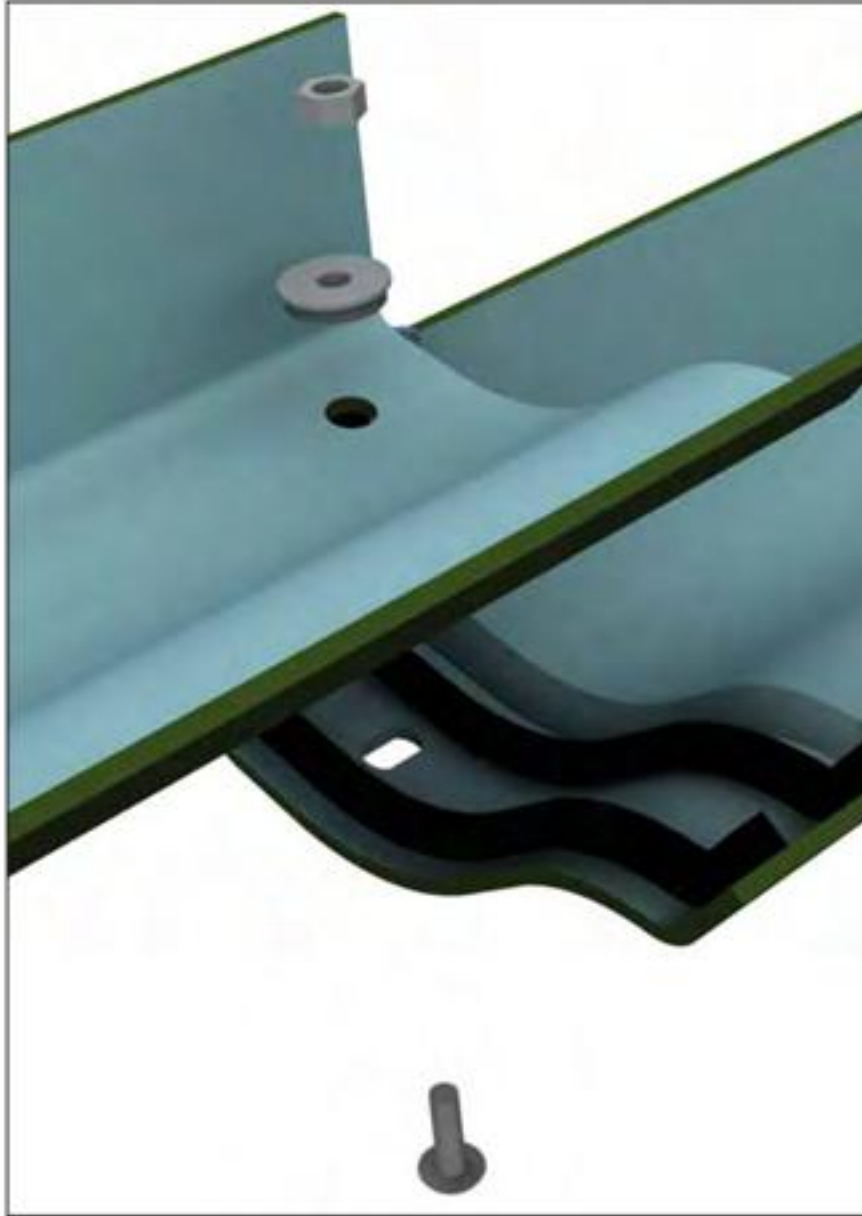


Fig 2.

Jointing:

Aluminium has a coefficient of expansion equal to 0.00002348mm per °C on average, this equates to just over 1.4mm per metre on a temperature range of -20°C to +40°C. Typically a 3mm to 4mm expansion gap between the ends of the gutter sections is advisable.

ARP recommend & supply Arbosil 1096 Low Modulus Silicone sealant & it is essential that this or a direct equivalent is used to seal the joints as this will ensure a strong mechanical bond that withstands the forces associated with thermal movement.

It is important to observe the sealant manufacturers guidelines concerning application & curing during cold or damp weather conditions & that before assembling the joint all surfaces are clean & free from grease, acetone applied with a soft cloth & wiped dry is recommended.

Victorian O.G gutters have a Spigot and Socket overlap arrangement that are secured using M6 x 30mm aluminium bolts, neoprene washers & nuts.

Having sited the gutter, apply 2 x 6mm beads of Arbosil 1096 Low Modulus Silicone sealant to the gutter socket. (Fig 2.).The two surfaces can then be brought together, the bolt inserted applying sealant to the thread & round the slot in the union, tighten the joint until some sealant emerges and a feeling of resistance is achieved leaving a 3mm sandwich of sealant.

Excess sealant should then be removed.

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“Legacy” Cast Victorian O.G. Gutter

Composition & Manufacture:

‘Legacy’ Victorian O.G Gutters are manufactured from Aluminium alloy LM27 to BS1474: 1972 & the product complies to, or exceeds all relevant standards. Special fittings for the gutters using fabrication methods involving cut, mitre & welding techniques are available.

Finish:

Mill Finish Aluminium or Polyester Powder Coated to a range of BS or RAL Colours.

Model Specification:

ARP heavy grade ‘Legacy’ Gutters & fittings to BS 2997 (EN612) using LM27 alloy aluminium in accordance with BS 1474: 1974. Profile to be Victorian O.G., size 100mm (4mm), 114mm (4mm), 125mm (4mm). Materials to have factory applied Polyester Powder Coat to all significant surfaces in accordance with BS EN 12206 Matt/Satin/Gloss* finish, or alternatively plain aluminium Mill Finish. All to be supplied by Aluminium Roofline Products Ltd, Unit 2, Vitruvius Way, Meridian Business Park, Braunstone, Leicester LE19 1WA. Tel 0116 2894400 Fax 0116 2894433. Joints to be loose union connector sealed by application of Arbosil 1096 Low Modulus Silicone Sealant & fastened by M6 x 30mm bolts, neoprene washers & nuts in accordance with the manufacturer’s specification & guidelines. Gutter to be fixed by fascia brackets at 915mm centres with supplementary brackets at or near fittings. Fixing for brackets to be 5mm x 25mm countersunk/ domed head stainless steel screws (dependant on substrate)

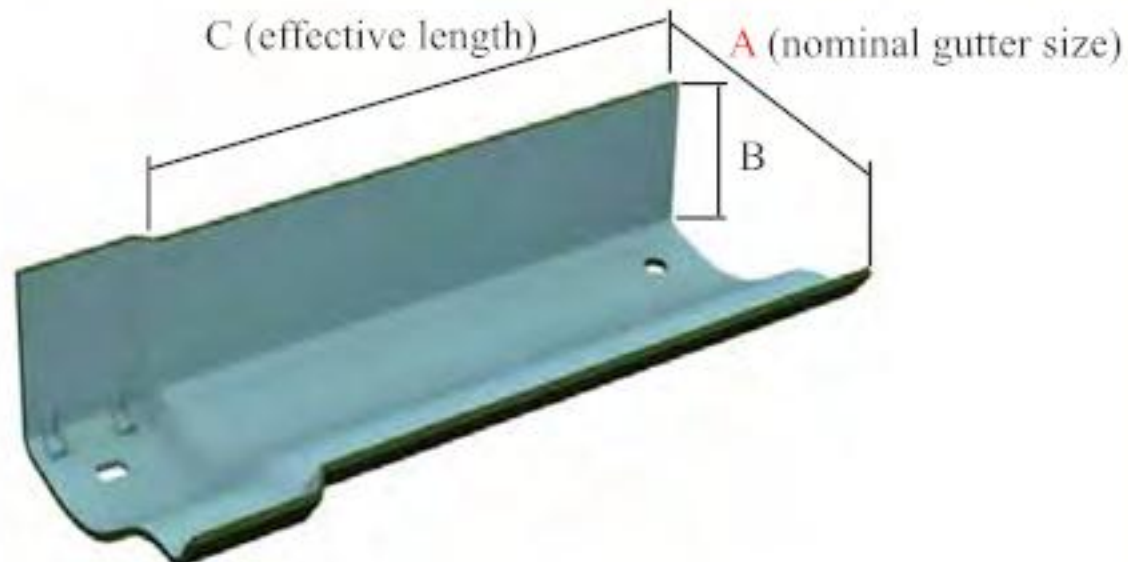
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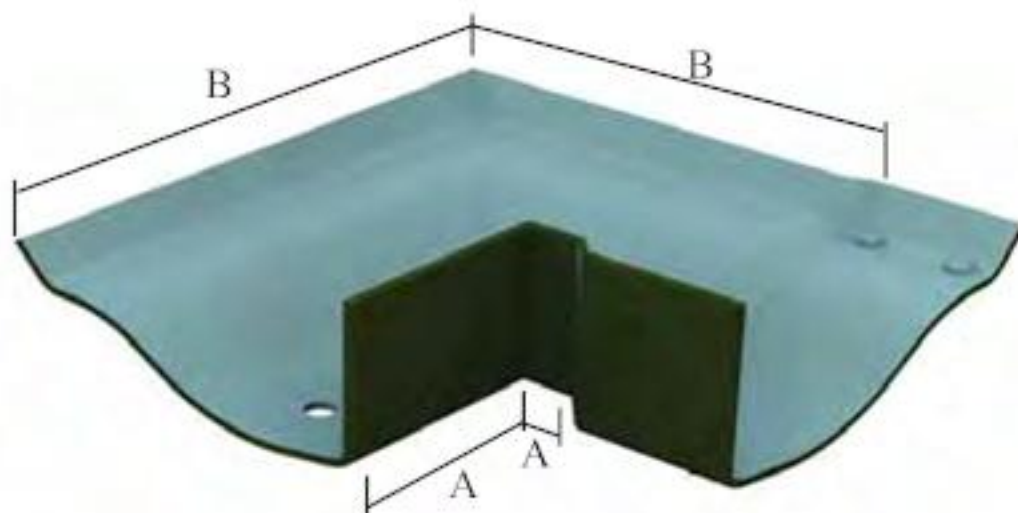
“Legacy” Cast Victorian O.G. Gutter

Gutter Lengths



A (mm)	B (mm)	Code C=1.8m
100	55	4CVOG1.8
114	61	4.5CVOG1.8
125	67	5CVOG1.8

Gutter Angles



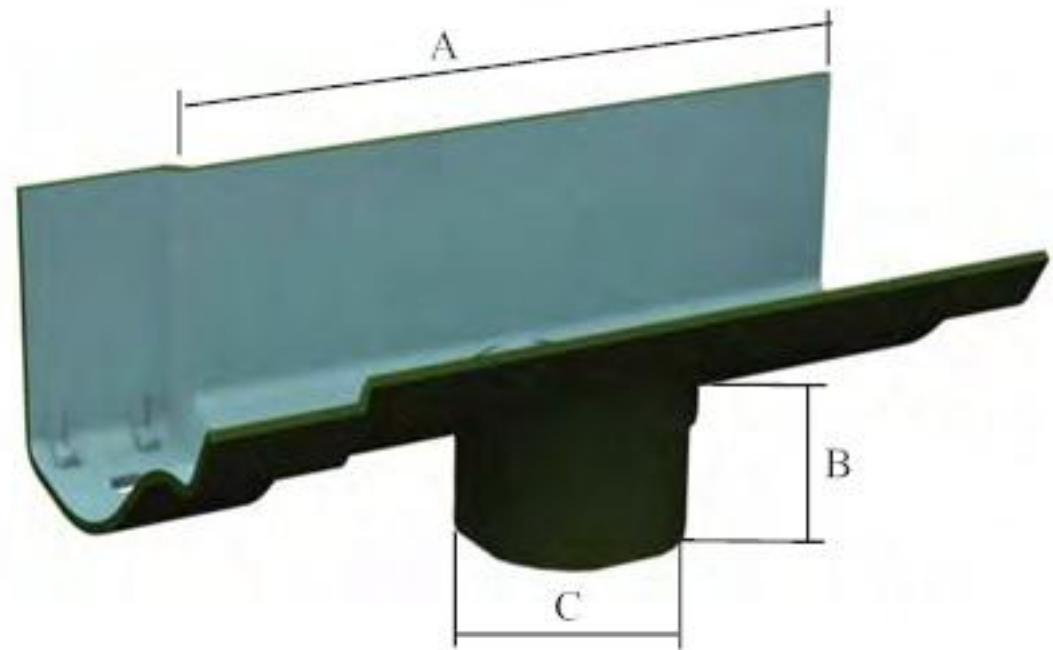
Gutter Size (mm)	Code	A (mm)	B (mm)	Code	A (mm)	B (mm)
	90° External			135° External		
100	4CVOAX90	68/15	176/125	4CVOAX135	75/15	120/66
114	4.5CVOAX90	68/15	185/137	4.5CVOAX135	68/27	120/79
125	5CVOAX90	78/18	210/159	5CVOAX135	63/23	117/79

Gutter Size (mm)	Code	A (mm)	B (mm)	Code	A (mm)	B (mm)
	90° Internal			135° Internal		
100	4CVOAI90	176/125	68/15	4CVOAI135	120/66	75/15
114	4.5CVOAI90	185/137	68/15	4.5CVOAI135	120/79	68/27
125	5CVOAI90	210/159	78/18	5CVOAI135	117/79	63/23

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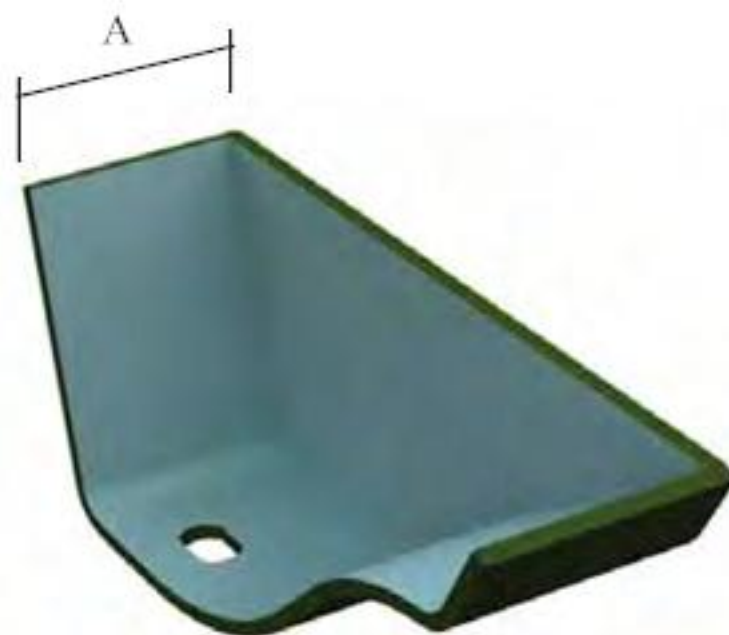
“Legacy” Cast Victorian O.G. Gutter

Gutter Outlets



Gutter Size (mm)	A (mm)	B (mm)	Code	Code	Code
			C=63mm Ø	C=76mm Ø	C=101mm Ø
100	195	29	4CVOO2R	4CVOO2R	-
114	195	29	4.5CVOO2R	4.5CVOO3R	-
125	195	29	5CVOO2R	5CVOO3R	-

Gutter Stopends



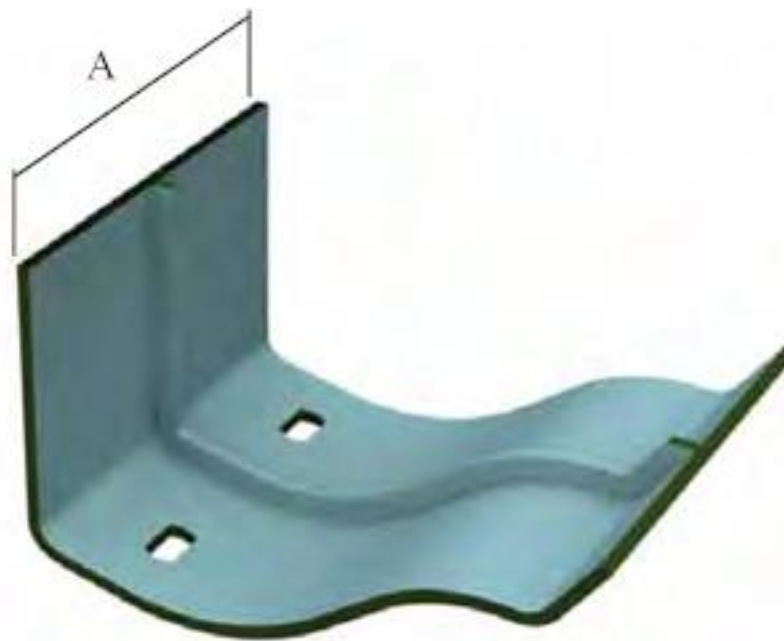
Gutter Size (mm)	A (mm)	Code (External)	Code (Internal)
100	45	4CVOSEX	4CVOSEI
114	45	4.5CVOSEX	4.5CVOSEI
125	45	5CVOSEX	5CVOSEI

Victorian O.G.

“Legacy” Cast Victorian O.G. Gutter

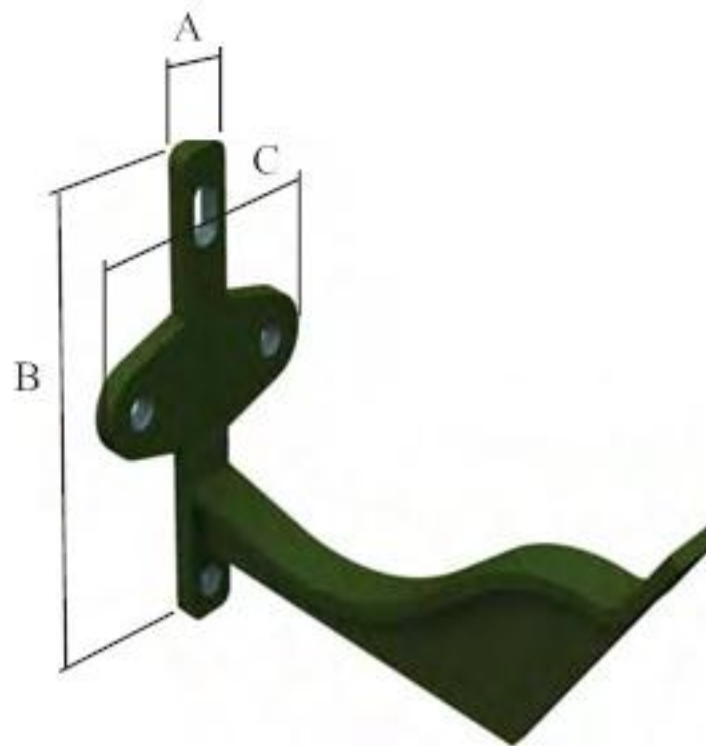
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Union Connectors



Gutter Size (mm)	A (mm)	Code
100	94	4CVUC
114	94	4.5CVUC
125	94	5CVUC

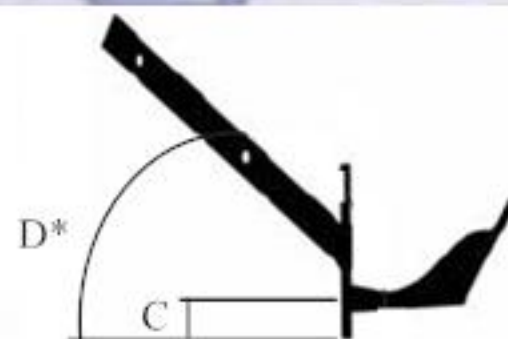
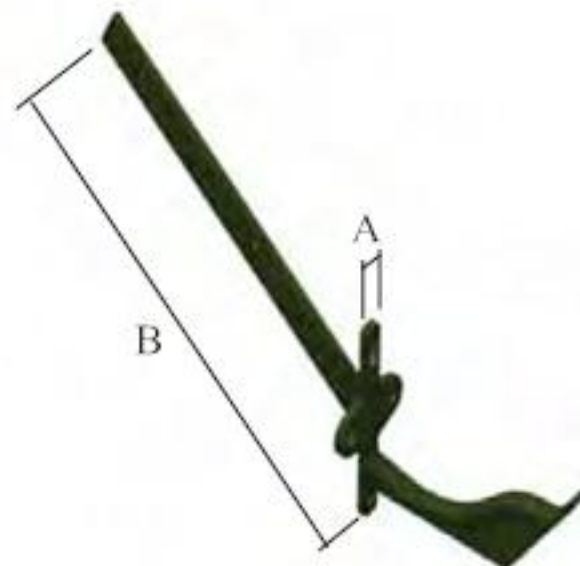
Fascia Brackets



Gutter Size (mm)	A (mm)	B (mm)	C (mm)	Code
100	12	96	54	4CVBF
114	12	96	57	4.5CVBF
125	19	104	65	5CVBF

“Legacy” Cast Victorian O.G. Gutter

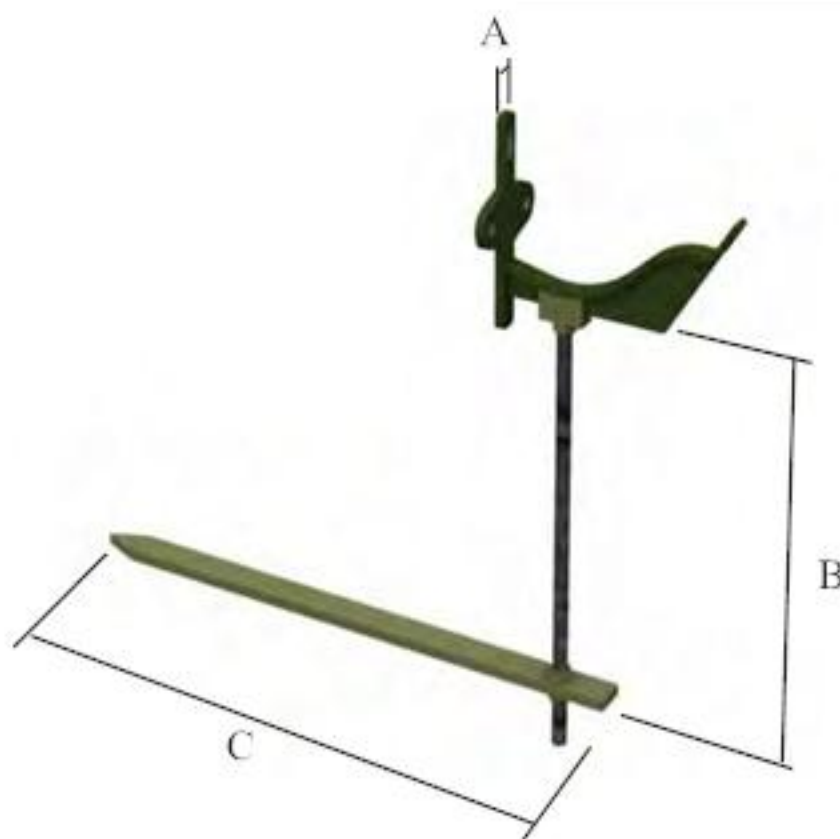
Rafter Bracket



* D, roof pitch in degrees, measured from the horizontal.

Gutter Size (mm)	A (mm)	B (mm)	C (mm)	D °	Code Side Fix	Code Top Fix
100	12	230	38	Specify	4CVOBRS	4CVOBRT
114	12	230	38	Specify	4.5CVOBRS	4.5CVOBRT
125	19	230	38	Specify	5CVOBRS	5CVOBRT

Rise & Fall Bracket



Gutter Size (mm)	A (mm)	B (mm)	C (mm)	Code
100	12	200	330	4CVOBRFS
114	12	200	330	4.5CVOBRFS
125	19	200	330	5CVOBRFS

Victorian O.G.