



Sectional Price List

March 2018



METAL ROOFLINE AND RAINWATER PRODUCTS
The sustainable and eco-friendly alternative to plastic.

ARP is a specialist manufacturer of Architectural Aluminium Roofline Products. Using a combination of extruded, pressed and cast aluminium, ARP offer both the specifier and the installer the highest standards of performance, visual appeal and long life.

ARP also offer high quality primed or painted* Cast Iron rainwater systems, either from stock or with a short lead time.

The industry experience gained over 30 years has enabled ARP to offer a skilled “hands on” approach to customer service whilst building an extensive range of Aluminium Roofline Products, supplied within short lead times allowing us to deliver, even in the most demanding situations.

Through our own in-house technical and estimating departments we are on hand to assist in the feasibility of standard or bespoke systems.

Our organisation has a national network of approved installers who have considerable experience within the metal roofline industry.

ARP can therefore design, manufacture, powder coat and deliver our products where applicable through approved installers.

The standard sectional aluminium prices are included in this publication.

Contact our estimating department for prices on all non-standard materials.

Notes

- All prices are in £ sterling and are exclusive of VAT and delivery charges.
- List prices are subject to trade discounts on application.
- Polyester powder coating is to external faces only as standard.
- Due to continued product development, descriptions and illustrations may change without notice.
- Colours of images in this publication are for illustrative purposes only.
- Please confirm prices at time of ordering.

To be read in conjunction with ARP's Technical Product Guide (available separately) & ARP Ltd's Terms & Conditions of Sale 01/02/02.



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*Black semi gloss as standard, but please check availability of other colours.

Why use ARP?

Quality products at affordable prices

Made from the highest quality aluminium and cast iron - our products are suited to all rainwater and roofline applications and made to stand the test of time. A truly 'fit and forget' solution.

Speed of quotes

Up against tight timescales and you need a quote and quickly, we look to turn your quote around within 24 hours.

Production lead times

We manufacture and paint in-house so can prepare your order in a quick and



timely fashion, helping you to complete your project on time.

Competitive prices

A leading UK manufacturer; we can provide you with the most competitive prices, keeping you on budget.

Technical back up and support

Our technical experts are knowledgeable, friendly and have years of experience. Give us a call if you need assistance, we are only too willing to help. Our Area Managers can offer advice at every stage of construction to help keep projects on track.

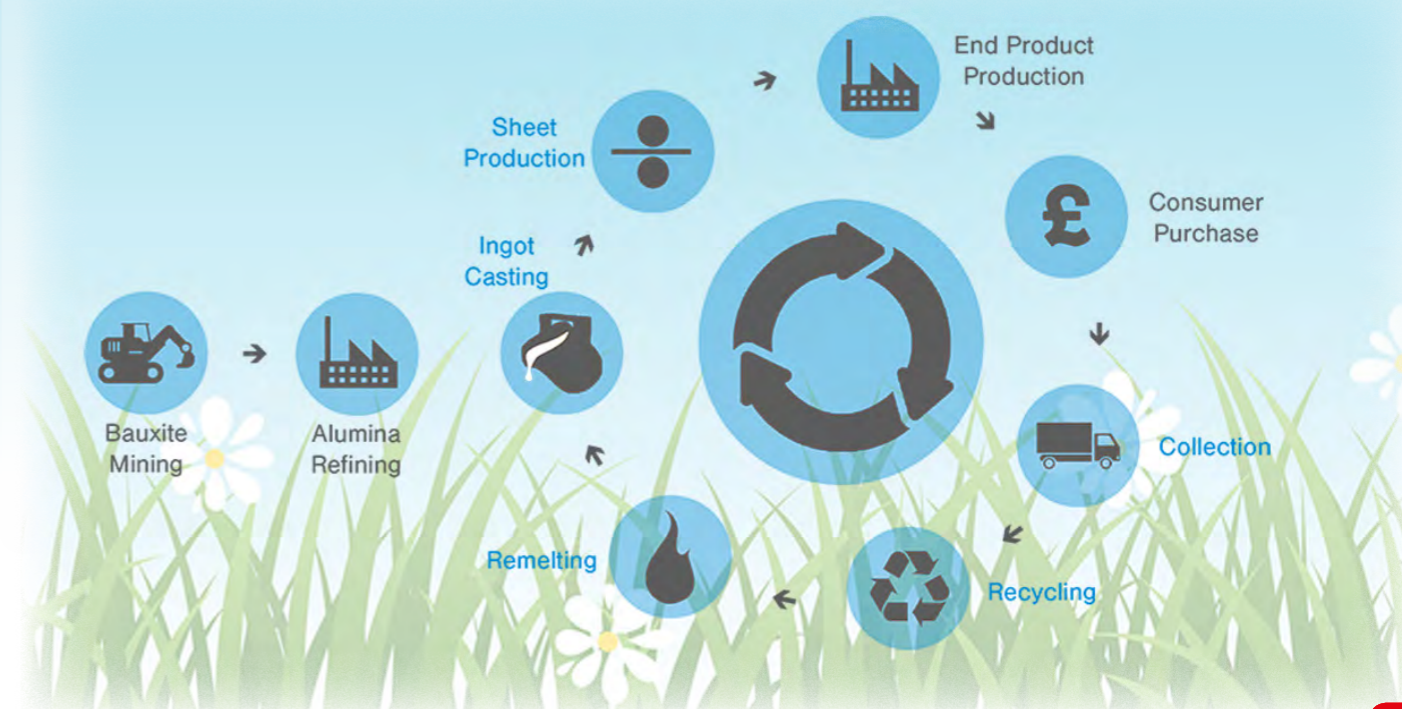
Aluminium Production and Recycling Process

Aluminium is one of the most readily available and sustainable materials used in construction today.

Products made from Aluminium are often made from a high quantity of recycled aluminium and can be readily recycled at the end of its useful life, needing much less energy to recycle

aluminium than used in its initial extraction and production process.

Aluminium that is manufactured today is a resource for the future. Across Europe, end of life recycle rates are greater than 95% for aluminium in the automotive and building industry.



Ordering Hints and Tips

Downpipe Components c/w Cast Eared Collars

When ordering items such as swannecks, Y-branches and bends combined with welded cast eared collars it is necessary to specify the orientation of the collar to avoid mistakes. The following examples and designations should be used whenever possible.

Collars on round components may be orientated at any angle eg. 33° from front. In such cases please supply a drawing or sketch.

Extra Connectors

Consider ordering some extra Union Connectors for gutter lengths or loose cast collars for downpipes, in case of unforeseen cutting requirements on site.

Weather Conditions

Installations should be carried out with regard to local climate conditions and particularly in respect to the likelihood of adverse weather conditions.

Special Profiles

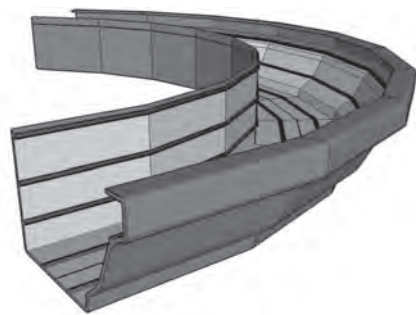
For special profiles ie pressed fascia, soffit or bespoke components from our extruded range, contact our Sales Office on **0116 289 4400** for advice or a quote.

Touch up Paint

Most site work will entail some cutting of lengths, therefore a tin of touch up paint is essential for finishing cut edges.

Radius Gutters

Radius Gutters generally require a template to be provided. They must be **clearly marked with the fascia line** and should be defined as either concave or convex. See drawings below.



Convex (External)



Concave (Internal)

Liability

Whilst the information in this price list is believed to be correct at the time of going to press ARP Ltd cannot be held responsible for any errors or inaccuracies. Due to continued product development, information contained in this publication may be subject to change without notice.

To be read in conjunction with ARP Ltd Terms & Conditions of Sale 01/02/02.

General Information

Special and Non Standards

All specials will be quoted for and charged accordingly.

Radiused gutters

- in the cast aluminium range (Legacy) a tooling cost and metre rate will apply.
- in the extruded/pressed range (Sentinel/Legion) a metre rate will apply.

Non Standard Length of RWP/Gutter

Order any length up to 3m and it will be charged at the nearest higher standard length price.

On Site Service

Site Visit - measuring up - POA.

Technical Visit – POA.

Prices

All prices contained in this publication are given in £ sterling and are exclusive of VAT and delivery.

Trade Discounts

Trade discounts on list prices are available over the full product range (excluding delivery, paint surcharges and sundries), please enquire.

Note - ARP Ltd have a £20 minimum invoice charge.

Technical Advice

ARP offer a full technical service to all our customers, please contact our Sales Office initially and a highly experienced member of our team will be pleased to help.

Polyester Powder Coating

We can supply our aluminium with a PPC coating to a colour of your choice - see page 6 for further details. A standard range of RAL and BS colours are available. Surcharges and minimum charges may apply. Non standard colours are priced on application. All items are coated external face only, PPC both sides - POA.

All reasonable care has been taken in the preparation of this price list. All information, recommendations and guidance notes on the use of the products are made without guarantee since the conditions of use are beyond the control of ARP Ltd. The customer is responsible for ensuring that each product is fit for its intended purpose and that conditions for use are suitable.

The information contained in this price list and advice arising there from is free of charge and accordingly on the terms that no liability for negligence will attach to the company or its servants in relation to any such service arising out of or in connection with this price list.

ARP pursues a policy of constant product development and information contained in this publication is therefore subject to change without notice.

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In-house Polyester Powder Coating

We can provide your aluminium order either mill finished or Polyester Powder Coated (PPC) by our in-house PPC facility.

Save time on site by having your order delivered already painted to a colour of your choice. You can select from any BS/RAL colour – we hold over 200 colours in stock.

Contact us for a swatch on [0116 289 4400](tel:01162894400).



			
Brown Beige RAL 1011 g	Ruby Red RAL 3003 m	Yellow Green RAL 6018 m	Anthracite Grey RAL 7016 m
			
Oyster White RAL 1013 m,s,g	Wine Red RAL 3005 g	Graphite Grey RAL 7024 m,s	Bitter Chocolate BS08B29 m
			
Light Ivory RAL 1015 m,s,g,t*	Sapphire Blue RAL 5003 g	Metallic Silver RAL 9006	Black RAL 9005 m,s,g,t*
			
Cadmium Yellow RAL 1021 m,g	Gentian Blue RAL 5010 m	Slate Grey RAL 7015 m	Pure White RAL 9010 m,s,g
			
Vermillion RAL 2002 g	Moss Green RAL 6005 m,s,g	Chocolate Brown RAL 8017 m	Traffic White RAL 9016 m,s,g

Key: m = matt, s = silk, g = gloss

t* = Leatherette (textured surface similar to traditional cast iron)

This is a selection of popular colours as an example - surcharges are payable on non-standard colours.

Colours reproduced above are for guidance only. Please contact us on [0116 289 4400](tel:01162894400) for a sample.









In-house Conveyorised Wet Paint Line

If you would like your Cast Iron coated prior to delivery, we can provide this service in our own in-house conveyorised paint line.

We have 8 standard colours and access to numerous other colours - save time on site, get us to paint it for you!

Contact us on [0116 289 4400](tel:01162894400) to discuss the colour options we have available.



			
Traffic White RAL 9016	Jet Black RAL 9005	Gentian Blue RAL 5010	Traffic Red RAL 3020
			
Anthracite Grey RAL 7016	Chestnut Brown RAL 8015	Moss Green RAL 6005	Red Oxide RAL 3009

Our standard colours are shown above. All colours are Semi Gloss. If a colour is not specified we will coat in black semi gloss.

Further colour options are available, but may incur a surcharge and require a longer lead time, so please bear this in mind when placing your order.

Colours reproduced above are for guidance only. Please contact us on [0116 289 4400](tel:01162894400) for a sample.

Sectional Aluminium and Cast Iron Price List

Products

LEGION

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LEGACY

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LEGION

Pressed Aluminium Gutters



	100mm	125mm	150mm	200mm
Box Profile	✓	✓	✓	✓
Bespoke profiles made to order				

Legion Pressed Aluminium Gutters have become a popular choice for contemporary designs within the Industrial, Housing and Self-build markets.

With sizes from 100x75mm up to 200x150mm as standard, we can supply bespoke sizes made to order.

- Made from high strength aluminium sheet 1050AH14.
- 100% recyclable.
- Lightweight.
- Variety of profiles available.
- Radius and special fittings can be provided.
- Mill finish or powder coated to your choice of RAL/BS Colour.
- Fitting instructions included with every delivery.



Box Gutter - Joggle Joint

Description	100 x 75mm			125 x 100mm			
	Code	Mill	PPC	Code	Mill	PPC	
Gutter 	3.0m Length*	43BG3S	50.10	72.36	54BG3S	57.15	84.74
	2.5m Length	43BG2.5S	44.42	62.63	54BG2.5S	50.30	72.91
	2.0m Length	43BG2S	37.54	51.83	54BG2S	42.31	60.10
	1.0m Length	43BG1S	26.82	33.57	54BG1S	29.33	38.14
	0.5m Length	43BG0.5S	20.38	24.35	54BG0.5S	21.73	26.55
Angles 	90° External	43BAX90	30.29	34.03	54BAX90	32.95	38.05
	90° Internal	43BAI90	30.29	34.03	54BAI90	32.95	38.05
	135° External	43BAX135	29.44	32.52	54BAX135	31.52	35.47
	135° Internal	43BAI135	29.44	32.52	54BAI135	31.52	35.47
	Non Std	43BAN	POA	POA	54BAN	POA	POA
Outlets 	Ø63mm	43BO2R	22.19	24.24	54BO2R	23.18	25.50
	Ø76mm	43BO3R	22.88	24.86	54BO3R	23.85	26.14
	Ø101mm	43BO4R	24.26	25.59	54BO4R	24.63	27.23
	63mm Sq	43BO2S	22.98	25.45	54BO2S	24.44	26.73
	76mm Sq	43BO3S	23.61	25.59	54BO3S	24.61	26.85
	101x76mm Rect	43BO43	24.54	26.44	54BO43	25.50	27.72
	101mm Sq	43BO4S	24.82	26.72	54BO4S	26.55	29.04
Stopends (150mm Lg) 	LH	43BSEL	15.28	16.41	54BSEL	16.15	17.48
	RH	43BSER	15.28	16.41	54BSER	16.15	17.48
Union Connector 	Union Connector	43BUC	5.41	6.57	54BUC	5.43	6.53
Gutter Brackets 	Fascia	43BBF	4.86	6.29	54BBF	5.02	6.53
	Rafter-Top Fix**	43BBRT	10.92	12.41	54BBRT	11.07	12.62
	Rafter-Side Fix**	43BBRS	10.92	12.41	54BBRS	11.07	12.62
	Rise & Fall (inc.Spike)	43BBRFS	9.81	10.90	54BBRFS	9.96	11.15
Radius Gutters 	True Radius#		POA	POA		POA	POA
	Faceted Radius#		POA	POA		POA	POA

* Effective length is 2.960mm. Lengths, angles and outlets are PPC external face only, supplied with loose top straps. Gutter can be Direct Fix, Rafter fixed or Fascia Bracket fixed at 750mm centres max.
 ** Please advise roof pitch angle. Non standard items - POA.

Box gutters up to 150x150mm made from 1.5mm Aluminium, larger sizes 2mm.
 # 1m max - template required.

Box Gutter - Joggle Joint

Description	150 x 100mm			150 x 150mm			200 x 150mm			
	Code	Mill	PPC	Code	Mill	PPC	Code	Mill	PPC	
Gutter 	3.0m Length*	64BG3S	59.40	88.73	66BG3S	68.97	105.34	86BG3S	74.37	114.25
	2.5m Length	64BG2.5S	52.15	76.33	66BG2.5S	60.27	90.27	86BG2.5S	64.88	97.77
	2.0m Length	64BG2S	43.82	62.82	66BG2S	50.43	74.09	86BG2S	54.21	80.22
	1.0m Length	64BG1S	30.12	39.53	66BG1S	33.77	39.53	86BG1S	36.03	49.73
	0.5m Length	64BG0.5S	22.17	27.24	66BG0.5S	24.35	30.58	86BG0.5S	25.75	32.55
Angles 	90° External	64BAX90	34.65	40.52	66BAX90	37.93	45.25	86BAX90	41.94	51.26
	90° Internal	64BAI90	34.65	40.52	66BAI90	37.93	45.25	86BAI90	41.94	51.26
	135° External	64BAX135	32.71	37.05	66BAX135	35.50	40.85	86BAX135	38.05	44.25
	135° Internal	64BAI135	32.71	37.05	66BAI135	35.50	40.85	86BAI135	38.05	44.25
	Non Std	64BAN	POA	POA	66BAN	POA	POA	86BAN	POA	POA
Outlets 	Ø63mm	64BO2R	23.44	25.97	66BO2R	25.14	28.41	86BO2R	26.38	29.95
	Ø76mm	64BO3R	24.27	26.74	66BO3R	25.85	29.06	86BO3R	27.05	30.58
	Ø101mm	64BO4R	24.91	27.68	66BO4R	26.65	30.26	86BO4R	27.86	31.82
	63mm Sq	64BO2S	24.73	27.17	66BO2S	26.44	29.61	86BO2S	27.67	31.20
	76mm Sq	64BO3S	24.88	27.33	66BO3S	26.62	29.78	86BO3S	27.81	31.30
	101x76mm Rect	64BO43	25.81	28.18	66BO43	27.52	30.63	86BO43	28.70	32.17
	101mm Sq	64BO4S	26.82	29.48	66BO4S	28.55	32.04	86BO4S	29.78	33.62
Stopends (150mm Lg) 	LH	64BSEL	16.62	18.07	66BSEL	16.28	20.10	86BSEL	18.77	20.67
	RH	64BSER	16.62	18.07	66BSER	16.28	20.10	86BSER	18.77	20.67
Union Connector 	Union Connector	64BUC	5.50	6.69	66BUC	6.07	7.41	86BUC	6.57	8.07
Gutter Brackets 	Fascia	64BBF	5.29	6.88	66BBF	5.52	7.20	86BBF	5.70	7.62
	Rafter-Top Fix**	64BBRT	11.34	13.00	66BBRT	11.55	13.37	86BBRT	11.80	13.75
	Rafter-Side Fix**	64BBRS	11.34	13.00	66BBRS	11.55	13.37	86BBRS	11.80	13.75
	Rise & Fall (inc spike)	64BBRFS	10.21	11.49	66BBRFS	10.46	11.82	86BBRFS	10.69	12.24
Radius Gutters 	True Radius#		POA	POA		POA	POA		POA	POA
	Faceted Radius#		POA	POA		POA	POA		POA	POA

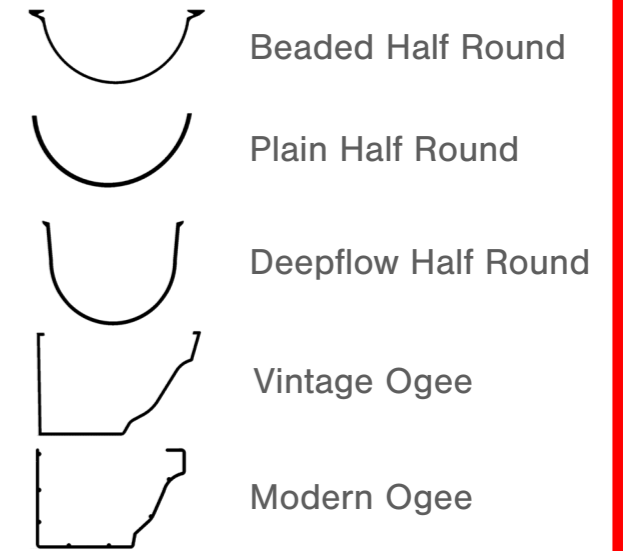
* Effective length is 2.960mm. Lengths, angles and outlets are PPC external face only, supplied with loose top straps. Gutter can be Direct Fix, Rafter fixed or Fascia Bracket fixed at 750mm centres max.

** Please advise roof pitch angle. Non standard items - POA. Box gutters up to 150x150mm made from 1.5mm Aluminium, larger sizes 2mm.
 # 1m max - template required.

Description		Code	Mill	PPC
Box c/w Apron 	Type 1 (425mm Girth) 3m Length	PG450-2-3/3	POA	POA
Simple Ogee 	Type 2 (385mm Girth) 3m Length	PG400-2-3/3	POA	POA
Radius Front 	Type 3 (300mm Girth) 3m Length	PG300-2-3/3	POA	POA
Angled Face 	Type 4 (295mm Girth) 3m Length	PG300-2-3/3	POA	POA
Parapet 	Type 5 (500mm Girth) 3m Length	PG500-2-3/3	POA	POA
Angled Box 	Type 6 (375mm Girth) 3m Length	PG400-2-3/3	POA	POA

Lengths, angles and outlets are PPC external face only and supplied with one Union Connector. PPC both sides - POA. Gutters can either be Direct or Fascia Bracket fixed. Other girths and profiles available, please enquire.

Extruded Aluminium Gutters



	112mm	125mm	150mm	200mm
Beaded Half Round Snap-fit	✓	✓	✓	
Plain Half Round		✓		
Deepflow Half Round		✓		
Direct Fix Deepflow Half Round		✓		
Vintage Ogee Snap-fit		✓	✓	
Modern Ogee				✓

Extruded aluminium gutters are a fantastic option due to their smooth lines, clean appearance and robust properties.

With plenty of profile options and providing 'fit and forget' peace of mind, extruded systems have become a real sustainable choice to both homeowner and specifier.

- Made from aluminium alloy 6063 to BS1474:1972.
- 100% recyclable.
- Lightweight.
- Variety of profiles available.
- Radius and special fittings can be provided.
- Mill finish or powder coated to your choice of RAL/BS Colour.
- Full fitting instructions included with every delivery.



Description	112mm			125mm			150mm**			
	Code	Mill	PPC	Code	Mill	PPC	Code	Mill	PPC	
Gutter 	3.0m Length	4BHRG3	37.53	56.43	5BHRG3	42.86	62.97	6BHRG3	62.18	85.65
	2.5m Length	4BHRG2.5	32.83	48.47	5BHRG2.5	37.41	54.05	6BHRG2.5	53.63	73.03
	2.0m Length	4BHRG2	27.82	40.23	5BHRG2	31.62	44.78	6BHRG2	44.69	60.08
	1.0m Length	4BHRG1	17.81	23.74	5BHRG1	19.99	26.31	6BHRG1	26.86	34.23
	0.5m Length	4BHRG0.5	12.79	15.51	5BHRG0.5	14.21	17.03	6BHRG0.5	17.96	21.30
Angles 	90° Angle	4BHRA90	19.63	23.52	5BHRA90	22.71	26.76	6BHRA90	27.09	31.95
	135° Angle	4BHRA135	18.19	22.17	5BHRA135	20.74	24.89	6BHRA135	24.05	29.12
	Non Std	4BHRAN	POA	POA	5BHRAN	POA	POA	6BHRAN	POA	POA
Outlets 	Ø63mm	4BHRO2R	17.91	19.02	5BHRO2R	19.49	20.64	6BHRO2R	22.04	23.52
	Ø76mm	4BHRO3R	17.95	19.04	5BHRO3R	19.53	20.70	6BHRO3R	22.06	23.55
	Ø101mm	4BHRO4R	-	-	5BHRO4R	20.70	21.78	6BHRO4R	23.21	24.61
	63mm Sq	4BHRO2S	19.12	20.13	5BHRO2S	20.81	21.88	6BHRO2S	23.76	25.08
	76mm Sq	4BHRO3S	19.34	20.36	5BHRO3S	21.04	22.09	6BHRO3S	23.98	25.32
	101x76mm Rect	4BHRO43	19.73	20.41	5BHRO43	21.44	22.44	6BHRO43	23.98	25.32
	101mm Sq	4BHRO4S	-	-	5BHRO4S	22.07	23.09	6BHRO4S	24.56	25.88
Stopends 	Stopend (universal)	4BHRSE	6.33	7.71	5BHRSE	6.81	8.31	6BHRSE	7.68	9.52
Union Connector 	Union Connector (extra/overs)	4BHRUC	5.03	6.52	5BHRUC	5.69	7.26	6BHRUC	6.00	7.61
Gutter Brackets 	Fascia	4BHRBF	3.16	5.15	5BHRBF	3.21	5.18	6BHRBF	3.31	5.35
	Rafter-Top Fix*	4BHRBRT	9.37	14.18	5BHRBRT	9.44	14.22	6BHRBRT	9.59	14.36
	Rafter-Side Fix*	4BHRBRS	9.37	14.18	5BHRBRS	9.44	14.22	6BHRBRS	9.59	14.36
	Rise & Fall (inc spike)	4BHRBRFS	9.45	11.78	5BHRBRFS	9.52	11.83	6BHRBRFS	9.64	11.96
Radius Gutters 	Faceted Radius#		POA	POA		POA	POA		POA	POA


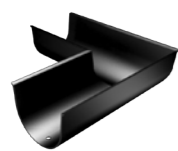

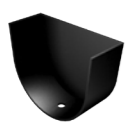
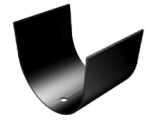


Lengths, angles and outlets are PPC external face only and supplied with one union connector FOC. PPC both sides - POA.
* please advise roof pitch angle.

Fascia brackets to be fixed at 750mm centres max.
Non standard items - compound angles, back outlets etc - POA.
1m max - template required.
** 150 mm is a bolted system

Description	125mm			
	Code	Mill	PPC	
Extruded Gutter 	2m Length	5PHRG2	36.31	45.39
Cast Gutter Angles 	90° Angle Internal	5PHRAI90	16.42	20.71
	90° Angle External	5PHRAX90	16.42	20.71
	135° Angle Internal	5PHRAI135	16.42	20.71
	135° Angle External	5PHRAX135	16.42	20.71
	Non Std	5PHRAN	POA	POA
Cast Gutter Outlets 	Ø63mm	5PHROO2R	19.10	20.41
	Ø76mm	5PHROO3R	19.10	20.41
Cast Stopends 	Stopend External	5PHRSEX	6.58	8.19
	Stopend Internal	5PHRSEI	6.58	8.19
Cast Union Connector 	Union Connector (extra/overs)	5PHRUC	7.02	8.40
Cast Gutter Brackets 	Fascia	5PHRBF	5.36	6.84
	Rafter-Top Fix*	5PHRBRT	10.08	14.72
	Rafter-Side Fix*	5PHRBRS	10.08	14.72
	Rise & Fall (inc spike)	5PHRBRFS	11.33	13.65
Radius Gutters 	Faceted Radius#		POA	POA

Lengths, angles and outlets are PPC external face only & supplied with one union connector FOC. PPC both sides - POA.
* please advise roof pitch angle.

Fascia brackets to be fixed at 750mm centres max.
Non standard items - compound angles, back outlets etc - POA.
1 m max - template required.

Description	125x100mm			
	Code	Mill	PPC	
 Gutter	3.0m Length	54DHRG3	54.26	87.55
	2.5m Length	54DHRG2.5	46.94	74.54
	2.0m Length	54DHRG2	39.30	61.29
	1.0m Length	54DHRG1	24.02	34.71
	0.5m Length	54DHRG0.5	16.37	21.49
 Angles	90° Angle	54DHRA90	24.30	28.23
	135° Angle	54DHRA135	21.70	25.80
	Non Std	54DHRAN	POA	POA
 Outlets	Ø63mm	54DHRO2R	20.65	22.96
	Ø76mm	54DHRO3R	20.65	22.96
	Ø101mm	54DHRO4R	21.32	23.58
	63mm Sq	54DHRO2S	21.20	23.44
	76mm Sq	54DHRO3S	21.67	23.90
	101x76mm Rect	54DHRO43	22.04	24.25
	101mm Sq	54DHRO4S	22.11	24.32
 Stopends	Stopend (universal)	54DHRSE	11.44	12.63
 Union Connector	Union Connector (extra/overs)	54DHRUC	5.73	7.30
 Gutter Brackets	Fascia	54DHRBF	3.15	4.85
	Rafter-Top Fix*	54DHRBRT	12.48	17.06
	Rafter-Side Fix*	54DHRBRS	12.48	17.06
	Rise & Fall (inc spike)	54DHRBRFS	9.35	11.28
 Radius Gutters	Faceted Radius#		POA	POA

Lengths, angles and outlets are PPC external face only and supplied with one union connector FOC. PPC both sides - POA.
* please advise roof pitch angle.

Fascia brackets to be fixed at 750mm centres max.
Non standard items - compound angles, back outlets etc - POA.
1m max - template required.

Description	100x75mm			125x100mm			150x100mm			
	Code	Mill	PPC	Code	Mill	PPC	Code	Mill	PPC	
 Gutter	3.0m Length	43VOG3	39.78	70.35	54VOG3	43.39	78.63	64VOG3	59.19	95.93
	2.5m Length	43VOG2.5	35.05	59.91	54VOG2.5	37.17	66.46	64VOG2.5	50.38	80.93
	2.0m Length	43VOG2	26.16	49.18	54VOG2	30.91	54.27	64VOG2	41.54	65.94
	1.0m Length	43VOG1	16.36	26.84	54VOG1	18.46	29.96	64VOG1	23.92	35.91
	0.5m Length	43VOG0.5	10.89	15.21	54VOG0.5	12.21	17.79	64VOG0.5	15.13	20.91
 Angles	90° External	43VOAX90	14.96	22.80	54VOAX90	18.03	22.95	64VOAX90	23.57	28.14
	90° Internal	43VOAI90	14.96	22.80	54VOAI90	18.03	22.95	64VOAI90	23.57	28.14
	135° External	43VOAX135	13.91	20.44	54VOAX135	16.46	21.47	64VOAX135	20.68	25.41
	135° Internal	43VOAI135	13.91	20.44	54VOAI135	16.46	21.47	64VOAI135	20.68	25.41
	Non Std	43VOAN	POA	POA	54VOAN	POA	POA	64VOAN	POA	POA
 Outlets	Ø63mm	43VOO2R	14.50	16.20	54VOO2R	14.69	17.64	64VOO2R	16.28	19.30
	Ø76mm	43VOO3R	15.32	17.31	54VOO3R	15.51	19.17	64VOO3R	17.03	20.03
	Ø101mm	43VOO4R	-	-	54VOO4R	16.31	19.12	64VOO4R	17.91	20.84
	63mm Sq	43VOO2S	14.69	16.39	54VOO2S	15.30	18.17	64VOO2S	16.84	19.83
	76mm Sq	43VOO3S	15.55	17.46	54VOO3S	15.74	18.64	64VOO3S	17.19	20.17
	101x76mm Rect	43VOO43	15.95	17.57	54VOO43	16.14	19.01	64VOO43	17.54	20.51
	101mm Sq	43VOO4S	-	-	54VOO4S	17.32	20.08	64VOO4S	18.73	21.61
 Stopends	LH	43VOSEL	6.49	7.87	54VOSEL	7.41	8.89	64VOSEL	7.85	9.29
	RH	43VOSER	6.49	7.87	54VOSER	7.41	8.89	64VOSER	7.85	9.29
 Union Connector	Union Connector (extra/overs)	43VOUC	4.10	5.53	54VOUC	2.84	4.38	64VOUC	3.22	4.67
 Gutter Brackets	Fascia	43VOBF	3.83	5.16	54VOBF	4.21	5.84	64VOBF	4.59	6.20
	Rafter-Top Fix*	43VOBRT	10.75	14.12	54VOBRT	11.16	14.49	64VOBRT	11.55	14.89
	Rafter-Side Fix*	43VOBRS	10.75	14.12	54VOBRS	11.16	14.49	64VOBRS	11.55	14.89
	Rise & Fall (inc spike)	43VOBRFS	10.03	11.55	54VOBRFS	10.40	11.92	64VOBRFS	10.79	12.28
 Radius Gutters	Faceted Radius#		POA	POA		POA	POA		POA	POA

Lengths, angles and outlets are PPC external face only and supplied with one union connector FOC. PPC both sides - POA.
* please advise roof pitch angle.
Fascia brackets to be fixed at 750mm centres max.

Non standard items - compound angles, back outlets etc - POA.
1m max - template required.

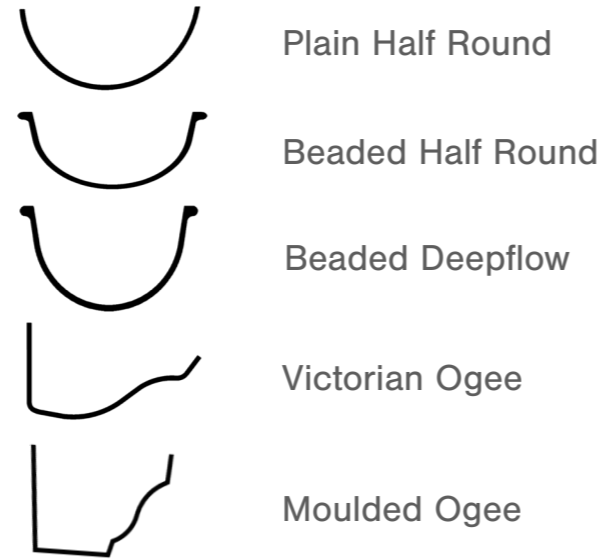
Description	200x150mm			
	Code	Mill	PPC	
Gutter 	3.0m Length	86MOG3	130.10	173.30
	2.5m Length	86MOG2.5	108.73	144.75
	2.0m Length	86MOG2	87.40	116.17
	1.0m Length	86MOG1	44.72	59.06
	0.5m Length	86MOG0.5	23.37	30.52
Angles 	90° External	86MOAX90	35.50	39.30
	90° Internal	86MOAI90	35.50	39.30
	135° External	86MOAX135	28.46	32.72
	135° Internal	86MOAI135	28.46	32.72
	Non Std	86MOAN	POA	POA
Outlets 	Ø63mm	86MOO2R	23.98	27.50
	Ø76mm	86MOO3R	24.75	28.23
	Ø101mm	86MOO4R	25.61	29.03
	63mm Sq	86MOO2S	24.57	28.06
	76mm Sq	86MOO3S	24.89	28.39
	101x76mm Rect	86MOO43	25.25	28.70
	101mm Sq	86MOO4S	26.43	29.80
Stopends 	LH	86MOSEL	9.91	11.22
	RH	86MOSER	9.91	11.22
Union Connector 	Union Connector (extra/overs)	86MOUC	6.20	7.51
Radius Gutters 	Faceted Radius#		POA	POA

Lengths, angles and outlets are PPC external face only and supplied with one union connector FOC. PPC both sides - POA.

Non standard items - compound angles, back outlets etc - POA. # 1m max - template required.



Cast Aluminium Gutters



	100mm (4")	114mm (4.5")	125mm (5")	150mm (6")
Plain Half Round	✓	✓	✓	✓
Beaded Half Round	✓	✓	✓	
Beaded Deepflow		✓		
Victorian Ogee	✓	✓	✓	
Moulded Ogee	✓		✓	✓

Cast aluminium gutters have become the widely accepted alternative to Cast Iron and are now a first choice owing to their lightweight, corrosion resistant, low maintenance and aesthetically pleasing characteristics.

- Made from aluminium alloy LM6 to BS5750:2008.
- 100% recyclable.
- Lightweight.
- Marine grade.
- Variety of profiles available.
- Radius and special fittings can be provided.
- Mill finish or powder coated to your choice of RAL/BS Colour.
- Fitting instructions included with every delivery.



Plain Half Round - Cast Aluminium

Description	100mm			114mm			
	Code	Mill	PPC	Code	Mill	PPC	
Gutter  1.8m Length	4CHRG1.8	38.19	48.72	4.5CHRG1.8	38.19	48.72	
Angles 	90° External 90° Internal 135° External 135° Internal Non Std	4CHRAX90 4CHRAI90 4CHRAX135 4CHRAI135 4CHRAN	14.16 14.16 14.16 14.16 POA	17.91 17.91 17.91 17.91 POA	4.5CHRAX90 4.5CHRAI90 4.5CHRAX135 4.5CHRAI135 4.5CHRAN	14.16 14.16 14.16 14.16 POA	17.91 17.91 17.91 17.91 POA
Outlets 	Ø63mm Ø76mm	4CHRO2R 4CHRO3R	15.78 15.78	16.84 16.84	4.5CHRO2R 4.5CHRO3R	18.12 18.12	19.02 19.02
Stopends 	External Internal	4CHRSEX 4CHRSEI	5.63 5.63	6.95 6.95	4.5CHRSEX 4.5CHRSEI	5.83 5.83	7.11 7.11
Union Connector 	Union Connector (extra/overs)	4CHRUC	6.07	7.09	4.5CHRUC	6.64	7.63
Gutter Brackets 	Fascia Rafter-Top Fix* Rafter-Side Fix* Rise & Fall (inc spike)	4CHRBF 4CHRBRT 4CHRBRS 4CHRBDFS	2.86 7.05 7.05 8.67	4.10 11.47 11.47 11.05	4.5CHRBF 4.5CHRBRT 4.5CHRBRS 4.5CHRBDFS	3.39 7.57 7.57 9.15	4.58 11.94 11.94 11.46
Radius Gutters 	True Radius# Faceted Radius#			POA POA		POA POA	POA POA

Lengths, angles and outlets are left hand systems.
* please advise roof pitch angle.
1m max - template required.

Fascia Brackets to be fixed at 915mm centres max.
Non standard items - compound angles, back outlets etc - POA.

Plain Half Round - Cast Aluminium

Description	125mm			150mm		
	Code	Mill	PPC	Code	Mill	PPC
 1.8m Length	5CHRG1.8	46.63	57.20	6CHRG1.8	71.69	83.89
Angles  90° External 90° Internal 135° External 135° Internal Non Std	5CHRAX90 5CHRAI90 5CHRAX135 5CHRAI135 5CHRAN	15.54 15.54 15.54 15.54 POA	19.59 19.59 19.59 19.59 POA	6CHRAX90 6CHRAI90 6CHRAX135 6CHRAI135 6CHRAN	21.39 21.39 21.39 21.39 POA	25.44 25.44 25.44 25.44 POA
Outlets  Ø63mm Ø76mm Ø101mm	5CHRO2R 5CHRO3R -	18.07 18.07 -	19.31 19.31 -	6CHRO2R 6CHRO3R 6CHRO4R	22.63 22.63 22.63	24.67 24.67 24.67
Stopends  External Internal	5CHRSEX 5CHRSEI	6.23 6.23	7.74 7.74	6CHRSEX 6CHRSEI	8.75 8.75	10.92 10.92
Union Connector  Union Connector (extra/overs)	5CHRUC	6.64	7.94	6CHRUC	9.23	10.67
Gutter Brackets  Fascia Rafter-Top Fix* Rafter-Side Fix* Rise & Fall (inc spike)	5CHRBF 5CHRBRT 5CHRBRBS 5CHRBRFS	5.07 9.53 9.53 10.72	6.47 13.93 13.93 12.92	6CHRBF 6CHRBRT 6CHRBRBS 6CHRBRFS	5.90 10.59 10.59 11.59	8.25 15.12 15.12 13.64
Radius Gutters  True Radius# Faceted Radius#		POA POA	POA POA		POA POA	POA POA

Lengths, angles and outlets are left hand systems.
 Fascia Brackets to be fixed at 915mm centres max.
 Non standard items - compound angles, back outlets etc - POA.

* please advise roof pitch angle.
 # 1m max - template required.

Beaded Half Round - Cast Aluminium

Description	100mm			114mm			125mm		
	Code	Mill	PPC	Code	Mill	PPC	Code	Mill	PPC
 1.8m Length	4CBHRG1.8	51.96	61.60	4.5CBHRG1.8	58.38	67.63	5CBHRG1.8	65.14	82.58
Angles  90° External 90° Internal 135° External 135° Internal Non Std	4CBHRAX90 4CBHRAI90 4CBHRAX135 4CBHRAI135 4CBHRAN	18.79 18.79 18.79 18.79 POA	22.26 22.26 22.26 22.26 POA	4.5CBHRAX90 4.5CBHRAI90 4.5CBHRAX135 4.5CBHRAI135 4.5CBHRAN	18.79 18.79 18.79 18.79 POA	22.26 22.26 22.26 22.26 POA	5CBHRAX90 5CBHRAI90 5CBHRAX135 5CBHRAI135 5CBHRAN	22.01 22.01 22.01 22.01 POA	25.27 25.27 25.27 25.27 POA
Outlets  Ø63mm Ø76mm	4CBHRO2R 4CBHRO3R	21.86 21.86	23.02 23.02	4.5CBHRO2R 4.5CBHRO3R	23.45 23.45	24.73 24.73	5CBHRO2R 5CBHRO3R	25.03 25.03	26.38 26.38
Stopends  External Internal	4CBHRSEX 4CBHRSEI	7.24 7.24	8.41 8.41	4.5CBHRSEX 4.5CBHRSEI	7.36 7.36	8.55 8.55	5CBHRSEX 5CBHRSEI	7.72 7.72	8.89 8.89
Union Connector  Union Connector (extra/overs)	4CBHRUC	8.19	9.09	4.5CBHRUC	8.82	9.68	5CBHRUC	9.45	10.27
Gutter Brackets  Fascia Rafter-Top Fix* Rafter-Side Fix* Rise & Fall (inc spike)	4CBHRBF 4CBHRBRT 4CBHRBRBS 4CBHRBRFS	6.05 10.28 10.28 11.47	7.06 14.48 14.48 13.49	4.5CBHRBF 4.5CBHRBRT 4.5CBHRBRBS 4.5CBHRBRFS	6.16 10.42 10.42 11.59	7.21 14.61 14.61 13.65	5CBHRBF 5CBHRBRT 5CBHRBRBS 5CBHRBRFS	7.21 11.77 11.77 12.77	8.16 15.88 15.88 14.70
Radius Gutters  True Radius# Faceted Radius#		POA POA	POA POA		POA POA	POA POA		POA POA	POA POA

Lengths, angles and outlets are left hand systems.
 Fascia Brackets to be fixed at 915mm centres max.
 Non standard items - compound angles, back outlets etc - POA.

* please advise roof pitch angle.
 # 1m max - template required.

Deep Beaded Half Round - Cast Aluminium

Description	114x75mm		
	Code	Mill	PPC
Gutter  1.8m Length	4.5CDBHRG1.8	77.78	87.05
Angles  90° External 90° Internal 135° External 135° Internal Non Std	4.5CDBHRAX90 4.5CDBHRAI90 4.5CDBHRAX135 4.5CDBHRAI135 4.5CDBHRAN	32.50 32.50 34.21 34.21 POA	36.66 36.66 38.59 38.59 POA
Outlets  Ø63mm Ø76mm	4.5CDBHRO2R 4.5CDBHRO3R	29.19 30.73	30.89 32.51
Stopends  External Internal	4.5CDBHRSEX 4.5CDBHRSEI	15.54 15.54	17.06 17.06
Union Connector  Union Connector (extra/overs)	4.5CDBHRUC	15.89	17.12
Gutter Brackets  Fascia Rafter-Top Fix* Rafter-Side Fix* Rise & Fall (inc spike)	4.5CDBHRBF 4.5CDBHRBRT 4.5CDBHRBRS 4.5CDBHRBRFS	14.92 20.58 20.58 22.05	16.01 24.43 24.43 23.63
Radius Gutters  True Radius# Faceted Radius#		POA POA	POA POA

Lengths, angles and outlets are left hand systems.
 Fascia brackets to be fixed at 915mm centres max.
 Non standard items - compound angles, back outlets etc - POA.

* Please advise roof pitch angle.
 # 1m max - template required.

Victorian Ogee - Cast Aluminium

Description	100mm			114mm			125mm		
	Code	Mill	PPC	Code	Mill	PPC	Code	Mill	PPC
Gutter  1.8m Length	4CVOG1.8	41.50	51.82	4.5CVOG1.8	51.63	61.29	5CVOG1.8	51.36	61.59
Angles  90° External 90° Internal 135° External 135° Internal Non Std	4CVOAX90 4CVOAI90 4CVOAX135 4CVOAI135 4CVOAN	14.23 14.23 14.23 14.23 POA	17.97 17.97 17.97 17.97 POA	4.5CVOAX90 4.5CVOAI90 4.5CVOAX135 4.5CVOAI135 4.5CVOAN	17.18 17.18 17.18 17.18 POA	20.73 20.73 20.73 20.73 POA	5CVOAX90 5CVOAI90 5CVOAX135 5CVOAI135 4.5CVOAN	20.12 20.12 20.12 20.12 POA	23.87 23.87 23.87 23.87 POA
Outlets  Ø63mm Ø76mm	4CVOO2R 4CVOO3R	15.36 15.36	16.44 16.44	4.5CVOO2R 4.5CVOO3R	17.65 22.05	18.87 23.59	5CVOO2R 5CVOO3R	18.33 22.50	19.66 24.13
Stopends  External Internal	4CVOSEX 4CVOSEI	6.28 6.28	7.54 7.54	4.5CVOSEX 4.5CVOSEI	6.28 6.28	7.54 7.54	5CVOSEX 5CVOSEI	8.71 8.71	10.08 10.08
Union Connector  Union Connector (extras/overs)	4CVOUC	6.64	7.63	4.5CVOUC	7.21	8.16	5CVOUC	8.71	9.89
Gutter Brackets  Fascia Rafter-Top Fix* Rafter-Side Fix* Rise & Fall (inc spike)	4CVOBF 4CVOBRT 4CVOBRS 4CVOBRFS	4.54 9.10 9.10 10.40	5.97 13.38 13.38 12.51	4.5CVOBF 4.5CVOBRT 4.5CVOBRS 4.5CVOBRFS	4.78 9.17 9.17 10.49	6.20 13.45 13.45 12.57	5CVOBF 5CVOBRT 5CVOBRS 5CVOBRFS	6.97 11.30 11.30 12.52	8.25 15.60 15.60 14.59
Radius Gutters  True Radius# Faceted Radius#		POA POA	POA POA		POA POA	POA POA		POA POA	POA POA

Lengths, angles and outlets are left hand systems.
 Fascia Brackets to be fixed at 915mm centres max.
 Non standard items - compound angles, back outlets etc - POA.

* Please advise roof pitch angle.
 # 1m max - template required.

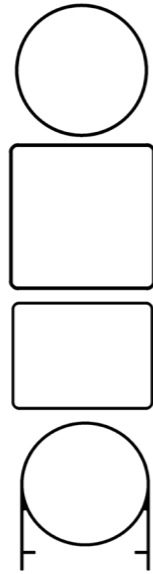
Description	100x75mm			125x100mm			150x100mm			
	Code	Mill	PPC	Code	Mill	PPC	Code	Mill	PPC	
Gutter  1.8m Length	43CMOG1.8	76.92	93.26	54CMOG1.8	88.16	105.53	64CMOG1.8	101.64	121.15	
Angles 	90° External	43CMOAX90	16.27	20.21	54CMOAX90	22.17	26.26	64CMOAX90	49.91	54.78
	90° Internal	43CMOAI90	16.27	20.21	54CMOAI90	22.17	26.26	64CMOAI90	49.91	54.78
	135° External	43CMOAX135	16.27	20.21	54CMOAX135	22.17	26.26	64CMOAX135	49.91	54.78
	135° Internal	43CMOAI135	16.27	20.21	54CMOAI135	22.17	26.26	64CMOAI135	49.91	54.78
	Non Std	43CMOAN	POA	POA	54CMOAN	POA	POA	64CMOAN	POA	POA
Outlets 	Ø63mm	43CMOO2R	20.27	22.28	54CMOO2R	23.62	25.60	64CMOO2R	49.91	52.51
	Ø76mm	43CMOO3R	32.51	33.73	54CMOO3R	23.62	25.60	64CMOO3R	49.91	52.51
	Ø101mm	-	-	-	-	-	-	64CMOO4R	49.91	52.51
	76mm Sq	43CMOO3S	52.75	54.15	54CMOO3S	31.32	34.37	64CMOO3S	89.99	93.49
	101x76mm Rect	43CMOO43	52.75	54.15	54CMOO43	45.11	47.25	64CMOO43	89.99	93.49
	101mm Sq	-	-	-	-	-	-	64CMOO4S	89.99	93.49
Stopends 	External	43CMOSEX	9.60	11.19	54CMOSEX	9.60	10.75	64CMOSEX	18.77	20.14
	Internal	43CMOSEI	9.60	11.19	54CMOSEI	9.60	10.75	64CMOSEI	18.77	20.14
Union Connector 	Union Connector (extras/overs)	43CMOUC	10.12	10.97	54CMOUC	10.59	11.54	64CMOUC	18.77	19.74
Gutter Brackets 	Fascia	43CMOBF	7.52	8.57	54CMOBF	7.52	8.57	64CMOBF	14.34	15.13
	Rafter-Top Fix*	43CMOBRT	11.93	14.42	54CMOBRT	12.12	14.55	64CMOBRT	18.98	21.26
	Rafter-Side Fix*	43CMOBRS	11.93	14.42	54CMOBRS	12.12	14.55	64CMOBRS	18.98	21.26
	Rise & Fall (inc Spike)**	43CMOBRFS	13.29	13.97	54CMOBRFS	13.56	14.47	64CMOBRFS	20.41	21.09
	Direct Fix Bracket	43CMOBDF	2.96	4.28	CMOGWEDGE	2.96	4.28	CMOGWEDGE	2.96	4.28
Radius Gutters 	True Radius#		POA	POA		POA	POA		POA	POA
	Faceted Radius#		POA	POA		POA	POA		POA	POA

Lengths, angles and outlets are left hand systems.
Fascia brackets to be fixed at 915mm centres max.
Non standard items - compound angles, back outlets etc - POA.

* Please advise roof pitch angle.
** Direct Fix bracket is required.
1m max - template required.



Aluminium Rainwater Pipes



Round

Square

Rectangular

Security

	63mm Dia	63mm Sq	76mm Dia	76mm Sq	101mm Dia	101mm Sq	101x76mm	150mm Dia	150mm Sq
Swaged	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cast Collared	✓		✓	✓	✓	✓	✓	✓	
Flush Joint	✓		✓	✓	✓	✓	✓	✓	✓
Security			✓	✓	✓	✓			
Pressed Hoppers	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cast Hoppers	✓	✓	✓	✓	✓	✓	✓		

Colonnade downpipes are available in circular, square, rectangular and security styles. With a number of different profiles, they are lightweight and easy to fit. Ideal for any property, from modern to traditional and equally suited for refurbishment of Heritage or Listed properties.

- Lightweight.
- Corrosive resistant.
- Low maintenance.
- Aesthetically pleasing.
- Environmentally friendly.
- Recyclable.
- Mill finish or powder coated to specific RAL/BS colour.






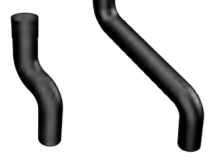




Circular RWP - Swaged Collar

Description	63mm Round			76mm Round			
	Code	Mill	PPC	Code	Mill	PPC	
Pipe 	3.0m Length	2RDP3	26.74	51.25	3RDP3	32.08	56.27
	2.5m Length	2RDP2.5	22.40	43.03	3RDP2.5	26.87	47.26
	2.0m Length	2RDP2	17.91	32.58	3RDP2	21.50	35.98
	1.5m Length	2RDP1.5	13.55	25.97	3RDP1.5	16.27	28.51
	1.0m Length	2RDP1	9.81	18.01	3RDP1	11.62	19.69
	0.5m Length	2RDP0.5	5.50	9.51	3RDP0.5	6.39	10.35
Bends 	Std 92.5°,112.5°,135°	2RB_	9.00	14.19	3RB_	9.73	14.86
	Non Std	2RBN_	POA	POA	3RBN_	POA	POA
Y-Branch* 	Single Std 92.5°,112.5°,135°	2RY_	25.95	31.24	3RY_	27.18	32.40
	Non Std	2RYN_	POA	POA	3RYN_	POA	POA
	Double Std 92.5°,112.5°,135°	2RYD_	47.11	52.13	3RYD_	48.14	53.45
	Non Std	2RYDN_	POA	POA	3RYDN_	POA	POA
Water Butt Deflector Kits 	Water Butt Deflector Kits	2RWBD	42.36	43.39	3RWBD	43.42	45.43
Shoe & Access Pipe 	Shoe	2RS	8.41	12.79	3RS	8.84	13.22
	Access Pipe	2RAPP	14.31	20.01	3RAPP	14.91	20.56
	Access Plate only	2RAP	5.21	8.22	3RAP	5.21	8.22
Swanneck* 	1 pt - 30-150mm	2RSN_	16.05	26.62	3RSN_	18.32	28.76
	2 pt - 400mm	2RSN_	20.52	30.82	3RSN_	24.20	34.26
	2 pt - 750mm	2RSN_	24.06	34.12	3RSN_	29.04	38.81
	2pt -1000mm	2RSN_	26.24	36.18	3RSN_	31.04	40.67
	Non Std	2RSNN_	POA	POA	3RSNN_	POA	POA
Loose Connector & Drain Adaptor 	Loose Connector	2RC	8.42	12.03	3RC	9.81	13.36
	Drain Adaptor	2RDA	13.08	16.43	3RDA	13.39	16.71
Pipe Clips 	Flush Fit	2RPCFF	2.33	5.93	3RPCFF	2.45	6.05
	Stand off (30mm)	2RPC30	2.53	6.12	3RPC30	2.61	6.20
	Stand off (200mm)	2RPCSO_	10.26	14.70	3RPCSO_	10.62	15.04

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Circular RWP - Swaged Collar

Description	101mm Round			150mm Round			
	Code	Mill	PPC	Code	Mill	PPC	
Pipe 	3.0m Length	4RDP3	43.06	75.95	6RDP3	119.96	164.83
	2.5m Length	4RDP2.5	36.07	63.68	6RDP2.5	100.37	138.15
	2.0m Length	4RDP2	29.09	50.95	6RDP2	80.80	107.42
	1.5m Length	4RDP1.5	22.11	38.77	6RDP1.5	53.17	82.05
	1.0m Length	4RDP1	15.43	27.15	6RDP1	42.11	57.08
	0.5m Length	4RDP0.5	8.45	14.23	6RDP0.5	22.53	29.84
Bends 	Std 92.5°,112.5°,135°	4RB_	12.75	17.72	6RB_	30.39	40.09
	Non Std	4RBN_	POA	POA	6RBN_	POA	POA
Y-Branch* 	Single Std 92.5°,112.5°,135°	4RY_	34.24	40.28	6RY_	84.74	93.35
	Non Std	4RYN_	POA	POA	6RYN_	POA	POA
	Double Std 92.5°,112.5°,135°	4RYD_	50.63	56.04	6RYD_	-	-
	Non Std	4RYDN_	POA	POA	6RYDN_	POA	POA
Water Butt Deflector Kits 	Water Butt Deflector Kits	4RWBD	46.25	47.45	-	-	-
Shoe & Access Pipe 	Shoe	4RS	11.02	15.24	6RS	29.82	39.32
	Access Pipe	4RAPP	16.20	21.77	6RAPP	29.70	34.42
	Access Plate only	4RAP	5.21	8.22	6RAP	7.53	10.36
Swanneck* 	1 pt - 50-150mm	4RSN_	26.36	36.30	6RSN_	61.76	81.06
	2 pt - 400mm	4RSN_	29.76	39.51	6RSN_	70.56	89.30
	2 pt - 750mm	4RSN_	35.98	45.32	6RSN_	85.38	103.24
	2 pt - 1000mm	4RSN_	38.60	47.76	6RSN_	98.00	115.01
	Non Std	4RSNN_	POA	POA	6RSNN_	POA	POA
Loose Connector & Drain Adaptor 	Loose Connector	4RC	11.38	14.81	6RC	19.11	26.23
	Drain Adaptor	4RDA	16.35	21.71	6RDA	22.34	30.65
Pipe Clips 	Flush Fit	4RPCFF	2.83	6.40	6RPCFF	11.68	12.10
	Stand off (30mm)	4RPC30	2.96	6.55	6RPC30	15.64	16.17
	Stand off (200mm)	4RPCSO_	14.97	19.12	6RPCSO_	18.75	19.40









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Circular RWP - Cast Collar

Description	63mm Round			76mm Round			101mm Round			
	Code	Mill	PPC	Code	Mill	PPC	Code	Mill	PPC	
Pipe 	3.0m Length	2RDPCE3	39.51	60.56	3RDPCE3	45.13	65.82	4RDPCE3	59.34	87.51
	2.5m Length	2RDPCE2.5	36.13	53.77	3RDPCE2.5	40.98	58.28	4RDPCE2.5	53.65	77.23
	2.0m Length	2RDPCE2	32.35	44.74	3RDPCE2	36.39	48.54	4RDPCE2	47.55	66.08
	1.5m Length	2RDPCE1.5	28.59	38.38	3RDPCE1.5	31.85	41.44	4RDPCE1.5	41.44	54.63
	1.0m Length	2RDPCE1	24.79	31.51	3RDPCE1	27.29	33.83	4RDPCE1	35.33	44.97
	0.5m Length	2RDPCE0.5	21.00	24.11	3RDPCE0.5	22.73	25.70	4RDPCE1.5	29.23	33.71
Bends 	Std 92.5°,112.5°,135°	2RBC_	29.22	33.96	3RBC_	31.18	35.81	4RBC_	41.03	45.04
	Non Std	2RBNC_	POA	POA	3RBNC_	POA	POA	4RBNC_	POA	POA
Y-Branch* 	Single Std 92.5°,112.5°,135°	2RYCE_	65.89	70.25	3RYCE_	70.11	74.18	4RYCE_	88.63	93.29
	Non Std	2RYNCE_	POA	POA	3RYNCE_	POA	POA	4RYNCE_	POA	POA
	Double Std 92.5°,112.5°,135°	2RYDCE_	103.24	107.11	3RYDCE_	107.95	111.53	4RYDCE_	127.99	132.04
	Non Std	2RYDNCE_	POA	POA	3RYDNCE_	POA	POA	4RYDNCE_	POA	POA
Water Butt Deflector Kits 	Water Butt Deflector Kits	2RWBDC	58.00	62.23	3RWBDC	60.31	65.42	4RWBDC	67.76	72.76
Shoe & Access Pipe 	Shoe	2RSCE	25.89	29.18	3RSCE	33.77	36.56	4RSCE	40.41	42.81
	Access Pipe	2RAPPCE	35.48	39.83	3RAPPCE	37.23	42.03	4RAPPCE	46.11	49.62
	Access Plate only	2RAP	5.21	8.22	3RAP	5.21	8.22	4RAP	5.21	8.22
Swanneck* 	63-100mm	2RSNC_	35.70	45.81	3RSNC_	39.77	49.64	4RSNC_	54.03	63.25
	150-400mm	2RSNC_	40.75	50.52	3RSNC_	45.64	55.14	4RSNC_	57.88	66.86
	450-750mm	2RSNC_	44.27	53.83	3RSNC_	50.51	59.69	4RSNC_	64.07	72.67
	800-1000mm	2RSNC_	46.48	55.91	3RSNC_	52.49	61.53	4RSNC_	66.70	75.15
	Non Std	2RSNNC_	POA	POA	3RSNNC_	POA	POA	4RSNNC_	POA	POA
Cast Collar 	Eared	2RCCE	15.65	18.84	3RCCE	16.89	19.99	4RCCE	22.60	25.33
	Non Eared	2RCC	15.65	18.84	3RCC	16.89	19.99	4RCC	22.60	25.33
	Non Std	2RCN	POA	POA	3RCN	POA	POA	4RCN	POA	POA
Pipe Clips 	Flush Fit	2RPCFF	2.33	5.93	3RPCFF	2.45	6.05	4RPCFF	2.83	6.40
	Stand off (30mm)	2RPC30	2.53	6.12	3RPC30	2.61	6.20	4RPC30	2.96	6.55
	Stand off (200mm)	2RPCSO_	10.26	14.70	3RPCSO_	10.62	15.04	4RPCSO_	14.97	19.12

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Circular RWP - Flushjoint

Description	63mm Round			76mm Round			101mm Round			
	Code	Mill	PPC	Code	Mill	PPC	Code	Mill	PPC	
Pipe 	3.0m Length	2RFDP3	26.74	51.25	3RFDP3	32.08	56.27	4RFDP3	43.06	75.95
	2.5m Length	2RFDP2.5	22.40	43.03	3RFDP2.5	26.87	47.26	4RFDP2.5	36.07	63.68
	2.0m Length	2RFDP2	17.88	32.57	3RFDP2	21.50	35.98	4RFDP2	29.09	50.95
	1.5m Length	2RFDP1.5	13.55	25.97	3RFDP1.5	16.27	28.51	4RFDP1.5	22.11	38.77
	1.0m Length	2RFDP1	9.81	18.01	3RFDP1	11.62	19.69	4RFDP1	15.43	27.15
	0.5m Length	2RFDP0.5	5.50	9.51	3RFDP0.5	6.39	10.35	4RFDP0.5	8.45	14.23
Bends 	Std 92.5°,112.5°,135°	2RFB_	9.00	14.19	3RFB_	9.73	14.86	4RFB_	12.75	17.72
	Non Std	2RFBN_	POA	POA	3RFBN_	POA	POA	4RFBN_	POA	POA
Y-Branch* 	Single									
	Std 92.5°,112.5°,135°	2RFY_	25.95	31.24	3RFY_	27.18	32.40	4RFY_	34.24	40.28
	Non Std	2RFYN_	POA	POA	3RFYN_	POA	POA	4RFYN_	POA	POA
	Double									
Std 92.5°,112.5°,135°	2RFYD_	52.13	58.79	3RFYD_	53.45	60.33	4RFYD_	62.79	70.85	
Non Std	2RFYDN_	POA	POA	3RFYDN_	POA	POA	4RFYDN_	POA	POA	
Water Butt Deflector Kits 	Water Butt Deflector Kits	2RFWBD	42.36	43.39	3RFWBD	43.42	45.43	4RFWBD	45.16	47.44
Shoe & Access Pipe 	Shoe	2RFS	8.41	12.79	3RFS	8.84	13.22	4RFS	11.02	15.24
	Access Pipe	2RFAPP	14.31	20.01	3RFAPP	14.91	20.56	4RFAPP	16.20	21.77
	Access Plate only	2RAP	5.21	8.22	3RAP	5.21	8.22	4RAP	5.21	8.22
Swanneck* 	1 pt - 30-150mm	2RFSN_	18.29	28.72	3RFSN_	21.27	31.51	4RFSN_	26.36	36.31
	2 pt - 400mm	2RFSN_	20.52	30.82	3RFSN_	24.20	34.26	4RFSN_	29.76	39.51
	2 pt - 750mm	2RFSN_	24.06	34.12	3RFSN_	29.04	38.81	4RFSN_	35.98	45.32
	2 pt - 1000mm	2RFSN_	26.24	36.18	3RFSN_	31.04	40.67	4RFSN_	38.60	47.76
	Non Std	2RFSNN_	POA	POA	3RFSNN_	POA	POA	4RFSNN_	POA	POA
Loose Connector & Drain Adaptor 	Loose Connector	2RFC	8.42	12.03	3RFC	9.81	13.36	4RFC	11.38	14.81
	Drain Adaptor	2RFDA	13.08	16.43	3RFDA	13.39	16.71	4RFDA	16.35	21.71
Pipe Clips 	Flush Fit	2RPCFF	2.33	5.93	3RPCFF	2.45	6.05	4RPCFF	2.83	6.40
	Stand off (30mm)	2RPC30	2.53	6.12	3RPC30	2.61	6.20	4RPC30	2.96	6.55
	Stand off (200mm)	2RPCSO_	10.26	14.70	3RPCSO_	10.62	15.04	4RPCSO_	14.97	19.12

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Square RWP - Swaged Collar

Description	63mm Square			76mm Square			
	Code	Mill	PPC	Code	Mill	PPC	
Pipe 	3.0m Length	2SDP3	32.40	56.56	3SDP3	41.18	64.79
	2.5m Length	2SDP2.5	27.20	47.52	3SDP2.5	34.55	54.41
	2.0m Length	2SDP2	22.01	36.45	3SDP2	27.89	43.57
	1.5m Length	2SDP1.5	16.76	28.99	3SDP1.5	21.27	33.18
	1.0m Length	2SDP1	11.57	19.64	3SDP1	14.60	22.50
	0.5m Length	2SDP0.5	6.35	10.32	3SDP0.5	7.96	11.78
Bends 	Std 92.5°,112.5°,135°	2SB_	10.13	15.26	3SB_	12.30	17.28
	Non Std	2SBN_	POA	POA	3SBN_	POA	POA
Y-Branch* 	Single						
	Std 92.5°,112.5°,135°	2SY_	14.43	20.46	3SY_	16.91	22.80
	Non Std	2SYN_	POA	POA	3SYN_	POA	POA
	Double						
Std 92.5°,112.5°,135°	2SYD_	20.70	27.70	3SYD_	24.54	31.31	
Non Std	2SYDN_	POA	POA	3SYDN_	POA	POA	
Water Butt Deflector Kits 	Water Butt Deflector Kits	2SWBD	43.18	45.17	3SWBD	43.42	49.46
Shoe & Access Pipe 	Shoe	2SS	9.88	14.19	3SS	10.56	14.81
	Access Pipe	2SAPP	12.62	18.38	3SAPP	13.65	19.39
	Access Plate only	2SAP	2.91	6.06	3SAP	2.91	6.06
Swanneck* 	1 pt - 30-150mm	2SSN_	20.07	30.85	3SSN_	24.62	35.09
	2 pt - 400mm	2SSN_	24.08	34.17	3SSN_	28.86	38.61
	2 pt - 750mm	2SSN_	28.96	38.72	3SSN_	34.82	44.22
	2 pt - 1000mm	2SSN_	30.86	40.50	3SSN_	37.31	46.54
	Non Std	2SSNN_	POA	POA	3SSNN_	POA	POA
Loose Connector & Drain Adaptor 	Loose Connector	2SC	7.29	10.99	3SC	7.63	11.33
	Drain Adaptor	2SDA	14.92	18.13	3SDA	15.42	18.60
Pipe Clips 	Flush Fit	2SPCFF	2.97	6.56	3SPCFF	2.45	6.03
	Stand off (30mm)	-			3SPC30	2.62	6.19
	Stand off (200mm)	2SPCSO_	10.26	14.70	3SPCSO_	10.26	14.70

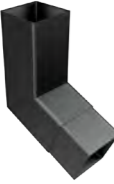


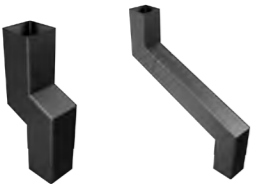
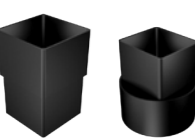
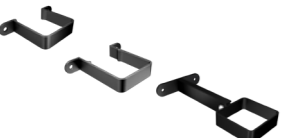
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Description	101x76mm Rectangular			101mm Square			150mm Square#			
	Code	Mill	PPC	Code	Mill	PPC	Code	Mill	PPC	
Pipe 	3.0m Length	43DP3	56.69	89.76	4SDP3	82.29	112.74	6SDP3	230.16	268.06
	2.5m Length	43DP2.5	47.53	75.37	4SDP2.5	68.84	94.37	6SDP2.5	196.92	227.88
	2.0m Length	43DP2	38.33	60.23	4SDP2	55.38	75.60	6SDP2	162.67	187.34
	1.5m Length	43DP1.5	29.14	45.88	4SDP1.5	41.92	58.40	6SDP1.5	128.45	148.40
	1.0m Length	43DP1	19.95	31.79	4SDP1	28.46	40.18	6SDP1	94.22	105.90
	0.5m Length	43DP0.5	10.73	13.77	4SDP0.5	15.01	20.37	6SDP0.5	60.01	64.96
Bends 	Std 92.5°,112.5°,135°	43B_	16.03	20.77	4SB_	19.99	24.49	6SB_	69.88	77.09
	Non Std	43BN_	POA	POA	4SBN_	POA	POA	6SBN_	POA	POA
Y-Branch* 	Single									
	Std 92.5°,112.5°,135°	43Y_	20.54	26.33	4SY_	27.98	34.43	6SY_	67.41	77.10
	Non Std	43YN_	POA	POA	4SYN_	POA	POA	6SYN_	POA	POA
	Double									
Std 92.5°,112.5°,135°	43YD_	22.48	30.11	4SYD_	36.51	41.23	6SYD_	95.84	105.75	
Non Std	43YDN_	POA	POA	4SYDN_	POA	POA	6SYDN_	POA	POA	
Water Butt Deflector Kits 	Water Butt Deflector Kits	43WBD	39.66	44.57	4SWBD	50.98	56.68	6SWBD	69.04	74.53
Shoe & Access Pipe 	Shoe	43S	15.42	19.38	4SS	17.32	21.15	6SS	68.08	73.66
	Access Pipe	43APP	15.41	21.02	4SAPP	18.37	23.83	6SAPP	32.92	37.43
	Access Plate only	43AP	2.91	6.06	4SAP	2.91	6.06	6SAP	5.79	10.64
Swanneck* 	1 pt - 30-150mm	43SN_	29.81	42.70	4SSN_	35.37	45.37	6SSN_	104.22	121.73
	2 pt - 400mm	43SN_	35.71	47.85	4SSN_	46.48	55.15	6SSN_	129.24	144.00
	2 pt - 750mm	43SN_	43.60	55.22	4SSN_	57.61	65.55	6SSN_	154.93	168.32
	2 pt - 1000mm	43SN_	47.05	58.47	4SSN_	62.69	70.32	6SSN_	176.88	188.90
	Non Std	43SNN_	POA	POA	4SSNN_	POA	POA	6SSNN_	POA	POA
Loose Connector & Drain Adaptor 	Loose Connector	43C	9.46	13.02	4SC	11.05	14.52	6SC	22.25	29.20
	Drain Adaptor	43DA	16.91	20.01	4SDA	18.70	21.71	6SDA	26.59	30.34
Pipe Clips 	Flush Fit	43PCFF	2.91	6.48	4SPCFF	2.91	6.48	6SPCFF	8.72	15.67
	Stand off (30mm)	-	-	-	-	-	-	-	-	-
	Stand off (200mm)	43PCSO_	15.49	19.63	4SPCSO_	15.49	19.63	6SPCSO_	16.70	25.96

All items on this page are radiused edged, except 150mm which is squared edged.
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Description	76mm Square			101x76mm Rectangular			101mm Square			
	Code	Mill	PPC	Code	Mill	PPC	Code	Mill	PPC	
Pipe 	3.0m Length	3SDPCE3	56.52	76.47	43SDPCE3	70.54	98.90	4SDPCE3	88.63	116.88
	2.5m Length	3SDPCE2.5	51.11	67.77	43SDPCE2.5	62.92	86.72	4SDPCE2.5	77.28	100.99
	2.0m Length	3SDPCE2	45.28	58.32	43SDPCE2	54.89	73.52	4SDPCE2	65.52	84.20
	1.5m Length	3SDPCE1.5	39.50	48.62	43SDPCE1.5	46.84	60.14	4SDPCE1.5	53.76	67.04
	1.0m Length	3SDPCE1	33.66	39.83	43SDPCE1	35.80	48.62	4SDPCE1	41.98	51.90
	0.5m Length	3SDPCE0.5	27.86	30.53	43SDPCE0.5	30.76	32.60	4SDPCE0.5	30.17	32.40
Bends 	Std 92.5°,112.5°,135°	3SBC_	38.92	43.07	43BC_	42.67	46.83	4SBC_	50.17	53.85
	Non Std	3SBNC_	POA	POA	43BNC_	POA	POA	4SBNC_	POA	POA
Y-Branch* 	Single									
	Std 92.5°,112.5°,135°	3SYCE_	64.68	68.37	43YCE_	67.11	71.88	4SYCE_	79.15	83.45
	Non Std	3SYNCE_	POA	POA	43YNCE_	POA	POA	4SYNCE_	POA	POA
	Double									
Std 92.5°,112.5°,135°	3SYDCE_	94.94	97.98	43YDCE_	98.54	102.72	4SYDCE_	114.18	117.38	
Non Std	3SYDNCE_	POA	POA	43YDNCE_	POA	POA	4SYDNCE_	POA	POA	
Water Butt Deflector Kits 	Water Butt Deflector Kits	3SWBDC	64.55	73.43	43WBDC	60.82	68.55	4SWBDC	73.81	82.25
Shoe & Access Pipe 	Shoe	3SSCE	37.21	39.77	43SCE	38.56	41.05	4SSCE	47.48	50.17
	Access Pipe	3SAPPCE	39.48	42.37	43APPCE	43.88	47.72	4SAPPCE	46.93	58.72
	Access Plate only	3SAP	2.91	6.06	43AP	2.91	6.06	4SAP	2.91	6.06
Swanneck* 	1 pt - 40-150mm	3SSNC_	49.76	59.40	43SNC_	52.80	65.25	4SSNC_	65.53	80.24
	2 pt - 400mm	3SSNC_	55.48	64.32	43SNC_	60.51	72.10	4SSNC_	76.62	84.49
	2 pt - 750mm	3SSNC_	61.42	69.89	43SNC_	68.38	80.29	4SSNC_	87.76	94.91
	2 pt - 1000mm	3SSNC_	63.95	72.26	43SNC_	71.87	82.77	4SSNC_	92.85	99.69
	Non Std	3SSNNC_	POA	POA	43SNNC_	POA	POA	4SSNNC_	POA	POA
Cast Collar 	Eared	3SCCE	21.14	23.97	43CCE	21.14	23.97	4SCCE	22.84	25.57
	Non Eared	3SCC	21.14	23.97	43CC	21.14	23.97	4SCC	22.84	25.57
	Non Std	3SCN	POA	POA	43CN	POA	POA	4SCN	POA	POA
Pipe Clips 	Flush Fit	3SPCFF	2.45	6.03	43PCFF	2.91	6.48	4SPCFF	2.91	6.48
	Stand off (30mm)	3SPC30	2.62	6.19	-	-	-	-	-	-
	Stand off (200mm)	3SPCSO_	10.26	14.70	43PCSO_	15.49	19.63	4SPCSO_	15.49	19.63

All items on this page are squared edged.
 *Swannecks & Y-Branches are 112.5° as standard, other angles made to order.
 Please refer to "Ordering Hints & Tips" page 4 for further information.
 "_" indicates information required ie angle/projection.
 Non standard items - drain offsets, pipe adaptors etc - POA.
 We willingly undertake manufacture of bespoke items, please enquire.

Description	76mm Square			101mm Square			
	Code	Mill	PPC	Code	Mill	PPC	
Pipe 	3.0m Length	3SFDP3	41.18	64.79	4SFDP3	82.29	112.74
	2.5m Length	3SFDP2.5	34.55	54.41	4SFDP2.5	68.84	94.37
	2.0m Length	3SFDP2	27.89	43.57	4SFDP2	55.38	75.60
	1.5m Length	3SFDP1.5	21.27	33.18	4SFDP1.5	41.92	58.40
	1.0m Length	3SFDP1	14.60	22.50	4SFDP1	28.46	40.18
	0.5m Length	3SFDP0.5	7.96	11.78	4SFDP0.5	15.01	20.37
Bends 	Std 92.5°,112.5°,135°	3SFB_	12.30	17.28	4SFB_	19.99	24.49
	Non Std	3SFBN_	POA	POA	4SFBN_	POA	POA
Y-Branch* 	Single Std 92.5°,112.5°,135°	3SFY_	16.91	22.80	4SFY_	27.98	34.43
	Non Std	3SFYN_	POA	POA	4SFYN_	POA	POA
	Double Std 92.5°,112.5°,135°	3SFYD_	24.54	31.31	4SFYD_	36.51	41.23
	Non Std	3SFYDN_	POA	POA	4SFYDN_	POA	POA
Water Butt Deflector Kits 	Water Butt Deflector Kits	3SFWBD	43.42	49.46	4SFWBD	50.98	56.68
Shoe & Access Pipe 	Shoe	3SFS	10.57	14.81	4SFS	17.32	21.15
	Access Pipe	3SFAPP	13.65	19.39	4SFAPP	18.37	23.83
	Access Plate only	3SAP	2.91	6.06	4SAP	2.91	6.06
Swanneck* 	1 pt - 30-150mm	3SFSN_	24.62	35.09	4SFSN_	35.37	45.37
	2 pt - 400mm	3SFSN_	28.86	38.61	4SFSN_	46.48	55.15
	2 pt - 750mm	3SFSN_	34.82	44.22	4SFSN_	57.61	65.55
	2 pt - 1000mm	3SFSN_	37.31	46.54	4SFSN_	62.69	70.32
	Non Std	3SFSNN_	POA	POA	4SFSNN_	POA	POA
Loose Connector & Drain Adaptor 	Loose Connector	3SFC	7.63	11.33	4SFC	11.05	14.52
	Drain Adaptor	3SFDA	15.42	18.60	4SFDA	18.70	21.71
Pipe Clips 	Flush Fit	3SPCFF	2.45	6.03	4SPCFF	2.91	6.48
	Stand off (30mm)	3SPC30	2.62	6.19	-	-	-
	Stand off (200mm)	3SPCSO_	10.26	14.70	4SPCSO_	15.49	19.63

*Swannecks & Y-Branchees are 112.5° as standard, other angles made to order. Please refer to "Ordering Hints & Tips" page 4 for further information. "_" indicates information required ie angle/projection. Non standard items - drain offsets, pipe adaptors etc - POA. We willingly undertake manufacture of bespoke items, please enquire.



Read our case studies online at www.arp-ltd.com/case-studies

Security Pipe - Round

Description	83mm Round			108mm Round		
	Code	Mill	PPC	Code	Mill	PPC
Pipe  2.0m Length 1.0m Length	3RVDP2	71.48	81.27	4RVDP2	85.76	97.55
	3RVDP1	51.09	56.01	4RVDP1	61.32	67.20
Bends  Std 92.5°,112.5°,135° Non Std	3RVB_	29.39	33.76	4RVB_	35.24	39.85
	3RVBN_	POA	POA	4RVBN_	POA	POA
Y-Branch*  Std 92.5°,112.5°,135° Non Std	3RVY_	76.14	79.19	4RVY_	91.35	95.03
	3RVYN_	POA	POA	4RVYN_	POA	POA
Access Pipe  Access Pipe Access Plate only	3RVAPP	24.48	29.61	4RVAPP	29.39	34.56
	3RAP	5.21	8.22	4RAP	5.21	8.22
Swanneck*  2 pt - 400mm 2 pt - 750mm 2 pt - 1000mm Non Std	3RVSN_	63.28	70.25	4RVSN_	86.26	95.22
	3RVSN_	75.47	80.45	4RVSN_	105.32	117.79
	3RVSN_	80.00	90.47	4RVSN_	109.14	122.61
	3RVSN_	POA	POA	4RVSN_	POA	POA
	3RVSNN_	POA	POA	4RVSNN_	POA	POA
Drain Offset & Drain Adaptor  Drain Offset Drain Adaptor	3RVDO	58.46	66.82	4RVDO	70.15	80.18
	3RVDA	28.70	33.99	4RVDA	34.45	40.32
Pipe Bracket  Pipe Bracket (extras/overs)	3VPC	7.00	-	4VPC	7.31	-


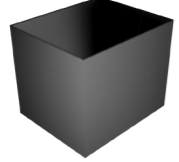
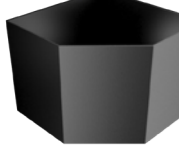
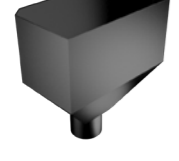
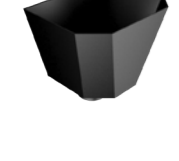
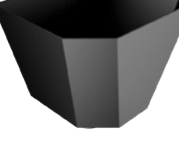
All Items supplied with Brackets as illustrated.
 *Swannecks & Y-Branches are 112.5° as standard, other angles made to order.
 In certain situations it may be preferable for Swannecks to be standard flush joint type.
 Please ask our technical team for advice if required.
 Non standard items - Pipe Adaptors etc - POA

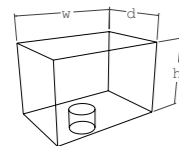
Security Pipe - Square

Description	83mm Square			108mm Square		
	Code	Mill	PPC	Code	Mill	PPC
Pipe  2.0m Length 1.0m Length	3SVDP2	74.42	85.48	4SVDP2	95.09	111.54
	3SVDP1	52.56	57.40	4SVDP1	63.03	71.34
Bends  Std 92.5°,112.5°,135° Non Std	3SVB_	32.17	36.38	4SVB_	35.95	39.91
	3SVBN_	POA	POA	4SVBN_	POA	POA
Y-Branch*  Std 92.5°,112.5°,135° Non Std	3SVY_	71.87	74.01	4SVY_	80.78	84.82
	3SVYN_	POA	POA	4SVYN_	POA	POA
Access Pipe  Access Pipe Access Plate only	3SVAPP	25.07	30.17	4SVAPP	29.44	34.66
	3SAP	2.91	6.06	4SAP	2.91	6.06
Swanneck*  2 pt - 400mm 2 pt - 750mm 2 pt - 1000mm Non Std	3SVSN_	57.02	64.48	4SVSN_	70.35	80.33
	3SVSN_	65.42	75.90	4SVSN_	83.78	96.91
	3SVSN_	68.58	80.03	4SVSN_	103.83	118.28
	3SVSN_	POA	POA	4SVSN_	POA	POA
	3SVSNN_	POA	POA	4SVSNN_	POA	POA
Drain Offset & Drain Adaptor  Drain Offset Drain Adaptor	3SVDO	59.38	67.69	4SVDO	66.61	74.45
	3SVDA	29.96	35.59	4SVDA	32.60	38.49
Pipe Bracket  Pipe Bracket (extras/overs)	3VPC	7.00	-	4VPC	7.31	-

All Items supplied with Brackets as illustrated.
 *Swannecks & Y-Branches are 112.5° as standard, other angles made to order.
 In certain situations it may be preferable for Swannecks to be standard flush joint type.
 Please ask our technical team for advice if required.
 Non standard items - Pipe Adaptors etc - POA



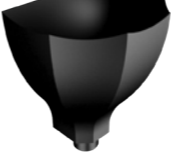
Hopper Heads - Pressed Aluminium

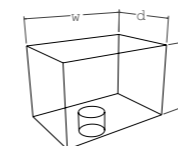
Description	Standard Range			
	Outlet Size	Code	Mill	PPC
Apollo <small>h=190,w=305, d=190</small> 	Ø63mm	HAPOL2R	38.49	48.85
	Ø76mm	HAPOL3R	38.49	48.85
	Ø101mm	HAPOL4R	38.49	48.85
	63mm Sq	HAPOL2S	38.49	48.85
	76mm Sq	HAPOL3S	38.49	48.85
	101x76mm Rect	HAPOL43	38.49	48.85
	101mm Sq	HAPOL4S	38.49	48.85
Juno <small>h=190, w=228, d=190</small> 	Ø63mm	HJUNO2R	33.51	44.19
	Ø76mm	HJUNO3R	33.51	44.19
	Ø101mm	HJUNO4R	33.51	44.19
	63mm Sq	HJUNO2S	33.51	44.19
	76mm Sq	HJUNO3S	33.51	44.19
	101x76mm Rect	HJUNO43	33.51	44.19
	101mm Sq	HJUNO4S	33.51	44.19
Minerva (Corner) <small>h=190, w=240, d=190</small> 	Ø63mm	HMINE2R	41.10	51.31
	Ø76mm	HMINE3R	41.10	51.31
	Ø101mm	HMINE4R	41.10	51.31
	63mm Sq	HMINE2S	41.10	51.31
	76mm Sq	HMINE3S	41.10	51.31
	101x76mm Rect	HMINE43	41.10	51.31
	101mm Sq	HMINE4S	41.10	51.31
Neptune <small>h=280, w=280, d=150</small> 	Ø63mm	HNEPT2R	58.24	68.36
	Ø76mm	HNEPT3R	58.24	68.36
	Ø101mm	HNEPT4R	58.24	68.36
	63mm Sq	HNEPT2S	58.24	68.36
	76mm Sq	HNEPT3S	58.24	68.36
	101x76mm Rect	HNEPT43	58.24	68.36
	101mm Sq	HNEPT4S	58.24	68.36
Saturn (Small) <small>h=200, w=280, d=215</small> 	Ø63mm	HSATS2R	46.53	55.93
	Ø76mm	HSATS3R	46.53	55.93
	Ø101mm	HSATS4R	46.53	55.93
	63mm Sq	HSATS2S	46.53	55.93
	76mm Sq	HSATS3S	46.53	55.93
	101x76mm Rect	HSATS43	46.53	55.93
	101mm Sq	HSATS4S	46.53	55.93
Saturn (Large) <small>h=230, w=310, d=245</small> 	Ø63mm	HSATL2R	54.77	65.12
	Ø76mm	HSATL3R	54.77	65.12
	Ø101mm	HSATL4R	54.77	65.12
	63mm Sq	HSATL2S	54.77	65.12
	76mm Sq	HSATL3S	54.77	65.12
	101x76mm Rect	HSATL43	54.77	65.12
	101mm Sq	HSATL4S	54.77	65.12



For roses & embellishments see page 45.
 Overall dimensions exclude outlet.
 Non standard outlets available on request.
 Bespoke hoppers made to order, please enquire.
 PPC external face only, PPC both sides - POA

Hopper Heads - Pressed Aluminium

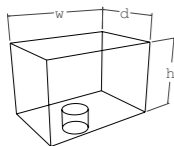
Description	Standard Range			
	Outlet Size	Code	Mill	PPC
Faunus <small>h=230, w=370, d=185</small> 	Ø63mm	HFAUN2R	82.77	92.80
	Ø76mm	HFAUN3R	82.77	92.80
	Ø101mm	HFAUN4R	82.77	92.80
	63mm Sq	HFAUN2S	82.77	92.80
	76mm Sq	HFAUN3S	82.77	92.80
	101x76mm Rect	HFAUN43	82.77	92.80
	101mm Sq	HFAUN4S	82.77	92.80
Lares <small>h=200, w=450, d=200</small> 	Ø63mm	HLARE2R	68.70	79.68
	Ø76mm	HLARE3R	68.70	79.68
	Ø101mm	HLARE4R	68.70	79.68
	63mm Sq	HLARE2S	68.70	79.68
	76mm Sq	HLARE3S	68.70	79.68
	101x76mm Rect	HLARE43	68.70	79.68
	101mm Sq	HLARE4S	68.70	79.68
Numina (Corner) <small>h=375, w=275, d=275</small> 	Ø63mm	HNUMI2R	89.01	104.35
	Ø76mm	HNUMI3R	89.01	104.35
	Ø101mm	HNUMI4R	89.01	104.35
	63mm Sq	HNUMI2S	89.01	104.35
	76mm Sq	HNUMI3S	89.01	104.35
	101x76mm Rect	HNUMI43	89.01	104.35
	101mm Sq	HNUMI4S	89.01	104.35
Mercury <small>h=450, w=305, d=200</small> 	Ø63mm	HMERC2R	133.71	154.85
	Ø76mm	HMERC3R	133.71	154.85
	Ø101mm	HMERC4R	133.71	154.85
	63mm Sq	HMERC2S	133.71	154.85
	76mm Sq	HMERC3S	133.71	154.85
	101x76mm Rect	HMERC43	133.71	154.85
	101mm Sq	HMERC4S	133.71	154.85
Venus <small>h=500, w=505, d=330</small> 	Ø63mm	HVENU2R	165.06	195.08
	Ø76mm	HVENU3R	165.06	195.08
	Ø101mm	HVENU4R	165.06	195.08
	63mm Sq	HVENU2S	165.06	195.08
	76mm Sq	HVENU3S	165.06	195.08
	101x76mm Rect	HVENU43	165.06	195.08
	101mm Sq	HVENU4S	165.06	195.08
Diana <small>h=400, w=375, d=200</small> 	Ø63mm	HDIAN2R	179.23	192.55
	Ø76mm	HDIAN3R	179.23	192.55
	Ø101mm	HDIAN4R	179.23	192.55
	63mm Sq	HDIAN2S	179.23	192.55
	76mm Sq	HDIAN3S	179.23	192.55
	101x76mm Rect	HDIAN43	179.23	192.55
	101mm Sq	HDIAN4S	179.23	192.55



For roses & embellishments see page 45.
 Overall dimensions exclude outlet.
 Non standard outlets available on request.
 Bespoke hoppers made to order, please enquire.
 PPC external face only, PPC both sides - POA

Hopper Heads - Cast Aluminium




Description	Standard Range			
	Outlet Size	Code	Mill	PPC
Carinus h=177, w=255, d=177 	Ø63mm	HCARI2R	30.96	43.94
	Ø76mm	HCARI3R	30.96	43.94
	Ø101mm	HCARI4R	37.74	50.31
	76mm Sq	HCARI3S	37.74	50.31
	101x76mm Rect	HCARI43	37.74	50.31
	101mm Sq	HCARI4S	37.74	50.31
Avitus h=185, w=250, d=165 	Ø63mm	HAVIT2R	22.60	33.99
	Ø76mm	HAVIT3R	22.60	33.99
Maximus h=180, w=383, d=188 	Ø63mm	HMAXI2R	67.44	84.99
	Ø76mm	HMAXI3R	52.75	70.29
	Ø101mm	HMAXI4R	67.44	84.99
Claudius h=125, w=305, d=160 	Ø63mm	HCLAU2R	199.80	219.95
	Ø76mm	HCLAU3R	199.80	219.95
Nero h=230, w=320, d=195 	Ø63mm	HNERO2R	319.68	341.86
	Ø76mm	HNERO3R	319.68	341.86
	Ø101mm	HNERO4R	319.68	341.86
Marcus small h=265, w=330, d=152 large h=350, w=457, d=203 	Small Ø76mm	HMARS3R	399.59	422.96
	Large Ø76mm	HMARL3R	499.50	523.67
	Ø101mm	HMARL4R	499.50	523.67

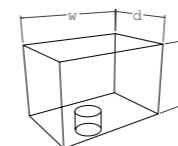


For roses & embellishments see page 45.
 Overall dimensions exclude outlet.
 Non standard outlets available on request.
 Bespoke hoppers made to order, please enquire.

PPC external face only, PPC both sides - POA
 All cast hoppers have spigots set at 30mm from rear for round pipe and 0mm for sq/rect.

Hopper Heads - Cast Aluminium






Description	Standard Range			
	Outlet Size	Code	Mill	PPC
Lucius h=355, w=345, d=215 	Ø76mm 101x76mm Rect	HLUCI3R	399.59	425.78
		HLUCI43	399.59	425.78
Augustus h=160, w=400, d=175 	Ø63mm Ø76mm	HAUGU2R	399.59	419.75
		HAUGU3R	399.59	419.75
Romulus h=325, w=355, d=235 	101x76mm Rect	HROMU43	399.59	423.78
Arcadius h=213, w=410, d=205 	Ø63mm Ø76mm Ø101mm 76mm Sq 101x76mm Rect 101mm Sq	HARCA2R	399.59	423.78
		HARCA3R	399.59	423.78
		HARCA4R	399.59	423.78
		HARCA3S	439.60	463.74
		HARCA43	439.60	463.74
		HARCA4S	439.60	463.74
Hadrian h=150, w=445, d=203 	Ø63mm Ø76mm Ø101mm 76mm Sq 101x76mm Rect 101mm Sq	HHADR2R	467.65	498.43
		HHADR3R	467.65	498.43
		HHADR4R	467.65	498.43
		HHADR3S	516.15	548.39
		HHADR43	516.15	548.39
		HHADR4S	516.15	548.39
Constantine h=305, w=460, d=205 	101x76mm Rect	HCONS43	532.83	556.99

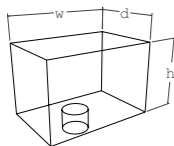


For roses & embellishments see page 45.
 Overall dimensions exclude outlet.
 Non standard outlets available on request.
 Bespoke hoppers made to order, please enquire.

PPC external face only, PPC both sides - POA
 All cast hoppers have spigots set at 30mm from rear for round pipe and 0mm for sq/rect.

Hopper Heads - Cast Aluminium

Description	Standard Range			
	Outlet Size	Code	Mill	PPC
Antonius h=433, w=415, d=205 	Ø63mm	HANTO2R	649.36	681.57
	Ø76mm	HANTO3R	649.36	681.57
	Ø101mm	HANTO4R	649.36	681.57
	76mm Sq	HANTO3S	649.36	681.57
	101x76mm Rect	HANTO43	649.36	681.57
	101mm Sq	HANTO4S	649.36	681.57
Cassius h=530, w=475, d=203 	101mm Sq	HCASS4S	POA	POA
Julius h=482, w=620, d=240 	101mm Sq	HJULI4S	POA	POA
Licinius h=395, w=720, d=275 	101mm Sq	HLICI4S	POA	POA
Commodus (Corner) h=465, w=203, d=203 	Ø76mm	HCOMM3R	499.50	531.73
	76mm Sq	HCOMM3S	499.50	531.73



For roses & embellishments see page 45.
 Overall dimensions exclude outlet.
 Non standard outlets available on request.
 Bespoke hoppers made to order, please enquire.

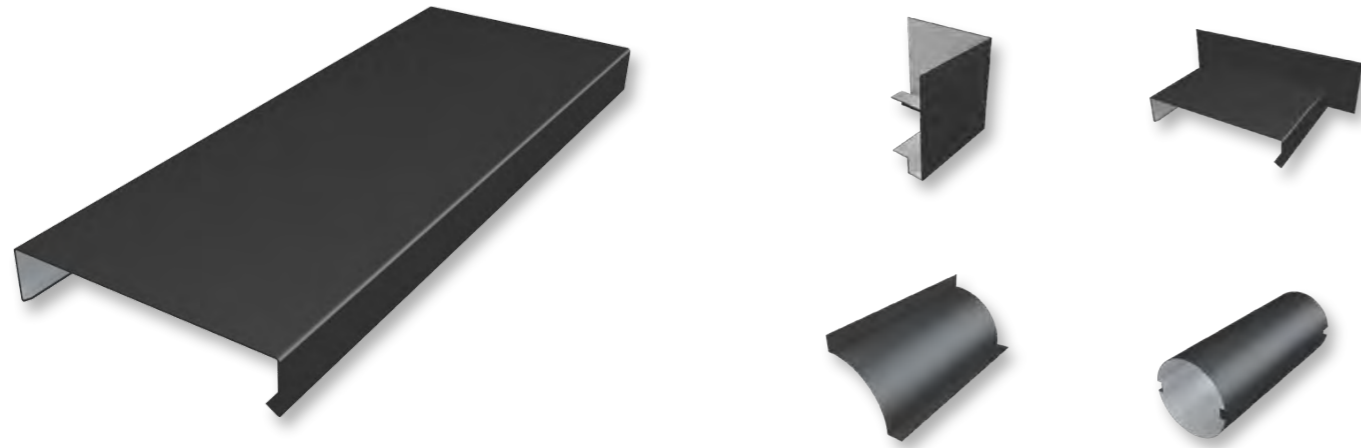
PPC external face only, PPC both sides - POA
 All cast hoppers have spigots set at 30mm from rear for round pipe and 0mm for sq/rect.

Hopper Motifs - Cast Aluminium

Standard Range							
Item	Code	Mill	PPC	Item	Code	Mill	PPC
Fleur de Lys 	CFDL (125mm)	94.59	104.05	Feathers 	CFEA (170mm)	POA	POA
Northampton Rose 	CNRS (70mm)	81.45	89.60	Mansion Lug 	CMANS (150mm)	42.04	46.24
	CNRL (95mm)	99.85	109.83				
Tudor Rose 	CTRS (38mm)	34.16	37.57	Sterling Lug 	CSTER (95mm)	28.90	31.79
	CTRM (51mm)	34.16	37.57				
	CTRL (63mm)	52.55	57.81				
Yorkshire Rose 	CYRS (75mm)	28.90	31.79	Warwick Lug 	CWARW (120mm)	60.43	66.48
	CYRM (89mm)	55.18	60.70				
	CYRL (114mm)	55.18	60.70				
Britannia Rose 	CBR (178mm)	81.45	89.60	Windsor Lug 	CWIND (100mm)	60.43	66.48
Lions Head 	CLH (80mm)	POA	POA	Acorn Lug 	CACOR (130mm)	55.18	60.70

Other motifs and date plates available, please enquire.
 Lugs may be used as hopper embellishments or with cast connectors on downpipes.
 Dimensions stated are for guidance only and refer to the maximum overall measurement, height or width depending on motif type.

Fascia, Soffits, Copings, Cappings and Bespoke Pressings



Trueline aluminium bespoke pressings from ARP are an ideal solution to emphasising and extending the lifespan of architectural elements.

Products available include:

- Fascias
- Soffits
- Copings
- Cappings
- Bespoke pressings

All made to your exact requirements.

As with our other product lines, Trueline Aluminium products are:

- Lightweight
- Corrosion resistant
- Low maintenance
- Environmentally friendly
- Recyclable
- Powder coated to specific RAL/BS colour

ARP's innovative approach to customer care can support you with design advice, technical and construction detail drawings and site surveys.

Call us on **0116 289 4400** to discuss your next project.



Fascia - Pressed Aluminium

Description	2mm Aluminium			
	Code	Mill	PPC	
Drip Edge 3m Length 	Type 1 200mm Girth	FC200-2-3/3	POA	POA
	250mm Girth	FC250-2-3/3	POA	POA
	300mm Girth	FC300-2-3/3	POA	POA
Drip Edge Angle 	Type 1 200mm Girth	FC200-2-3/A_	POA	POA
	250mm Girth	FC250-2-3/A_	POA	POA
	300mm Girth	FC300-2-3/A_	POA	POA
Square Return 3m Length 	Type 2 200mm Girth	FC200-2-3/3	POA	POA
	250mm Girth	FC250-2-3/3	POA	POA
	300mm Girth	FC300-2-3/3	POA	POA
Square Return Angle 	Type 2 200mm Girth	FC200-2-3/A_	POA	POA
	250mm Girth	FC250-2-3/A_	POA	POA
	300mm Girth	FC300-2-3/A_	POA	POA
Box Face 3m Length 	Type 3 450mm Girth	FC450-2-6/3	POA	POA
	3m Length			
Box Face Angle 	Type 3 450mm Girth	FC450-2-6/A_	POA	POA
	Angle			

Lengths and angles supplied with one union connector.

All items PPC external face only.

Box ends, compound angles, etc - POA.

True radius or faceted profiles - POA.

Other girths, profiles and venting available - please contact our sales office.

Soffit - Pressed Aluminium

Description	2mm Aluminium		
	Code	Mill	PPC
Flat 3m Length 	Type 1 300mm Girth	SF300-2/3	POA
	500mm Girth	SF500-2/3	POA
	750mm Girth	SF750-2/3	POA
Cassette 3m Length 	Type 2 400mm Girth	SF400-2-6/3	POA
	3m Length		
Cassette Angle 	Type 2 400mm Girth	SF400-25-6/A_	POA
	Angle		
Top Hat 3m Length 	Type 3 500mm Girth	SF500-2-6/3	POA
	3m Length		
Top Hat Angle 	Type 3 500mm Girth	SF500-2-6/A_	POA
	Angle		
Z Plank 3m Length 	Type 4 250mm Girth	SF250-2-3/3	POA
	350mm Girth	SF350-2-3/3	POA
	550mm Girth	SF550-2-3/3	8POA

Lengths and angles supplied with one union connector FOC.
 All items PPC external face only.
 Box ends, compound angles, etc - POA.
 True Radius or faceted profiles - POA.
 Other girths, profiles and venting available - please contact our sales office.

Wall Coping - Pressed Aluminium

Description	2 mm Aluminium		
	Code	Mill	PPC
Flat 3m Length 	540mm Girth	WC540/3	POA
	690mm Girth	WC690/3	POA
	790mm Girth (3mm material)	WC3790/3	POA
Angle 	540mm Girth	WC540/A_	POA
	690mm Girth	WC690/A_	POA
	790mm Girth (3mm material)	WC3790/A_	POA
T-Junction 	540mm Girth	WC540T	POA
	690mm Girth	WC690T	POA
	790mm Girth (3mm material)	WC3790T	POA
Stopend 	540mm Girth	WC540SE	POA
	690mm Girth	WC690SE	POA
	790mm Girth (3mm material)	WC3790SE	POA
Abutment Stopend 	540mm Girth	WC540ASE	POA
	690mm Girth	WC690ASE	POA
	790mm Girth (3mm material)	WC3790ASE	POA
Fixing Bracket Union Connector Corner Bracket 	Fixing Bkt 540mm Girth	WC540FB	POA
	690mm Girth	WC690FB	POA
	790mm Girth	WC790FB	POA
	Union 540mm Girth	WC540UC	POA
	690mm Girth	WC690UC	POA
	790mm Girth	WC790UC	POA
	Corner Bkt 540mm Girth	WC540CB	POA
	690mm Girth	WC690CB	POA
	790mm Girth	WC790CB	POA

Lengths supplied with two fixing brackets and one union connector FOC.
 Angles supplied with one union connector and one pair of corner brackets FOC.
 T-Junctions supplied with two union connectors and one fixing clip FOC.
 Stopends supplied with one union connector and one fixing clip FOC.
 All items PPC external face only.
 Other girths and special items - POA - please enquire.

Description	2mm Aluminium		
	Code	Mill	PPC
Bullnose Standard 3m Length 	Type 1 600mm Girth	BN1-600/3	POA
	800mm Girth	BN1-800/3	POA
	1000mm Girth	BN1-1000/3	POA
Angle 	Type 1 600mm Girth	BN1-600/A	POA
	800mm Girth	BN1-800/A	POA
	1000mm Girth	BN1-1000/A	POA
Stopend 	Type 1 600mm Girth	BN1-600SE	POA
	800mm Girth	BN1-800SE	POA
	1000mm Girth	BN1-1000SE	POA
Bullnose Standard 3m Length 	Type 2 600mm Girth	BN2-600/3	POA
	800mm Girth	BN2-800/3	POA
	1000mm Girth	BN2-1000/3	POA
Angle 	Type 2 600mm Girth	BN2-600/A	POA
	800mm Girth	BN2-800/A	POA
	1000mm Girth	BN2-1000/A	POA
Stopend 	Type 2 600mm Girth	BN2-600SE	POA
	800mm Girth	BN2-800SE	POA
	1000mm Girth	BN2-1000SE	POA

Lengths and angles supplied with one union connector
 All items PPC external face only.
 Other girths, profiles and faceted bullnose, etc - POA, please enquire.

Description	2mm Aluminium		
	Code	Mill	PPC
Bullnose Parallel 3m Length 	Type 3 600mm Girth	BN3-600/3	POA
	800mm Girth	BN3-800/3	POA
	1000mm Girth	BN3-1000/3	POA
Bullnose Elliptical 3m Length 	Type 4 600mm Girth	BN4-600/3	POA
	800mm Girth	BN4-800/3	POA
	1000mm Girth	BN4-1000/3	POA
Bullnose Wave 3m Length 	Type 5 600mm Girth	BN5-600/3	POA
	800mm Girth	BN5-800/3	POA
	1000mm Girth	BN5-1000/3	POA
Quadrant 3m Length 	600mm Girth	QU-600/3	POA
	800mm Girth	QU-800/3	POA
	1000mm Girth	QU-1000/3	POA
Pipe Guard 3m Length 	400mm Girth	PD-400/3	POA
	500mm Girth	PD-500/3	POA
	600mm Girth	PD-600/3	POA
Column Casing (circular) 3m Length 	600mm Girth	CC-600/3R	POA
	800mm Girth	CC-800/3R	POA
	1000mm Girth	CC-1000/3R	POA

Bullnose lengths and angles supplied with one union connector.
 All items PPC external face only.
 Other girths & profiles, faceted bullnose etc - POA.

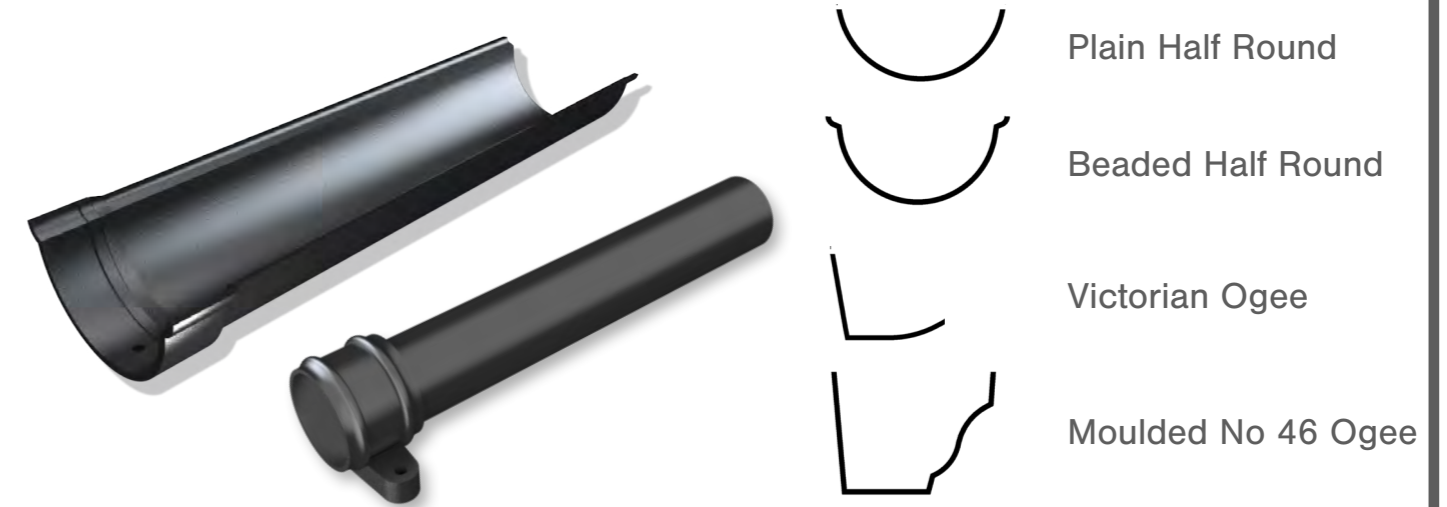
Sundries - Aluminium

Description	Code	Unit Price	Pack Qty	Pack Price
Sealant				
Arbosil 1096 Low Modulus Sealant, 380 ml black, white, clear, Anthracite	SA96	5.25	25	131.25
Sealone Black/Clear, 300ml	SO	5.95	-	-
Touch up Paint				
Std BS & RAL colours c/w brush in lid	TU0125	13.22	0.125L	
Gutter Nuts, Bolts and Washers				
M6 x 20mm M/F (Aluminium Nut, Bolt & Stainless)	NBW/M		Box of 100	48.00
M6 x 20 mm PPC (Washer c/w EPDM seal)	NBW/P		Box of 100	67.00
M6 x 30mm M/F (Aluminium Nut, Bolt & Stainless)	NBWC/M		Box of 100	51.00
M6 x 30 mm PPC (Washer c/w EPDM seal)	NBWC/P		Box of 100	70.00
M8 x 30mm M/F (Aluminium Nut, Bolt & Stainless)	NBWC8/M		Box of 100	79.00
M8 x 30 mm PPC (Washer c/w EPDM seal)	NBWC8/P		Box of 100	109.00
Timber Fixings				
Posidrive Screws (Countersunk Stainless Steel)				
M4 x 40mm	M440		Pack of 200	26.10
M5 x 40mm	M540		Pack of 200	41.31
Lightning Link				
Link	LL1	POA	1	
Conductivity Paste	LL1F	POA	8 fl.oz	
Tapes				
EPDM 25x9mm	TEPDM25	5.50	10m	
Miscellaneous				
30mm Plastic Bobbin	BOBPL	0.44	1	
30mm Aluminium Bobbin (specify PPC colour)	BOBT30/P	0.51	1	
1m Aluminium Bobbin Tube (specify PPC colour)	BOBT/1/P	13.37	1m	

All prices are nett and will not be subject to discount.

BRITANNIA

Cast Iron Gutters and Rainwater Pipes

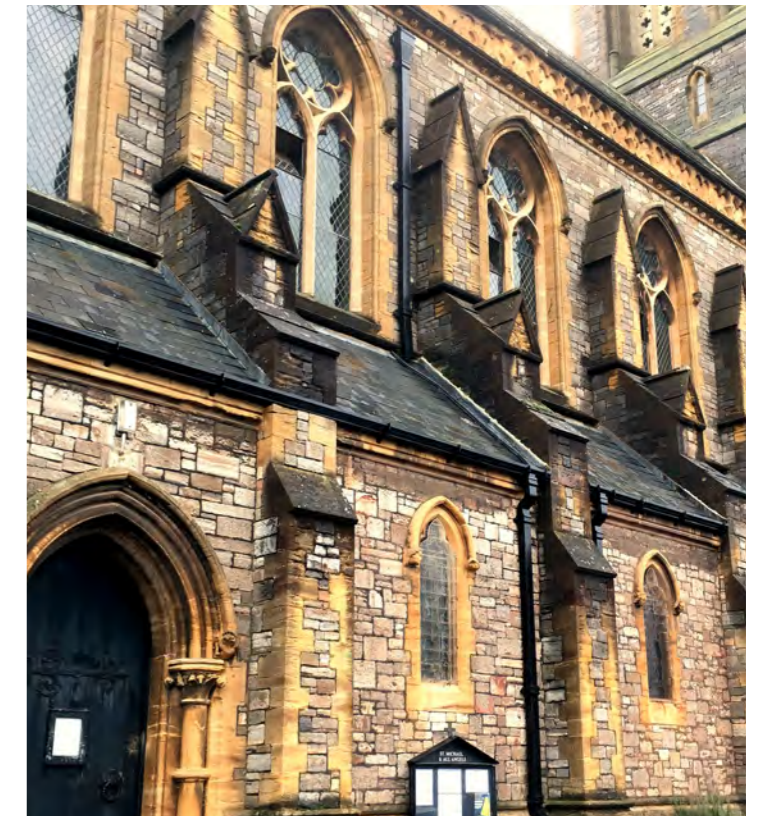


Gutters	4"	4.5"	5"	6"	5" x 4"	6" x 4"
Plain Half Round	✓	✓	✓	✓		
Beaded Half Round		✓	✓			
Victorian Ogee		✓	✓			
Moulded No 46 Ogee					✓	✓

Downpipes available in 2.5", 3" and 4" round, plus 4" x 3" rectangular.

Cast Iron gutters and rainwater pipes are the traditional choice for durable and aesthetically pleasing systems. Ideal for replacing existing cast iron products on Heritage and Listed building projects.

- Traditional sand cast iron.
- Manufactured to BS460:1964.
- Complies to all Listed building, Heritage and Conservation requirements.
- Supplied transit primed or factory applied wet paint finish in semi gloss black.
- Can be painted to a specific RAL/BS colour on request.
- Life expectancy - over 100 years.
- Full fitting instructions included with every delivery.



Description	4"			4.5"			
	Code	Primed	Painted*	Code	Primed	Painted*	
Gutter  6ft Length	BI/HR40/6FT	45.74	53.33	BI/HR45/6FT	47.83	55.22	
Angles 	90° Universal 120° Universal 135° Universal	BI/HR40/A/90 BI/HR40/A/120 BI/HR40/A/135	19.04 - 19.04	21.55 - 21.55	BI/HR45/A/90 BI/HR45/A/120 BI/HR45/A/135	19.04 19.58 19.58	22.16 22.16 22.16
Outlets 	Ø2.5" Ø3"	BI/HR40/RO/25 BI/HR40/RO/30	18.87 18.87	21.37 21.37	BI/HR45/RO/25 BI/HR45/RO/30	20.28 20.28	22.97 22.97
Dropend Outlets 	Ø2.5" External Ø2.5" Internal Ø3" External Ø3" Internal	BI/HR40/DE/25/E BI/HR40/DE/25/I BI/HR40/DE/30/X BI/HR40/DE/30/I	18.87 18.87 20.28 20.28	21.37 21.37 21.37 21.37	BI/HR45/DE/25/E BI/HR45/DE/25/I BI/HR45/DE/30/E BI/HR45/DE/30/I	18.87 18.87 18.87 18.87	22.97 22.97 22.97 22.97
Stopends 	External Internal	BI/HR40/SE/EX BI/HR40/SE/IN	6.32 6.32	7.16 7.16	BI/HR45/SE/EX BI/HR45/SE/IN	8.32 8.32	9.41 9.41
Union Connector 	Union Connector	BI/HR40/UC	12.34	13.96	BI/HR45/UC	15.57	17.63
Cast Iron Gutter Brackets 	Fascia Bracket	BI/HR40/FB/CI	6.75	7.65	BI/HR45/FB/CI	7.05	7.98
Galvanised Gutter Brackets 	Rafter Bracket Top Fix** Rafter Bracket Side Fix** Rise & Fall Bracket Rise & Fall Bracket with Stay	BI/HR40/RB/TF BI/HR40/RB/SF BI/HR40/R&F/GS BI/HR40/R&F/WS	4.25 4.51 9.92 15.06	5.43 5.70 11.09 16.23	BI/HR45/RB/TF BI/HR45/RB/SF BI/HR45/R&F/GS BI/HR45/R&F/WS	4.51 4.81 9.92 15.06	5.70 5.99 11.09 16.23

* Painted rates for Black Semi Gloss - Other standard colours POA
** please advise roof pitch angle.
Non standard items - POA.

Description	5"			6"			
	Code	Primed	Painted*	Code	Primed	Painted*	
Gutter  6ft Length	BI/HR50/6FT	55.75	64.46	BI/HR60/6FT	85.49	96.78	
Angles 	90° Universal 120° Universal 135° Universal	BI/HR50/A/90 BI/HR50/A/120 BI/HR50/A/135	23.07 23.07 23.07	26.09 26.09 26.09	BI/HR60/A/90 BI/HR60/A/120 BI/HR60/A/135	34.79 34.79 34.79	39.38 39.38 39.38
Outlets 	Ø2.5" Ø3" Ø4"	BI/HR50/RO/25 BI/HR50/RO/30 BI/HR50/RO/40	23.07 23.07 23.07	26.09 26.09 26.09	BI/HR60/RO/25 BI/HR60/RO/30 BI/HR60/RO/40	- 34.79 34.79	- 39.38 39.38
Dropend Outlets 	Ø2.5" External Ø2.5" Internal Ø3" External Ø3" Internal	BI/HR50/DE/25/E BI/HR50/DE/25/I BI/HR50/DE/30/E BI/HR50/DE/30/I	20.28 20.28 23.07 23.07	26.09 26.09 26.09 26.09	BI/HR60/DE/25/E BI/HR60/DE/25/I BI/HR60/DE/30/E BI/HR60/DE/30/I	- - - -	- - - -
Stopends 	External Internal	BI/HR50/SE/EX BI/HR50/SE/IN	8.32 8.32	9.41 9.41	BI/HR60/SE/EX BI/HR60/SE/IN	19.40 19.40	21.97 21.97
Union Connector 	Union Connector	BI/HR50/UC	17.61	19.95	BI/HR60/UC	21.70	24.57
Cast Iron Gutter Brackets 	Fascia Bracket	BI/HR50/FB/CI	7.97	9.02	BI/HR60/FB/CI	9.21	10.19
Galvanised Gutter Brackets 	Rafter Bracket Top Fix** Rafter Bracket Side Fix** Rise & Fall Bracket Rise & Fall Bracket with Stay	BI/HR50/RB/TF BI/HR50/RB/SF BI/HR50/R&F/GS BI/HR50/R&F/WS	4.81 5.13 10.16 15.30	5.99 6.31 11.34 16.48	BI/HR60/RB/TF BI/HR60/RB/SF BI/HR60/R&F/GS BI/HR60/R&F/WS	5.55 5.80 10.48 15.62	6.73 6.99 11.65 16.79

* Painted rates for Black Semi Gloss - Other standard colours POA
** please advise roof pitch angle.
Non standard items - POA.

Description	4.5"			5"		
	Code	Primed	Painted*	Code	Primed	Painted*
Gutter  6ft Length	BI/BHR45/6FT	47.39	55.26	BI/BHR50/6FT	54.23	63.23
Angles 						
90° Universal	BI/BHR45/A/90	19.58	22.16	BI/BHR50/A/90	23.94	27.11
120° Universal	BI/BHR45/A/120	19.58	22.16	BI/BHR50/A/120	23.94	27.11
135° Universal	BI/BHR45/A/135	19.58	22.16	BI/BHR50/A/135	23.94	27.11
Outlets 						
Ø2.5"	BI/BHR45/RO/25	20.28	22.97	BI/BHR50/RO/25	23.94	27.11
Ø3"	BI/BHR45/RO/30	20.28	22.97	BI/BHR50/RO/30	23.94	27.11
Ø4"	-	-	-	BI/BHR50/RO/40	23.94	27.11
Stopends 						
External	BI/BHR45/SE/EX	8.32	9.41	BI/BHR50/SE/EX	8.32	9.41
Internal	BI/BHR45/SE/IN	8.32	9.41	BI/BHR50/SE/IN	8.32	9.41
Union Connector 	BI/BHR45/UC	15.17	17.15	BI/BHR50/UC	17.30	19.58
Cast Iron Gutter Brackets 						
Fascia Bracket	BI/BHR45/FB/CI	7.05	7.98	BI/BHR50/FB/CI	7.97	9.02
Galvanised Gutter Brackets 						
Rafter Bracket Top Fix**	BI/BHR45/RB/TF	4.51	5.70	BI/BHR50/RB/TF	4.81	5.99
Rafter Bracket Side Fix**	BI/BHR45/RB/SF	4.81	5.99	BI/BHR50/RB/SF	5.13	6.31
Rise & Fall Bracket	BI/BHR45/R&F/GS	13.70	14.88	BI/BHR50/R&F/GS	13.70	14.88
Rise & Fall Bracket with Stay	BI/BHR45/R&F/WS	18.84	20.02	BI/BHR50/R&F/WS	18.84	20.02

* Painted rates for Black Semi Gloss - Other standard colours POA
 ** please advise roof pitch angle.
 Non standard items - POA.

Description	5" x 4"			6" x 4"		
	Code	Primed	Painted*	Code	Primed	Painted*
Gutter  6ft Length	BI/MD54/6FT	126.71	143.44	BI/MD64/6FT	190.03	215.12
Angles 						
90° Internal	BI/MD54/IA/90	70.10	79.35	BI/MD64/IA/90	94.53	107.03
90° External	BI/MD54/EA/90	70.10	79.35	BI/MD64/EA/90	94.53	107.03
120° Internal	BI/MD54/IA/120	70.10	79.35	BI/MD64/IA/120	94.53	107.03
120° External	BI/MD54/EA/120	70.10	79.35	BI/MD64/EA/120	94.53	107.03
135° Internal	BI/MD54/IA/135	70.10	79.35	BI/MD64/IA/135	94.53	107.03
135° External	BI/MD54/EA/135	70.10	79.35	BI/MD64/EA/135	94.53	107.03
Outlets 						
Ø2.5"	BI/MD54/RO/25	70.10	79.35	BI/MD64/RO/25	94.53	107.03
Ø3"	BI/MD54/RO/30	70.10	79.35	BI/MD64/RO/30	94.53	107.03
Ø4"	BI/MD54/RO/40	70.10	79.35	BI/MD64/RO/40	94.53	107.03
4" x 3" Rect	BI/MD54/RO/43	70.10	79.35	BI/MD64/RO/43	94.53	107.03
Stopends 						
R/H External	BI/MD54/SE/RE	23.94	27.11	BI/MD64/SE/RE	31.53	35.71
R/H Internal	BI/MD54/SE/RI	23.94	27.11	BI/MD64/SE/RI	31.53	35.71
L/H Internal	BI/MD54/SE/LI	23.94	27.11	BI/MD64/SE/LI	31.53	35.71
Union Connector 	BI/MD54/UC	23.94	27.11	BI/MD64/UC	31.53	35.71
Cast Iron Gutter Brackets 						
Fascia Bracket	BI/MD54/FB/CI	9.71	10.99	BI/MD64/FB/CI	10.55	11.95
Galvanised Gutter Brackets 						
Rafter Bracket Top Fix**	BI/MD54/RB/TF	27.63	28.81	BI/MD64/RB/TF	32.92	34.11
Rafter Bracket Side Fix**	BI/MD54/RB/SF	27.63	28.81	BI/MD64/RB/SF	32.92	34.11
Rise & Fall Bracket	BI/MD54/R&F/GS	37.30	38.49	BI/MD64/R&F/GS	40.88	42.06
Rise & Fall Bracket with Stay	BI/MD54/R&F/WS	42.44	43.63	BI/MD64/R&F/WS	46.02	47.20

* Painted rates for Black Semi Gloss - Other standard colours POA
 ** please advise roof pitch angle.
 Non standard items - POA.

Victorian Ogee - Cast Iron

Description	4.5"			5"			
	Code	Primed	Painted*	Code	Primed	Painted*	
Gutter  6ft Length	BI/OG45/6FT	56.35	63.79	BI/OG50/6FT	59.31	68.49	
Angles 	90° Internal 90° External 120° Internal 120° External 135° Internal 135° External	BI/OG45/IA/90 BI/OG45/EA/90 BI/OG45/IA/120 BI/OG45/EA/120 BI/OG45/IA/135 BI/OG45/EA/135	21.89 21.89 21.89 21.89 21.89 21.89	24.78 24.78 24.78 24.78 24.78 24.78	BI/OG50/IA/90 BI/OG50/EA/90 BI/OG50/IA/120 BI/OG50/EA/120 BI/OG50/IA/135 BI/OG50/EA/135	23.60 23.60 23.60 23.60 23.60 23.60	26.72 26.72 26.72 26.72 26.72 26.72
Outlets 	Ø2.5" Ø3" Ø4"	BI/OG45/RO/25 BI/OG45/RO/30 -	21.89 21.89 -	24.78 24.78 -	BI/OG50/RO/25 BI/OG50/RO/30 BI/OG50/RO/40	23.60 23.60 23.60	26.72 26.72 26.72
Stopends 	R/H External R/H Internal L/H Internal	BI/OG45/SE/RE BI/OG45/SE/LE BI/OG45/SE/LI	7.77 7.77 7.77	8.81 8.81 8.81	BI/OG50/SE/RE BI/OG50/SE/LE BI/OG50/SE/LI	7.97 7.97 7.97	9.02 9.02 9.02
Union Connector 	Union Connector	BI/OG45/UC	12.49	14.12	BI/OG50/UC	15.69	17.76
Cast Iron Gutter Brackets 	Fascia Bracket	BI/OG45/FB/CI	7.05	7.98	BI/OG50/FB/CI	7.97	9.02
Galvanised Gutter Brackets 	Rafter Bracket Top Fix** Rafter Bracket Side Fix** Rise & Fall Bracket Rise & Fall Bracket with Stay	BI/OG45/RB/TF BI/OG45/RB/SF BI/OG45/R&F/GS BI/OG45/R&F/WS	15.96 15.96 28.69 33.83	17.14 17.14 29.87 35.01	BI/OG50/RB/TF BI/OG50/RB/SF BI/OG50/R&F/GS BI/OG50/R&F/WS	15.96 15.96 28.69 33.83	17.14 17.14 29.87 35.01

* Painted rates for Black Semi Gloss - Other standard colours POA
** please advise roof pitch angle.
Non standard items - POA.

Hopper Heads - Cast Iron








Description	Standard Range			
	Outlet Size	Code	Primed	Painted*
No 1 Flat Back h=245, w=330, d=220mm 	Ø2.5" Ø3" Ø4"	BI/RH/1/25F BI/RH/1/30F BI/RH/1/40F	92.01 92.01 122.59	104.16 104.16 138.79
No1 Corner h=245, w=240, d=240mm 	Ø2.5" Ø3" Ø4"	BI/RH/1/25C BI/RH/1/30C BI/RH/1/40C	92.01 92.01 122.59	104.16 104.16 138.79
No 2 Flat Back h=220, w=248, d=172mm 	Ø2.5" Ø3" Ø4" 4x3" Rect	BI/RH/2/25 BI/RH/2/30 BI/RH/2/40 BI/RH/2/43	86.37 86.37 86.37 86.37	97.78 97.78 97.78 97.78
No 3 Flat Back h=245, w=295, d=245mm 	Ø2.5" Ø3" Ø4" 4x3" Rect	BI/RH/3/25 BI/RH/3/30 BI/RH/3/40 BI/RH/3/43	154.86 154.86 154.86 154.86	175.31 175.31 175.31 175.31

Non standard items - POA.
* Painted rates for Black Semi Gloss - Other standard colours POA

Description	2.5" Round			3" Round			4" Round		
	Code	Primed	Painted*	Code	Primed	Painted*	Code	Primed	Painted*
Pipe  6ft Length with Ears 6ft Length without Ears	BI/P25/6FT/E	89.77	101.62	BI/P30/6FT/E	89.77	101.62	BI/P40/6FT/E	119.90	135.73
	BI/P25/6FT/NE	83.65	94.70	BI/P30/6FT/NE	83.65	94.70	BI/P40/6FT/NE	114.24	129.32
Bends  92.5° Bend without Ears 112.5° Bend without Ears 135° Bend without Ears	BI/P25/B/92	26.58	30.11	BI/P30/B/92	32.28	36.53	BI/P40/B/92	45.33	51.31
	BI/P25/B/112	26.58	30.11	BI/P30/B/112	32.28	36.53	BI/P40/B/112	45.33	51.31
	BI/P25/B/135	26.58	30.11	BI/P30/B/135	32.28	36.53	BI/P40/B/135	45.33	51.31
Y-Branch*  92.5° Branch without Ears 112.5° Branch without Ears 135° Branch without Ears	BI/P25/BR/92	51.03	57.77	BI/P30/BR/92	56.30	63.75	BI/P40/BR/92	66.95	75.80
	BI/P25/BR/112	51.03	57.77	BI/P30/BR/112	56.30	63.75	BI/P40/BR/112	66.95	75.80
	BI/P25/BR/135	51.03	57.77	BI/P30/BR/135	56.30	63.75	BI/P40/BR/135	66.95	75.80
Shoe & Access Pipe  Shoe with Ears Shoe without Ears Inspection Pipe with Ears Inspection Pipe without Ears	BI/P25/SH/E	43.39	49.12	BI/P30/SH/E	43.39	49.12	BI/P40/SH/E	56.30	63.75
	BI/P25/SH	37.63	42.60	BI/P30/SH	37.63	42.60	BI/P40/SH	50.52	57.18
	BI/P25/AP/E	94.43	106.89	BI/P30/AP/E	94.43	106.89	BI/P40/AP/E	134.18	171.64
	BI/P25/AP	76.69	86.81	BI/P30/AP	76.69	86.81	BI/P40/AP	134.18	151.91
Swanneck*  3" Projection without Ears 4.5" Projection without Ears 6" Projection without Ears 9" Projection without Ears 12" Projection without Ears 15" Projection without Ears 18" Projection without Ears 21" Projection without Ears 24" Projection without Ears 27" Projection without Ears 30" Projection without Ears	BI/P25/OS/03	40.82	46.20	BI/P30/OS/03	40.82	46.20	BI/P40/OS/03	76.69	86.81
	BI/P25/OS/04	40.82	46.20	BI/P30/OS/04	40.82	46.20	BI/P40/OS/04	76.69	86.81
	BI/P25/OS/06	40.82	46.20	BI/P30/OS/06	40.82	46.20	BI/P40/OS/06	76.69	86.81
	BI/P25/OS/09	47.05	53.27	BI/P30/OS/09	47.05	53.27	BI/P40/OS/09	92.32	104.50
	BI/P25/OS/12	47.05	53.27	BI/P30/OS/12	47.05	53.27	BI/P40/OS/12	92.32	104.50
	BI/P25/OS/15	110.28	124.85	BI/P30/OS/15	110.28	124.85	BI/P40/OS/15	150.62	170.52
	BI/P25/OS/18	128.79	145.82	BI/P30/OS/18	128.79	145.82	BI/P40/OS/18	182.65	206.77
	BI/P25/OS/21	154.88	175.34	BI/P30/OS/21	154.88	175.34	BI/P40/OS/21	208.78	236.34
	BI/P25/OS/24	181.08	204.99	BI/P30/OS/24	181.08	204.99	BI/P40/OS/24	234.93	266.09
	BI/P25/OS/27	215.98	244.50	BI/P30/OS/27	215.98	244.49	BI/P40/OS/27	261.07	295.56
BI/P25/OS/30	242.07	274.04	BI/P30/OS/30	242.07	274.04	BI/P40/OS/30	261.07	295.56	
Sockets  Loose Socket without Ear Loose Socket with Ear	BI/P25/LS	26.87	30.42	BI/P30/LS	26.87	30.42	BI/P40/LS	29.63	33.54
	BI/P25/LS/E	26.87	30.42	BI/P30/LS/E	26.87	30.42	BI/P40/LS/E	29.63	33.54
Pipe Clips  Earbelt Standard Holderbat Standard Holdfasts	BI/P25/EB/ST	23.62	27.16	BI/P30/EB/ST	23.62	27.16	BI/P40/EB/ST	25.98	29.52
	BI/P25/HB/ST	61.33	69.43	BI/P30/HB/ST	61.33	69.43	BI/P40/HB/ST	61.33	106.06
	BI/P25/HF/ST	9.48	11.00	BI/P30/HF/ST	9.48	11.00	BI/P40/HF/ST	10.67	12.39

Non standard items - POA.

* Painted rates for Black Semi Gloss - Other standard colours POA

Description	4" x 3" Rectangular		
	Code	Primed	Painted*
Pipe  6ft Length with Ears 6ft Length without Ears 3ft Length double collar with Ears 3ft Length double collar without Ears	BI/P43/6FT/E	260.96	270.81
	BI/P43/6FT/NE	256.30	265.97
	BI/P43/DC/3FT/E	189.65	196.77
	BI/P43/DC/3FT/NE	187.34	194.41
Bends  92.5° Bend without Ears L/H 92.5° Bend without Ears R/H 135° Bend without Ears L/H 135° Bend without Ears R/H	BI/P43/B/92LH	158.47	164.45
	BI/P43/B/92RH	158.47	164.45
	BI/P43/B/135LH	158.47	164.45
	BI/P43/B/135RH	158.47	164.45
Y-Branch*  92.5° Branch without Ears L/H 92.5° Branch without Ears R/H 135° Branch without Ears L/H 135° Branch without Ears R/H	BI/P43/BR/92LH	215.09	223.21
	BI/P43/BR/92RH	215.09	223.21
	BI/P43/BR/135LH	215.09	223.21
	BI/P43/BR/135RH	215.09	223.21
Shoe  Shoe with Ears	BI/P43/SH/E	126.99	131.79
Eared Plinth Offsets  2.5" 135° Plinth with Ears 2.5" 135° Plinth without Ears 3" 135° Plinth with Ears 3" 135° Plinth without Ears	BI/P43/OS/02P	141.62	146.95
	BI/P43/OS/02P/E	141.62	146.95
	BI/P43/OS/03P	141.62	146.95
	BI/P43/OS/03P/E	141.62	146.95
Swannecks  6" 120° Projection without Ears 9" 120° Projection without Ears 12" 120° Projection without Ears	BI/P43/OS/06	129.65	134.66
	BI/P43/OS/09	170.29	176.71
	BI/P43/OS/12	182.56	189.45
Pipe Clips  Earbelt Standard	BI/P43/EB/ST	27.16	30.70

Non standard items - POA.

* Painted rates for Black Semi Gloss - Other standard colours POA

Product Range

— LEGION —

Pressed Aluminium Box Gutters

— SENTINEL —

Extruded Aluminium Gutters

— LEGACY —

Cast Aluminium Gutters

— COLONNADE —

Aluminium Rainwater Pipes

— TRUELINE —

Aluminium Fascia, Wall Copings, Cill Trims
and Bespoke Pressings

— BRITANNIA —

Cast Iron Rainwater Systems

— MUSTANG —

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