

GUTTERCREST

ALUMINIUM

RAINWATER GOODS | FASCIAS | SOFFITS
COPINGS | COLUMN CASINGS | WINDOW PODS



www.guttercrest.co.uk



GUTTERCREST

We were founded in 1980 as a small family business in Oswestry, Shropshire where we remain today. Initially involved in the manufacture and installation of aluminium seamless gutters and downpipes. Over time, this led on to the installation of sectional aluminium guttering and rainwater pipes, aluminium fascias soffits, copings and architectural fabrications. During the mid-1980s we expanded into manufacturing, developing an extensive portfolio of aluminium rainwater goods and eaves products.

After many years of successfully installing aluminium rainwater drainage, fascia soffit and coping systems we ceased installation works in 2004 to concentrate solely upon the design, manufacture and supply of aluminium rainwater and eaves products. Our philosophy of thinking as an installer and not just as a manufacturer is possible due to the vast site experience that we gained over 25 years. This knowledge has been retained within our design, technical and production teams who expertly guide customers through the specification process.

In 2015 we invested in a second factory unit in Oswestry, taking our space from 25,000sq ft to 65,000sq ft, investing in a high bay racking system to increase stock levels and improve distribution. In 2017 we further strengthened our product range by obtaining Alifabs from ABP.

Customer service is of the utmost importance, with our flexibility of design and manufacture allowing us to deliver not only standard but also bespoke products very swiftly, meeting the challenges of today's fast track construction projects. We are passionate and committed that our traditional and contemporary aluminium building products are manufactured using only the very best materials. We continually invest in research and development working with advances in technology and materials.

We continue to be a family owned and run business with dedicated and hardworking staff, many of whom have been with us since the early days.



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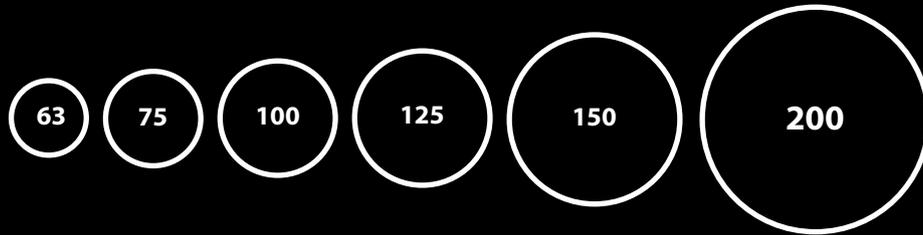
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COMPREHENSIVE RANGE | LIGHTWEIGHT BUT STRONG | LOW MAINTENANCE
LONG LIFE | CORROSION RESISTANT | WIDE COLOUR RANGE
RECYCLABLE | EASY TO INSTALL | AESTHETICS | COMPETITIVELY PRICED
QUALITY | MARINE GRADE ALUMINIUM

Round Downpipes

Extruded round aluminium downpipes with neat plain collars and pipe clips. Also available as a flush jointed system. (Internal Spigots)



ROUND DOWNPIPE SYSTEM

DOWNPIPE LENGTHS

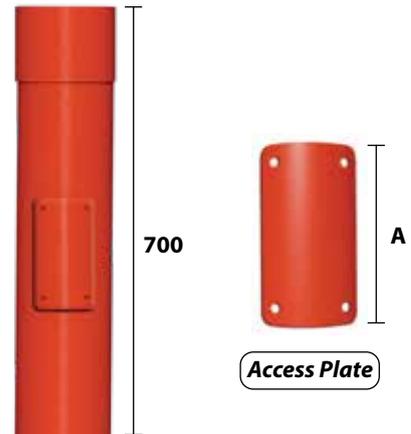
PIPE (mm)	3m	1.5m	1m	OTHER SPECIFY LENGTH	WALL THICKNESS	A (mm)
63	RW1/1	RW1/4	RW1/5	RW1/6	1.6	50
75	RW2/1	RW2/4	RW2/5	RW2/6	1.6	50
100	RW3/1	RW3/4	RW3/5	RW3/6	1.6	60
125	RW4/1	RW4/4	RW4/5	RW4/6	2	70
150	RW5/1	RW5/4	RW5/5	RW5/6	2.5	80



Other sizes available to order

ACCESS PIPES & PLATES

PIPE (mm)	ACCESS PIPE COMPLETE WITH PLATE	ACCESS PLATE	A (mm)
63	RW1/8	RW1/9	100
75	RW2/8	RW2/9	100
100	RW3/8	RW3/9	130
125	RW4/8	RW4/9	165
150	RW5/8	RW5/9	200

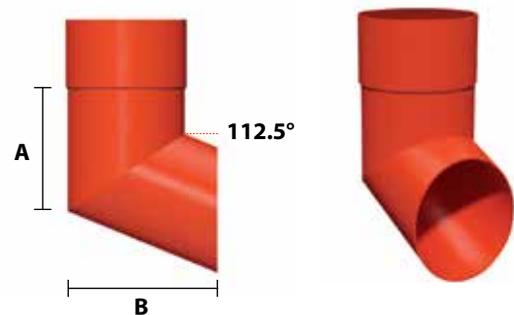


Access Pipe

Access Plate

SHOES

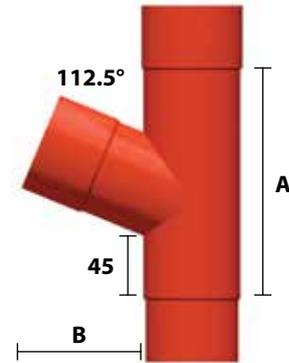
PIPE (mm)	SHOE	A (mm)	B (mm)
63	RW1/10	140	95
75	RW2/10	155	105
100	RW3/10	180	130
125	RW4/10	210	155
150	RW5/10	235	180



ROUND DOWNPIPE SYSTEM

BRANCHES

PIPE (mm)	BRANCH	A (mm)	B (mm)
63	RW1/11	320	115
75	RW2/11	335	120
100	RW3/11	360	140
125	RW4/11	390	155
150	RW5/11	410	175



CONNECTORS

PIPE (mm)	CONNECTOR	A (mm)	B (mm)
63	RW1/12	50	50
75	RW2/12	50	50
100	RW3/12	60	50
125	RW4/12	70	60
150	RW5/12	80	60

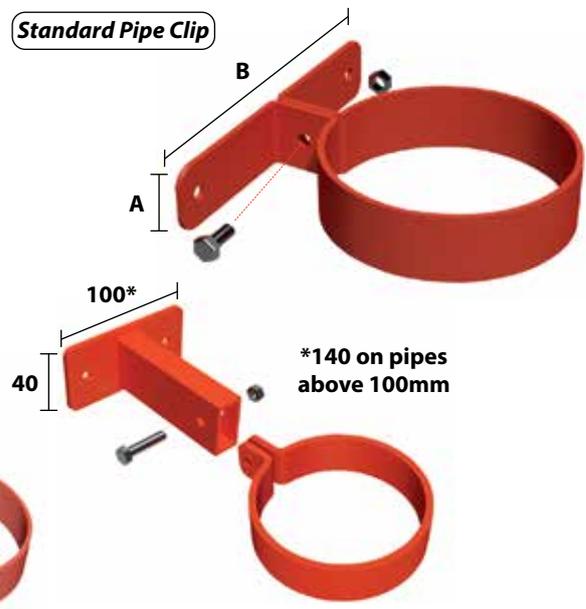


Ground adaptors available

PIPE CLIPS

PIPE (mm)	PIPE CLIP	MAX 100T*BKT	MAX 200T*BKT	MAX 300T*BKT	A (mm)	B (mm)
63	RW1/16	RW1/17	RW1/18	RW1/19	30	110
75	RW2/16	RW2/17	RW2/18	RW2/19	30	115
100	RW3/16	RW3/17	RW3/18	RW3/19	30	145
125	RW4/16	RW4/17	RW4/18	RW4/19	40	190
150	RW5/16	RW5/17	RW5/18	RW5/19	40	190

Standard Pipe Clip



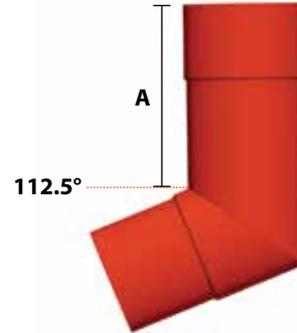
Special brackets available on request.
*T = Projection from wall (mm)

Mullion Bracket
also available

ROUND DOWNPIPE SYSTEM

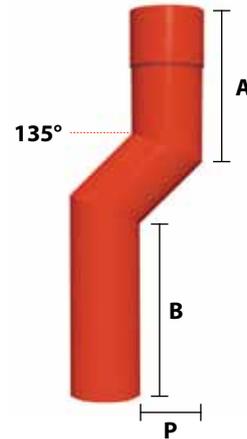
BENDS

PIPE (mm)	BEND	A (mm)
63	RW1/21	125
75	RW2/21	125
100	RW3/21	125
125	RW4/21	125
150	RW5/21	125



PLINTH OFFSETS

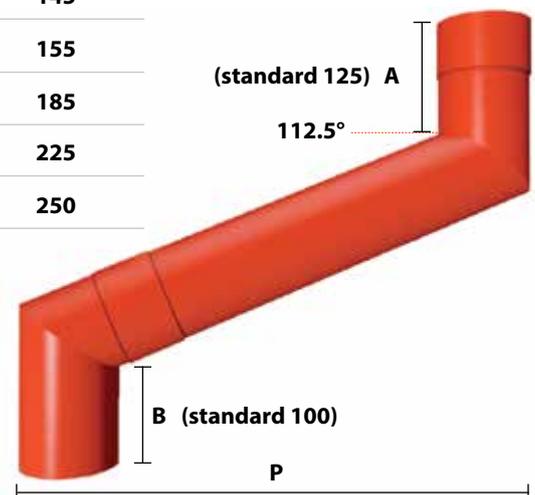
PIPE (mm)	OFFSET	A (mm)	B (mm)	P (mm)
63	RW1/23	140	200	
75	RW2/23	145	200	Please state size required
100	RW3/23	165	200	
125	RW4/23	185	200	
150	RW5/23	205	200	



2 PIECE ADJUSTABLE SWAN NECKS

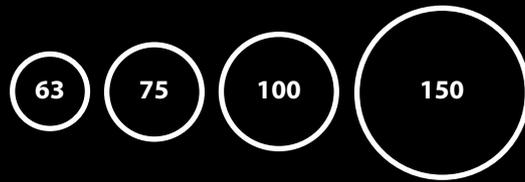
One-piece Swan Necks also available

PIPE (mm)	ONE PIECE STATE SIZE	MAXIMUM PROJECTION OF SWAN NECKS						OTHER	MINIUMUM PROJECTION P
		300	450	600	900	1200			
63	RW1/25	RW1/26	RW1/27	RW1/28	RW1/29	RW1/30	Please Specify A, B & P, projection angle RW?/31	145	
75	RW2/25	RW2/26	RW2/27	RW2/28	RW2/29	RW2/30		155	
100	RW3/25	RW3/26	RW3/27	RW3/28	RW3/29	RW3/30		185	
125	RW4/25	RW4/26	RW4/27	RW4/28	RW4/29	RW4/30		225	
150	RW5/25	RW5/26	RW5/27	RW5/28	RW5/29	RW5/30		250	



Traditional Round Downpipes

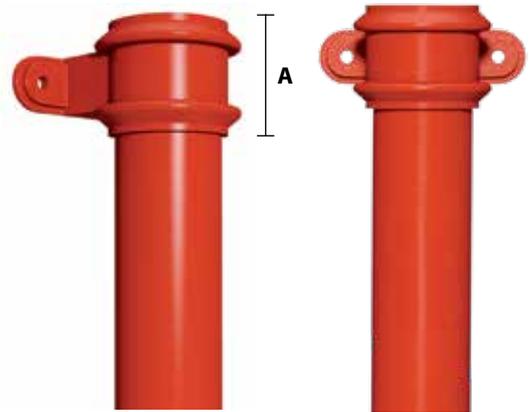
Extruded round aluminium downpipes with traditional cast collars.



TRADITIONAL ROUND CAST DOWNPIPE SYSTEM

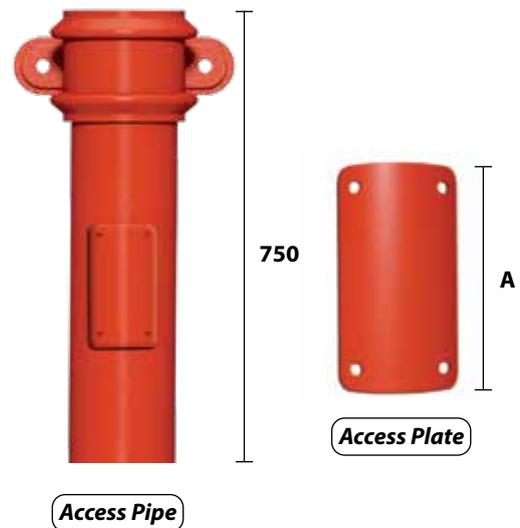
DOWNPIPE LENGTHS

PIPE (mm)	3m	1.8m	1m	OTHER SPECIFY LENGTH	WALL THICKNESS	A (mm)
63	RW1T/1	RW1T/3	RW1T/5	RW1T/6	1.6	76
75	RW2T/1	RW2T/3	RW2T/5	RW2T/6	1.6	76
100	RW3T/1	RW3T/3	RW3T/5	RW3T/6	1.6	100
150	RW5T/1	RW5T/3	RW5T/5	RW5T/6	2.5	112



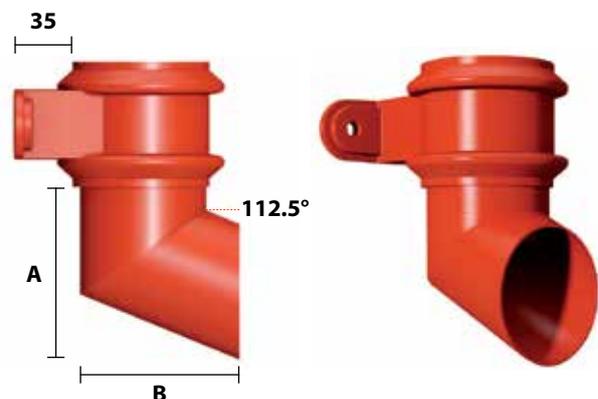
ACCESS PIPES & PLATES

PIPE (mm)	ACCESS PIPE COMPLETE WITH PLATE	ACCESS PLATE	A (mm)
63	RW1T/8	RW1T/9	100
75	RW2T/8	RW2T/9	100
100	RW3T/8	RW3T/9	130
150	RW5T/8	RW5T/9	200



SHOES

PIPE (mm)	SHOE	A (mm)	B (mm)
63	RW1T/10	140	95
75	RW2T/10	155	105
100	RW3T/10	180	130
150	RW5T/10	235	180

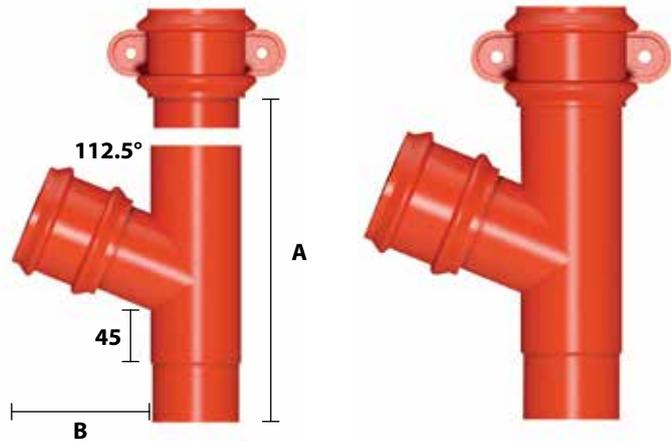


TRADITIONAL ROUND CAST DOWNPIPE SYSTEM

BRANCHES

PIPE (mm)	BRANCH	A (mm)	B (mm)
63	RW1T/11	320	140
75	RW2T/11	335	145
100	RW3T/11	360	155
150	RW5T/11	410	205

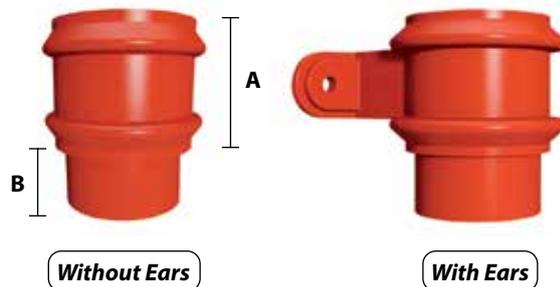
Note: Universal branch for left or right hand.



CONNECTORS

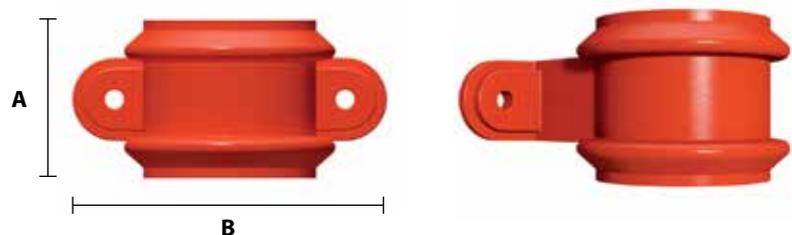
PIPE (mm)	CONNECTOR (NO EARS)	CONNECTOR (EARS)	A (mm)	B (mm)
63	RW1T/12	RW1T/13	76	50
75	RW2T/12	RW2T/13	76	50
100	RW3T/12	RW3T/13	100	50
150	RW5T/12	RW5T/13	112	60

Note: A standard round downpipe plain connector can also be used.



COLLAR BRACKETS

PIPE (mm)	COLLAR BRACKETS	A (mm)	B (mm)
63	RW1T/15	76	140
75	RW2T/15	76	155
100	RW3T/15	100	200
150	RW5T/15	112	235

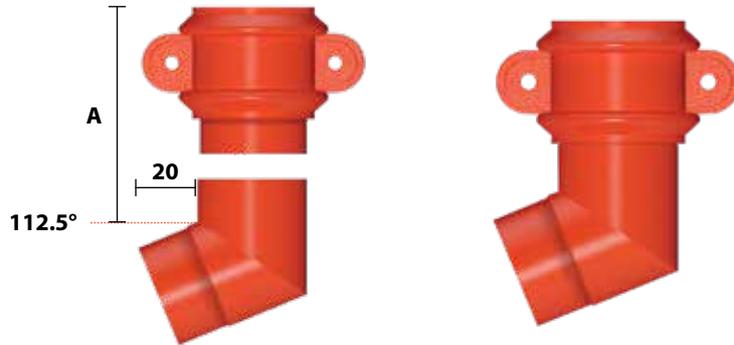


This item is used in place of a bracket i.e. at the base of the downpipe if no shoe is required.

TRADITIONAL ROUND CAST DOWNPIPE SYSTEM

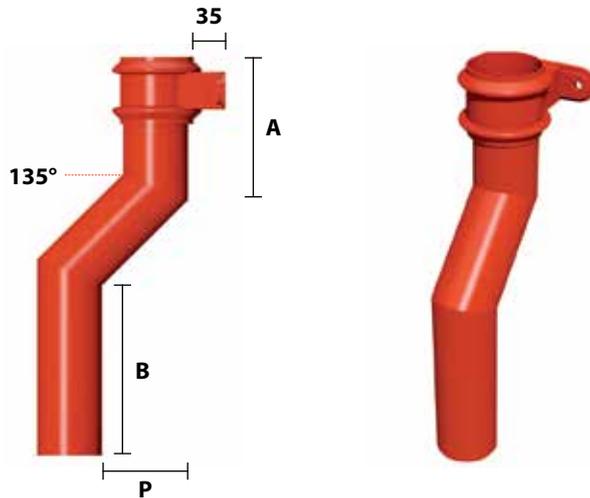
UNIVERSAL LEFT AND RIGHT HAND BENDS

PIPE (mm)	BEND (NO EARS)	BEND (EARS)	A (mm)
63	RW1T/21	RW1T/22	125
75	RW2T/21	RW2T/22	125
100	RW3T/21	RW3T/22	125
150	RW5T/21	RW5T/22	125



PLINTH OFFSETS

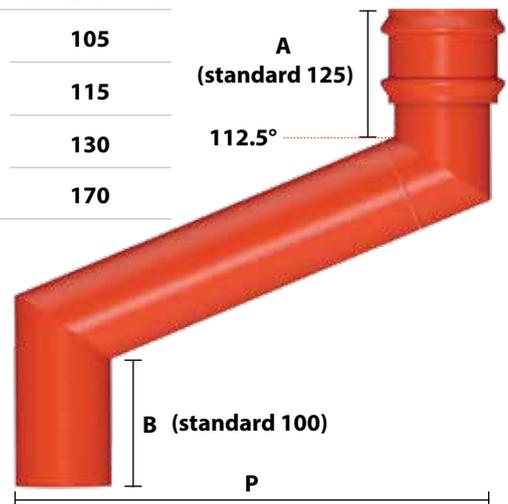
PIPE (mm)	OFFSET	A (mm)	B (mm)	P (mm)
63	RW1T/23	165	200	Please state size required
75	RW2T/23	170	200	
100	RW3T/23	180	200	
150	RW5T/23	240	200	



2 PIECE ADJUSTABLE SWAN NECKS

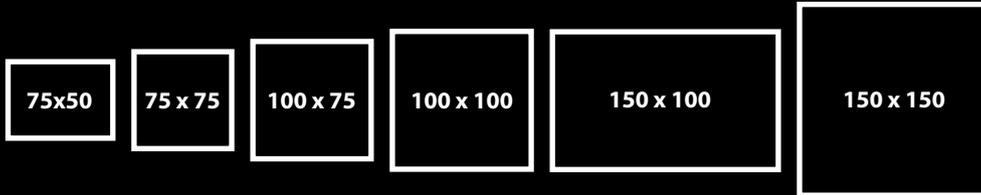
One-piece Swan Necks also available

PIPE (mm)	ONE PIECE STATE SIZE	MAXIMUM PROJECTION OF SWAN NECKS						OTHER	MINIMUM PROJECTION P
		300	450	600	900	1200			
63	RW1T/25	RW1T/26	RW1T/27	RW1T/28	RW1T/29	RW1T/30	Please Specify A, B & P, projection angle RW?/31	105	
75	RW2T/25	RW2T/26	RW2T/27	RW2T/28	RW2T/29	RW2T/30		115	
100	RW3T/25	RW3T/26	RW3T/27	RW3T/28	RW3T/29	RW3T/30		130	
150	RW5T/25	RW5T/26	RW5T/27	RW5T/28	RW5T/29	RW5T/30		170	



Square & Rectangular Downpipes

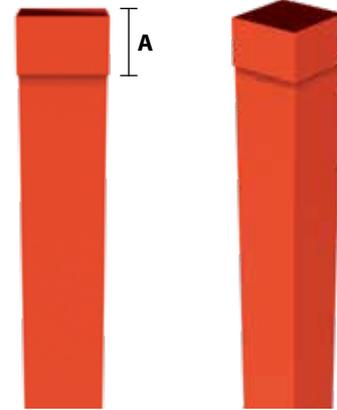
Extruded square and rectangular aluminium downpipes with neat plain collars and pipe clips. Also available as a flush jointed system. (Internal Spigots)



SQUARE & RECTANGULAR DOWNPIPE SYSTEM

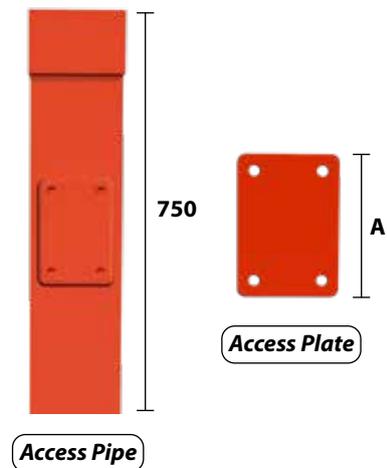
DOWNPIPE LENGTHS

PIPE (mm)	3m	1.5m	1m	OTHER SPECIFY LENGTH	WALL THICKNESS	A (mm)
75 x 50	RW32/1	RW32/4	RW32/5	RW32/6	1.6	50
75 x 75	RW33/1	RW33/4	RW33/5	RW33/6	1.6	50
100 x 75	RW43/1	RW43/4	RW43/5	RW43/6	2	60
100 x 100	RW44/1	RW44/4	RW44/5	RW44/6	2	60
150 x 100	RW64/1	RW64/4	RW64/5	RW64/6	2.5	80
150 x 150	RW66/1	RW66/4	RW66/5	RW66/6	3	80



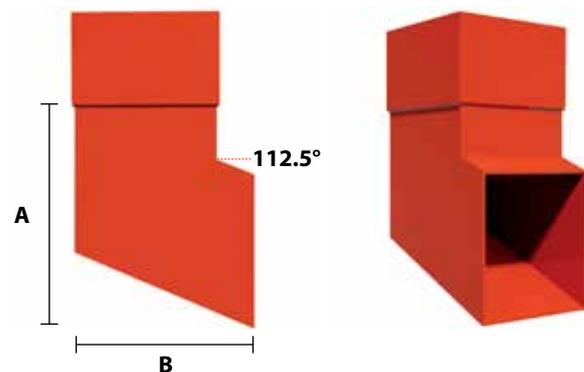
ACCESS PIPES & PLATES

PIPE (mm)	ACCESS PIPE COMPLETE WITH PLATE	ACCESS PLATE	A (mm)
75 x 50	RW32/8	RW32/9	100
75 x 75	RW33/8	RW33/9	100
100 x 75	RW43/8	RW43/9	130
100 x 100	RW44/8	RW44/9	130
150 x 100	RW64/8	RW64/9	200
150 x 150	RW66/8	RW66/9	200



SHOES

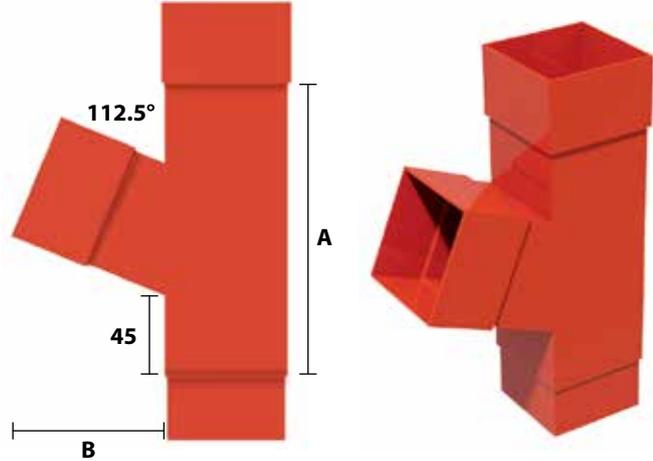
PIPE (mm)	SHOE	A (mm)	B (mm)
75 x 50	RW32/10	130	80
75 x 75	RW33/10	155	105
100 x 75	RW43/10	155	105
100 x 100	RW44/10	180	130
150 x 100	RW64/10	180	130
150 x 150	RW66/10	235	180



SQUARE & RECTANGULAR DOWNPIPE SYSTEM

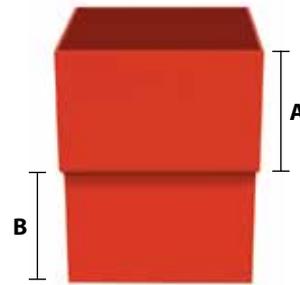
BRANCHES

PIPE (mm)	BRANCH	A (mm)	B (mm)
75 x 50	RW32/11	335	120
75 x 75	RW33/11	335	120
100 x 75	RW43/11	360	140
100 x 100	RW44/11	360	140
150 x 100	RW64/11	410	175
150 x 150	RW66/11	410	175



CONNECTORS

PIPE (mm)	CONNECTOR	A (mm)	B (mm)
75 x 50	RW32/12	50	50
75 x 75	RW33/12	50	50
100 x 75	RW43/12	60	50
100 x 100	RW44/12	60	50
150 x 100	RW64/12	80	60
150 x 150	RW66/12	80	60



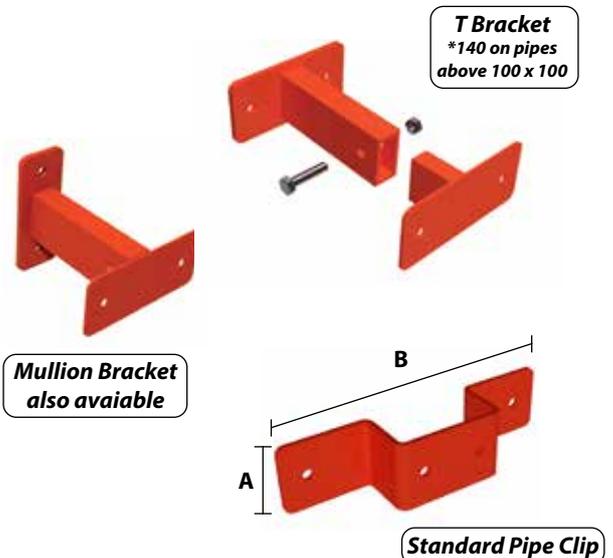
Ground adaptors available

PIPE CLIPS

PIPE (mm)	PIPE CLIP	MAX 100T*BKT	MAX 200T*BKT	MAX 300T*BKT	A (mm)	B (mm)
75 x 50	RW32/16	RW32/17	RW32/18	RW32/19	40	165
75 x 75	RW33/16	RW33/17	RW33/18	RW33/19	40	165
100 x 75	RW43/16	RW43/17	RW43/18	RW43/19	40	185
100 x 100	RW44/16	RW44/17	RW44/18	RW44/19	40	185
150 x 100	RW64/16	RW64/17	RW64/18	RW64/19	40	245
150 x 150	RW66/16	RW66/17	RW66/18	RW66/19	40	245

Special brackets available on request.

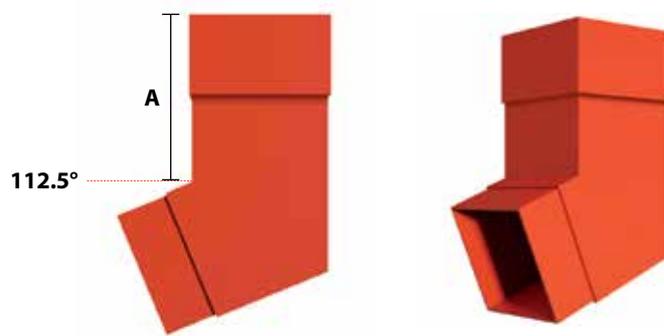
*T = Projection from wall (mm)



SQUARE & RECTANGULAR DOWNPIPE SYSTEM

UNIVERSAL LEFT AND RIGHT HAND BENDS

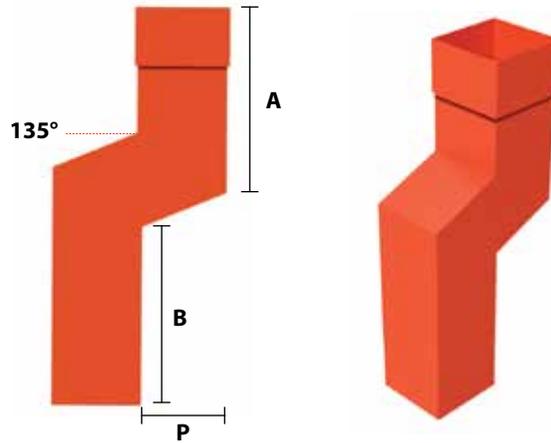
PIPE (mm)	BEND	A (mm)
75 x 50	RW32/21	125
75 x 75	RW33/21	125
100 x 75	RW43/21	125
100 x 100	RW44/21	125
150 x 100	RW64/21	125
150 x 150	RW66/21	125



Note: If side bend required in rectangular profile pipe please specify.

PLINTH OFFSETS

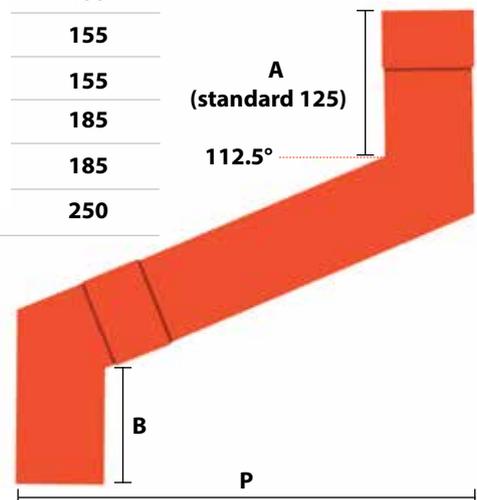
PIPE (mm)	OFFSET	A (mm)	B (mm)	P (mm)
75 x 50	RW32/23	135	200	Please state size required
75 x 75	RW33/23	145	200	
100 x 75	RW43/23	145	200	
100 x 100	RW44/23	165	200	
150 x 100	RW64/23	165	200	
150 x 150	RW66/23	205	200	



2 PIECE ADJUSTABLE SWAN NECKS

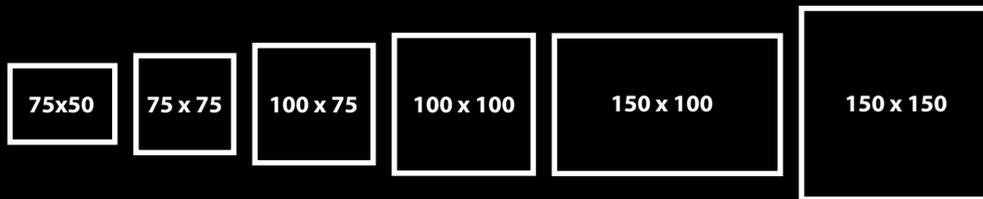
One-piece Swan Necks also available

PIPE (mm)	ONE PIECE STATE SIZE	MAXIMUM PROJECTION OF SWAN NECKS						OTHER	MINIMUM PROJECTION P
		300	450	600	900	1200			
75 x 50	RW32/25	RW32/26	RW32/27	RW32/28	RW32/29	RW32/30		135	
75 x 75	RW33/25	RW33/26	RW33/27	RW33/28	RW33/29	RW33/30	Please Specify A, B & P, projection angle RW?/31	155	
100 x 75	RW43/25	RW43/26	RW43/27	RW43/28	RW43/29	RW43/30		155	
100 x 100	RW44/25	RW44/26	RW44/27	RW44/28	RW44/29	RW44/30		185	
150 x 100	RW64/25	RW64/26	RW64/27	RW64/28	RW64/29	RW64/30		185	
150 x 150	RW66/25	RW66/26	RW66/27	RW66/28	RW66/29	RW66/30		250	



Georgian Square & Rectangular Downpipes

Extruded square and rectangular aluminium downpipes with Georgian style.

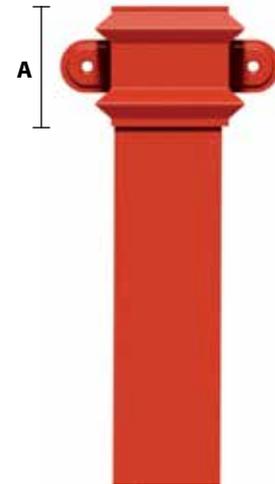


GEORGIAN SQUARE & RECTANGULAR CASTDOWNPIPE SYSTEM

DOWNPIPE LENGTHS

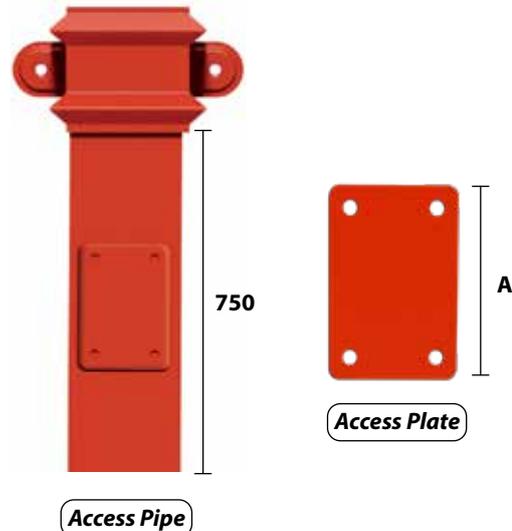
PIPE (mm)	3m	1.8m	1m	OTHER SPECIFY LENGTH	WALL THICKNESS	A (mm)
75 x 50	RW32G/1	RW32G/3	RW32G/5	RW32G/6	1.6	85
75 x 75	RW33G/1	RW33G/3	RW33G/5	RW33G/6	1.6	105
100 x 75	RW43G/1	RW43G/3	RW43G/5	RW43G/6	2	105
100 x 100	RW44G/1	RW44G/3	RW44G/5	RW44G/6	2	105

150 x 100 and 150 x 150 available on application.



ACCESS PIPES & PLATES

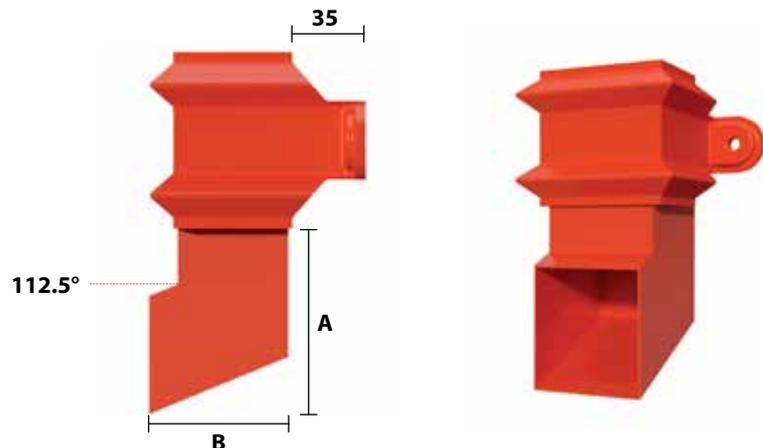
PIPE (mm)	ACCESS PIPE COMPLETE WITH PLATE	ACCESS PLATE	A (mm)
75 x 50	RW32G/8	RW32G/9	100
75 x 75	RW33G/8	RW33G/9	100
100 x 75	RW43G/8	RW43G/9	130
100 x 100	RW44G/8	RW44G/9	130



Access Pipe

SHOES

PIPE (mm)	SHOE	A (mm)	B (mm)
75 x 50	RW32G/10	130	80
75 x 75	RW33G/10	155	105
100 x 75	RW43G/10	155	105
100 x 100	RW44G/10	180	130

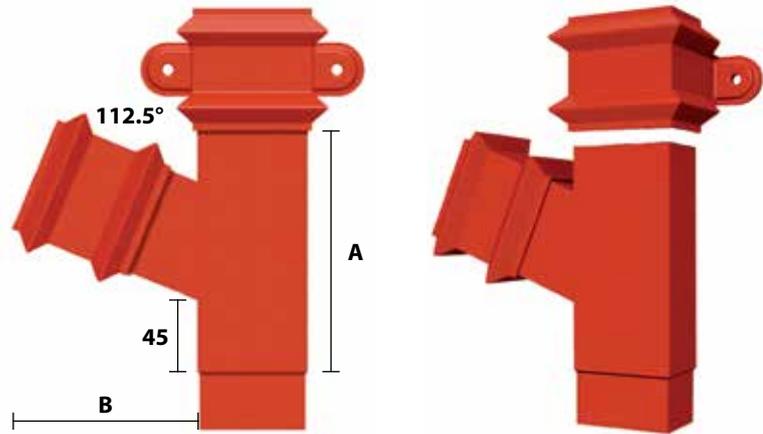


GEORGIAN SQUARE & RECTANGULAR CASTDOWNPIPE SYSTEM

BRANCHES

PIPE (mm)	BRANCH	A (mm)	B (mm)
75 x 50	RW32G/11	335	145
75 x 75	RW33G/11	335	170
100 x 75	RW43G/11	360	190
100 x 100	RW44G/11	360	190

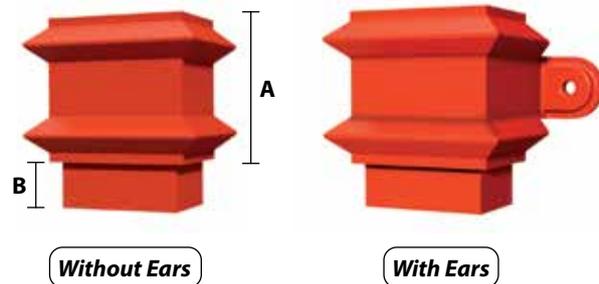
Note: Universal branch for left or right hand.



CONNECTORS

PIPE (mm)	CONNECTOR (NO EARS)	CONNECTOR (EARS)	A (mm)	B (mm)
75 x 50	RW32G/12	RW32G/13	85	50
75 x 75	RW33G/12	RW33G/13	105	50
100 x 75	RW43G/12	RW43G/13	105	50
100 x 100	RW44G/12	RW44G/13	105	50

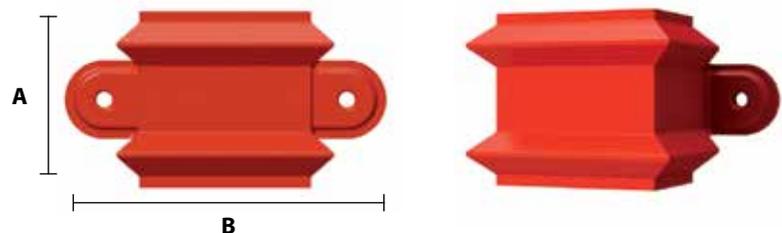
Ground adaptors available



COLLAR BRACKETS

PIPE (mm)	COLLAR BRACKET	A (mm)	B (mm)
75 x 50	RW32G/15	85	170
75 x 75	RW33G/15	105	180
100 x 75	RW43G/15	105	205
100 x 100	RW44G/15	105	205

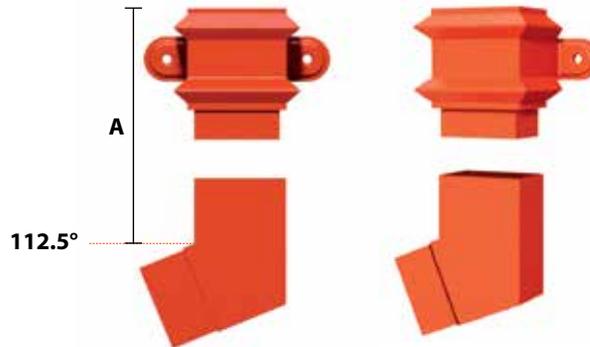
This item is used in place of a bracket i.e. used as bottom bracket 18 no shoe is utilised



GEORGIAN SQUARE & RECTANGULAR CASTDOWNPIPE SYSTEM

UNIVERSAL LEFT AND RIGHT HAND BENDS

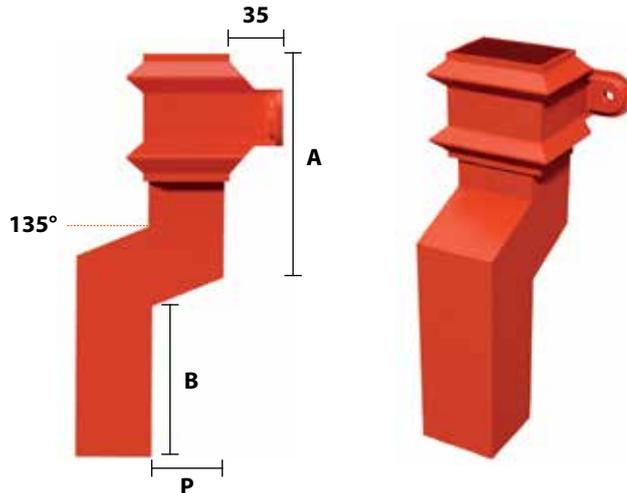
PIPE (mm)	BEND (NO EARS)	BEND (EARS)	A (mm)
75 x 50	RW32G/21	RW32G/21	125
75 x 75	RW33G/21	RW33G/21	125
100 x 75	RW43G/21	RW43G/21	125
100 x 100	RW44G/21	RW44G/21	125



Note: If side bend required in rectangular profile pipe please specify.

PLINTH OFFSETS

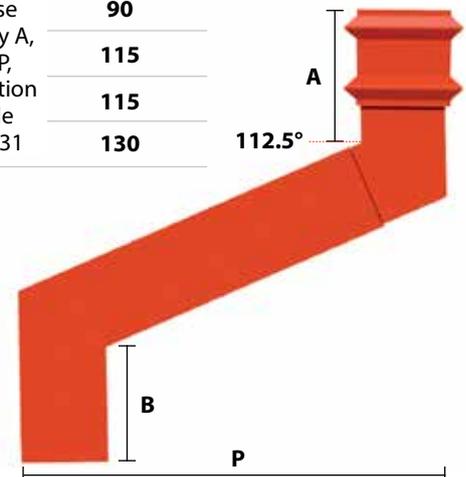
PIPE (mm)	OFFSET	A (mm)	B (mm)	P (mm)
75 x 50	RW32G/23	170	200	Please state size required
75 x 75	RW33G/23	195	200	
100 x 75	RW43G/23	195	200	
100 x 100	RW44G/23	210	200	



2 PIECE ADJUSTABLE SWAN NECKS

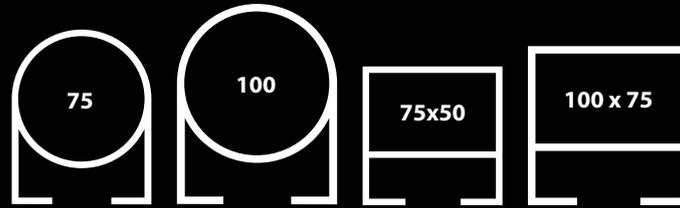
One-piece Swan Necks also available

PIPE (mm)	ONE PIECE STATE SIZE	MAXIMUM PROJECTION OF SWAN NECKS						OTHER	MINIUMUM PROJECTION P	A (standard 125)
		300	450	600	900	1200				
75 x 50	RW32G/25	RW32G/26	RW32G/27	RW32G/28	RW32G/29	RW32G/30	Please Specify A, B & P, projection angle RW?/31	90	112.5°	
75 x 75	RW33G/25	RW33G/26	RW33G/27	RW33G/28	RW33G/29	RW33G/30		115		
100 x 75	RW43G/25	RW43G/26	RW43G/27	RW43G/28	RW43G/29	RW43G/30		115		
100 x 100	RW44G/25	RW44G/26	RW44G/27	RW44G/28	RW44G/29	RW44G/30		130		



High Security Downpipes

A range of downpipes for use where a high level of security is required. Pipes have concealed fixings and are designed to be anti-climb and vandal resistant.



HIGH SECURITY DOWNPIPE SYSTEM

DOWNPIPE LENGTHS

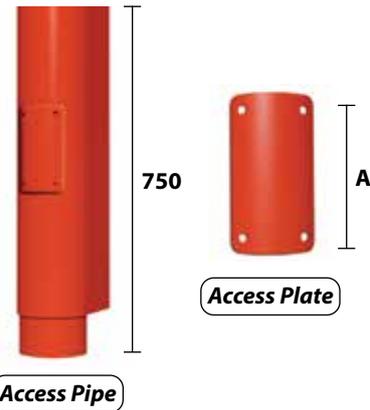
PIPE (mm)	3m	1.5m	1m	OTHER SPECIFY LENGTH	WALL THICKNESS	A (mm)
75	RW2HS/1	RW2HS/4	RW2HS/5	RW2HS/6	2.5	50
100	RW3HS/1	RW3HS/4	RW3HS/5	RW3HS/6	2.5	50
75 x 50	RW32HS/1	RW32HS/4	RW32HS/5	RW32HS/6	2.5	50
100 x 75	RW43HS/1	RW43HS/4	RW43HS/5	RW43HS/6	2.5	50

Typical high security pipe profiles:



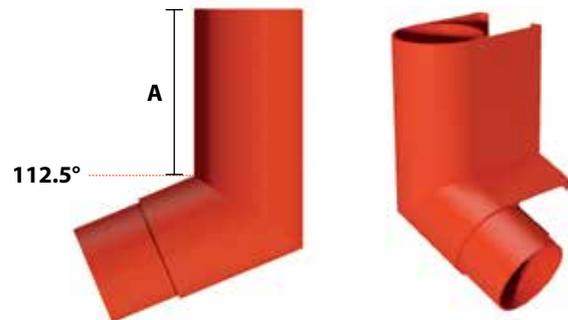
ACCESS PIPES & PLATES

PIPE (mm)	ACCESS PIPE COMPLETE WITH PLATE	ACCESS PLATE	A (mm)
75	RW2HS/8	RW2HS/9	100
100	RW3HS/8	RW3HS/9	130
75 x 50	RW32HS/8	RW32HS/9	100
100 x 75	RW43HS/8	RW43HS/9	130



BENDS

PIPE (mm)	BEND	A (mm)
75	RW2HS/21	100
100	RW3HS/21	100
75 x 50	RW32HS/21	100
100 x 75	RW43HS/21	100



When ordering bends please state Left/Right.

PIPE BRACKETS

PIPE (mm)	75	100	75 x 50	100 x 75
	RW2HS/21	RW2HS/21	RW2HS/21	RW2HS/21

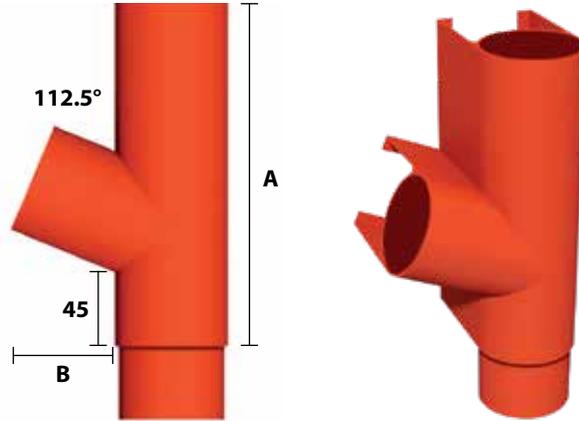


HIGH SECURITY DOWNPIPE SYSTEM

BRANCHES

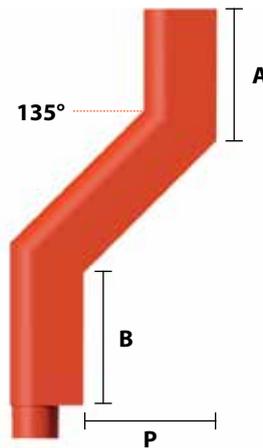
PIPE (mm)	BRANCH	A (mm)	B (mm)
75	RW2HS/11	235	70
100	RW3HS/11	260	80
75 x 50	RW32HS/11	235	70
100 x 75	RW43HS/11	260	80

When ordering branches please state left or right.
(Left hand shown)



PLINTH OFFSETS

PIPE (mm)	OFFSET	A (mm)	B (mm)	P (mm)
75	RW2HS/23	200	200	Please state size required
100	RW3HS/23	200	200	
75 x 50	RW32HS/23	200	200	
100 x 75	RW43HS/23	200	200	

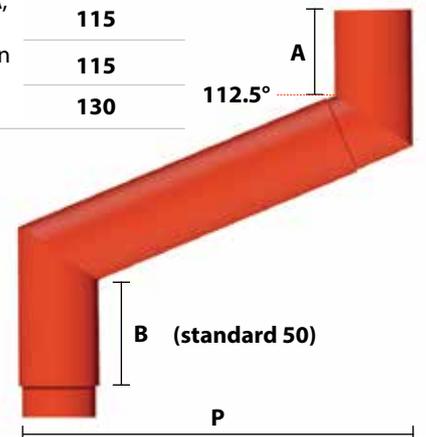


2 PIECE ADJUSTABLE SWAN NECKS

One-piece Swan Necks also available

PIPE (mm)	ONE PIECE STATE SIZE	MAXIMUM PROJECTION OF SWAN NECKS						OTHER	MINIMUM PROJECTION P	A (standard 125)
		300	450	600	900	1200				
75	RW2HS/25	RW2HS/26	RW2HS/27	RW2HS/28	RW2HS/29	RW2HS/30	Please Specify A, B & P, projection angle RW?/31	95	112.5°	
100	RW3HS/25	RW3HS/26	RW3HS/27	RW3HS/28	RW3HS/29	RW3HS/30		115		
75 x 50	RW32HS/25	RW32HS/26	RW32HS/27	RW32HS/28	RW32HS/29	RW32HS/30		115		
100 x 75	RW43HS/25	RW43HS/26	RW43HS/27	RW43HS/28	RW43HS/29	RW43HS/30		130		

Square swan necks can be used with rectangular pipes to give increased flow.
Typical Swan Neck Profiles:



GUTTERCREST



Fluted
RWH200



Fluted
RWH201

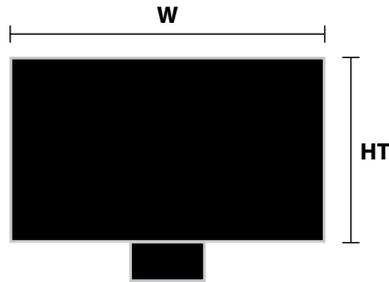


Fluted
RWH202

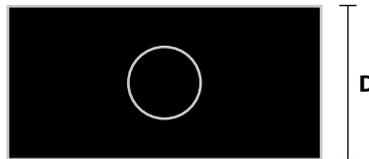
STOCK HOPPERS

Our Standard Hoppers in Die Cast Aluminium

CODE RWH	H/T	W (mm)	D (mm)	MAX Ø	MAX
200	195	265	205	75	n/a
201	230	295	230	100	75 x 75
202	300	430	325	200	150 x 150
203	205	265	225	100	100 x 100
207	185	270	180	150	150 x 150
208	275	600	275	200	150 x 150
209	190	400	180	150	150 x 150



Conical
RWH203



Rectangular
RWH207



Rectangular (Extended)
RWH208



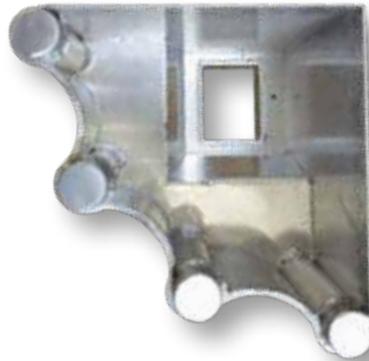
Ornate
RWH209 (also available without motif)

EMBELISED & FABRICATED HOPPERS

Certain hoppers are available with embellishments such as date numerals, letters & various other motifs.



Fabricated Hoppers can be manufactured to your specific requirements.



Ramshorn

FEATURE DOWNPIPE BRACKETS

A range of cast feature brackets which compliment our Georgian & Traditional Downpipes. Other designs can be made to order.



Fleur De Lys



Maltese Cross



Clover Leaf



Floral

DECORATIVE RAINWATER HOPPER HEADS IN CAST ALUMINIUM

CODE RWH	H/T	W (mm)	D (mm)	MAX Ø	MAX
210	480	460	210	100	75 x 75
211	460	435	200	75	75 x 75
212	390	450	190	100	n/a
213	390	450	190	100	75 x 75
214	145	420	145	100	100 x 75
215	260	300	170	75	100 x 75
216	400	385	240	100	150 x 100
217	375	445	175	75	75 x 75
218	320	490	285	100	100 x 75
219	380	380	260	75	100 x 75
220	350	360	165	75	75 x 75
221	460	440	270	75	100 x 75
222	380	480	215	100	100 x 100
223	130	310	165	100	100 x 75
224	330	310	165	100	100 x 100
225	330	450	265	100	75 x 75
226	190	495	270	150	150 x 150
227	350	385	170	100	150 x 100
228	335	425	165	125	150 x 100
229	425	390	230	125	100 x 100
230	290	430	260	100	75 x 75
231	560	290	205	100	100 x 100
232	645	315	200	100	150 x 100
233	260	345	165	75	75 x 75
234	235	220	170	75	75 x 75
235	305	350	215	100	75 x 75
236	290	270	200	75	100 x 75
237	380	445	180	100	100 x 100
238	480	900	230	100	100 x 100



RWH210



RWH211



RWH212



RWH217



RWH218



RWH219



RWH224



RWH225



RWH226



RWH232



RWH233



RWH234

GUTTERCREST

A range of cast Aluminium Hopper Heads.

Specials can be manufactured to replicate original or new designs.



RWH213



RWH214



RWH215



RWH216



RWH220



RWH221



RWH222



RWH223



RWH227



RWH228



RWH229



RWH230



RWH235



RWH236



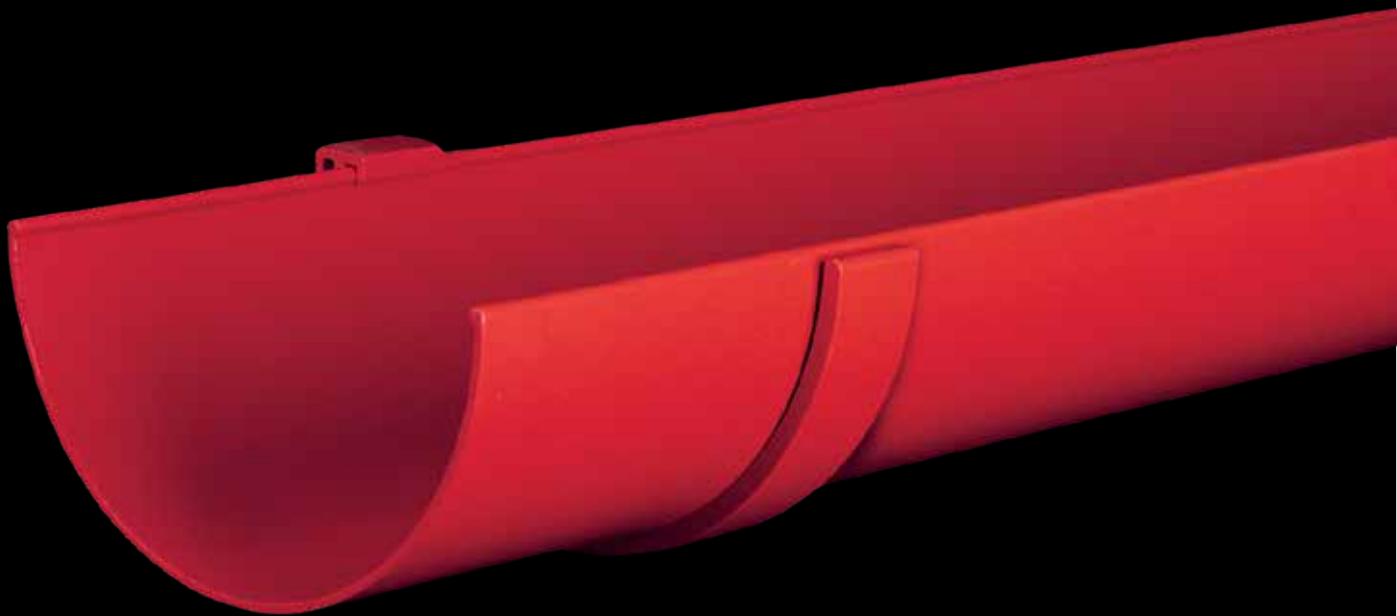
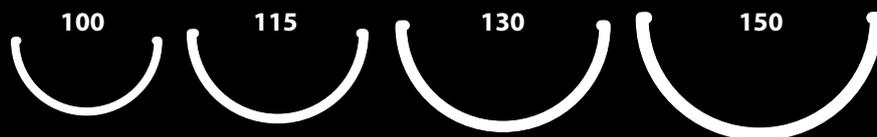
RWH237



RWH238

Half Round Gutter System

Extruded aluminium half round gutters.
Larger sizes can be manufactured in pressed aluminium.

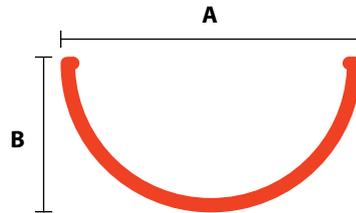


GUTTERCREST

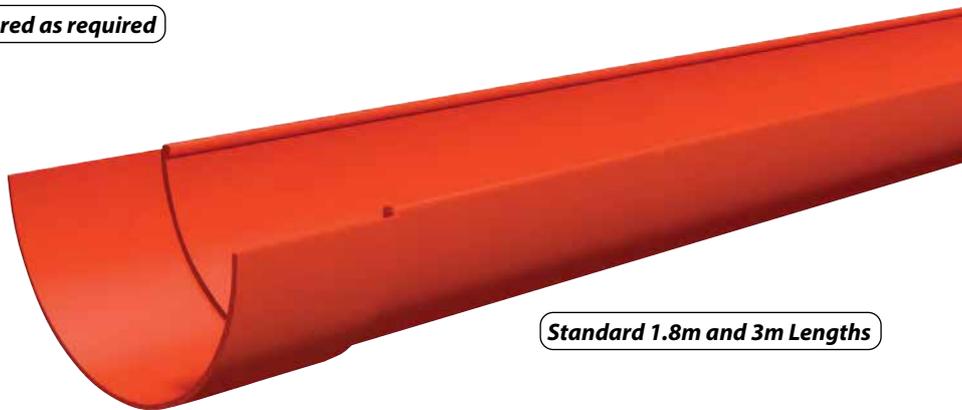
HALF ROUND GUTTERING SYSTEM

GUTTER LENGTHS

GUTTER (mm)	3m	1.8m	A (mm)	B (mm)	MATERIAL THICKNESS
100	HR1/1	HR1/2	100	50	2
115	HR2/1	HR2/2	115	57.5	2
130	HR3/1	HR3/2	130	65	2
150	HR4/1	HR4/2	150	75	2.5



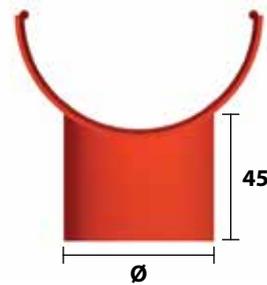
Other sizes manufactured as required



Standard 1.8m and 3m Lengths

OUTLETS

GUTTER (mm)	ROUND			
	63 Ø	75 Ø	100 Ø	125 Ø
100	HR1/13	HR1/14	-	-
115	HR2/13	HR2/14	HR2/15	-
130	HR3/13	HR3/14	HR3/15	-
150	HR4/13	HR4/14	HR4/15	HR4/16



GUTTER (mm)	SQUARE AND RECTANGULAR				
	75 x 50	75 x 75	100 x 75	100 x 100	150 x 100
100	HR1/18	HR1/19	HR1/20	-	-
115	HR2/18	HR2/19	HR2/20	HR2/21	HR2/22
130	HR3/18	HR3/19	HR3/20	HR3/21	HR3/22
150	HR4/18	HR4/19	HR4/20	HR4/21	HR4/2

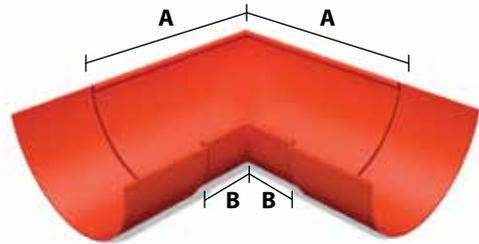


* 300 for outlets over 100

HALF ROUND GUTTERING SYSTEM

ANGLES

GUTTER (mm)	90°	A (mm)	B (mm)	135°	A (mm)	B (mm)	IRREGULAR ANGLE
100	HR1/3	130	30	HR1/5	70	30	HR1/7
115	HR2/3	150	30	HR2/5	75	30	HR2/7
130	HR3/3	160	30	HR3/5	85	30	HR3/7
150	HR4/3	180	30	HR4/5	90	30	HR4/7



When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

STOPENDS

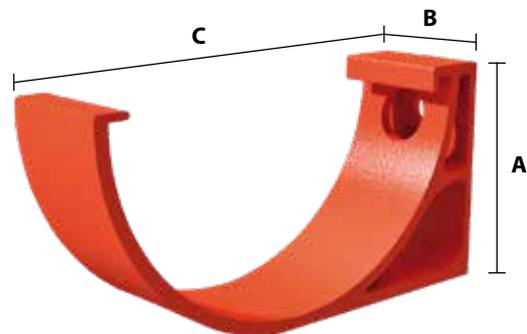
GUTTER (mm)	STOPEND
100	HR1/9
115	HR2/9
130	HR3/9
150	HR4/9



External Stop End

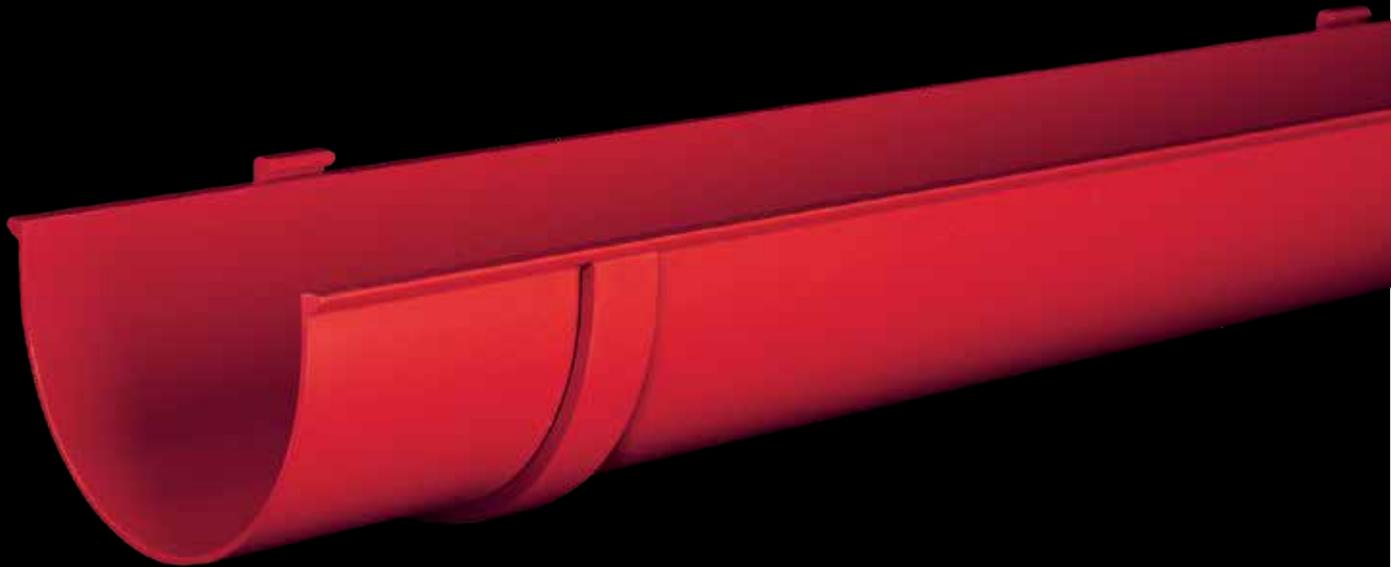
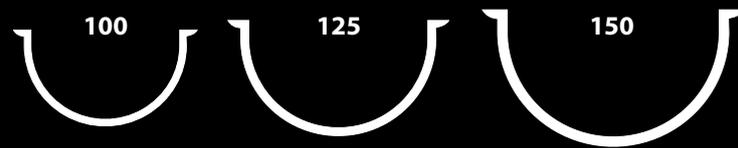
FASCIA BRACKETS

GUTTER (mm)	3m	A (mm)	B (mm)	C (mm)
100	HR1/28	57	30	114
115	HR2/28	65	30	130
130	HR3/28	73	30	145
150	HR4/28	83	30	166



Beaded Deep Flow Gutter System

Extruded aluminium Beaded Deep Flow gutters.

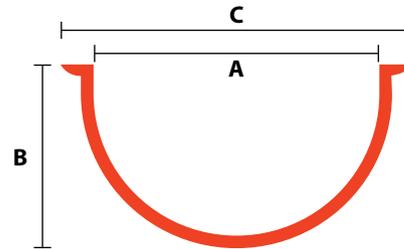


GUTTERCREST

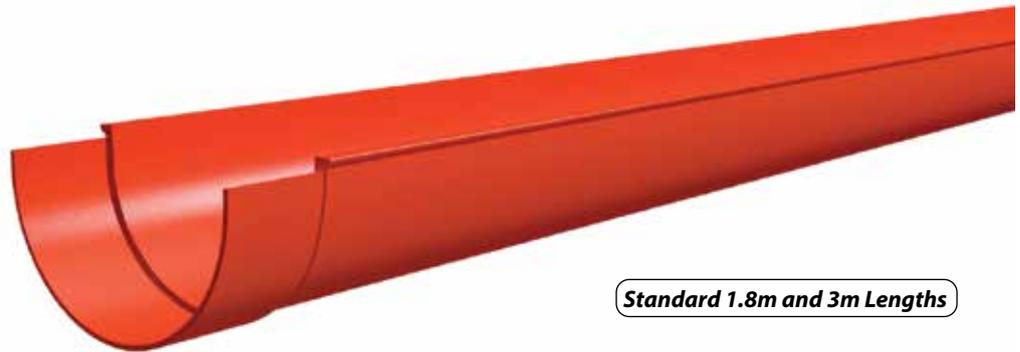
BEADED DEEP FLOW GUTTERING SYSTEM

GUTTER LENGTHS

GUTTER (mm)	3m	1.8m	A (mm)	B (mm)	C (mm)	MATERIAL THICKNESS
100	BDF1/1	BDF1/2	100	60	114	2
125	BDF2/1	BDF2/2	125	75	140	2.5
150	BDF3/1	BDF3/2	150	90	171	2.75



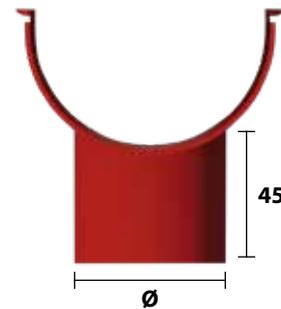
Other sizes manufactured as required



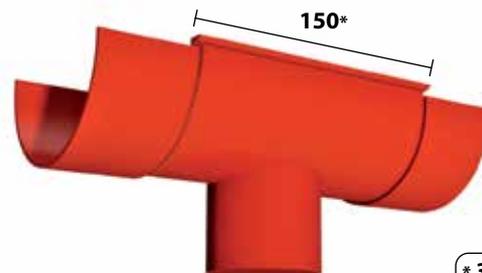
Standard 1.8m and 3m Lengths

OUTLETS

GUTTER (mm)	ROUND			
	63 Ø	75 Ø	100 Ø	125 Ø
100	BDF1/13	BDF1/14	-	-
125	BDF2/13	BDF2/14	BDF2/15	-
150	BDF3/13	BDF3/14	BDF3/15	BDF3/16



GUTTER (mm)	SQUARE AND RECTANGULAR				
	75 x 50	75 x 75	100 x 75	100 x 100	150 x 100
100	BDF1/18	BDF1/19	BDF1/20	-	-
125	BDF2/18	BDF2/19	BDF2/20	BDF2/21	BDF2/22
150	BDF3/18	BDF3/19	BDF3/20	BDF3/21	BDF3/22



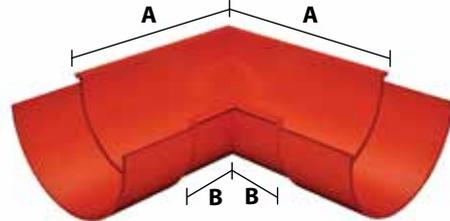
* 300 for outlets over 100

GUTTERCREST

BEADED DEEP FLOW GUTTERING SYSTEM

ANGLES

GUTTER (mm)	90°	A (mm)	B (mm)	135°	A (mm)	B (mm)	IRREGULAR ANGLE
100	BDF1/3	145	30	BDF1/5	75	30	BDF1/7
125	BDF2/3	155	30	BDF2/5	85	30	BDF2/7
150	BDF3/3	200	30	BDF3/5	95	30	BDF3/7



When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

STOPENDS

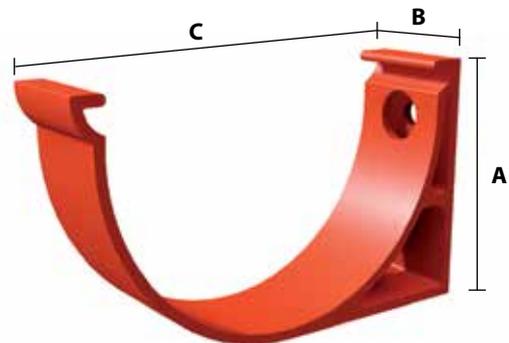
GUTTER (mm)	STOPEND
100	BDF1/9
125	BDF2/9
150	BDF3/9



External Stop End

FASCIA BRACKETS

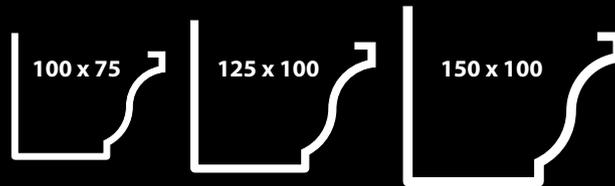
GUTTER (mm)	3m	A (mm)	B (mm)	C (mm)
100	BDF1/28	70	30	118
125	BDF2/28	87	30	144
150	BDF3/28	105	30	177



Moulded Ogee Gutter System

(Type 46) Small Sizes

Extruded aluminium Moulded Ogee gutters with buttstraps and holes for direct back fixing.

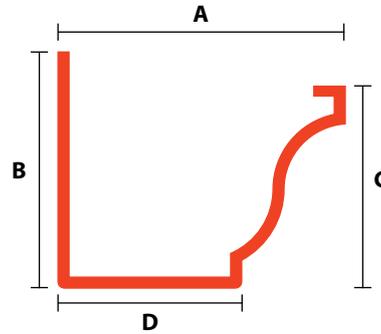


GUTTERCREST

MOULDED OGEE GUTTERING SYSTEM *(small sizes)*

GUTTER LENGTHS

GUTTER (mm)	3m	1.8m	A (mm)	B (mm)	C (mm)	D (mm)	MATERIAL THICKNESS
100 x 75	MOG1/1	MOG1/2	100	80	75	67	2.25
125 x 100	MOG2/1	MOG2/2	125	105	100	84	2.5
150 x 100	MOG3/1	MOG3/2	150	110	100	100	3

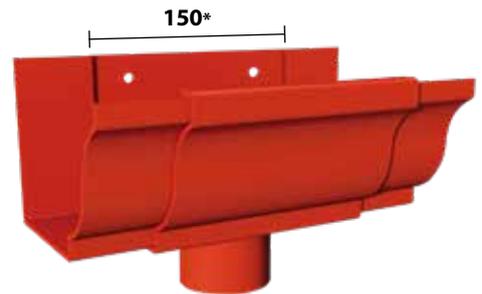


Wider or deeper gutters manufactured to size required



OUTLETS

GUTTER (mm)	ROUND				
	63 Ø	75 Ø	100 Ø	125 Ø	150 Ø
100 x 75	MOG1/13	MOG1/14	-	-	-
125 x 100	MOG2/13*	MOG2/14	MOG2/15	-	-
150 x 100	MOG3/13*	MOG3/14*	MOG3/15	MOG3/16	-

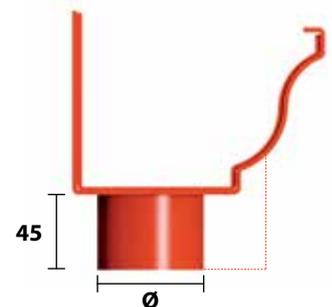


** 200 for outlets over 100*

GUTTER (mm)	SQUARE AND RECTANGULAR					
	75 x 50	75 x 75	100 x 75	100 x 100	150 x 100	150 x 150
100 x 75	MOG1/18	MOG1/19	MOG1/20	-	-	-
125 x 100	MOG2/18*	MOG2/19	MOG2/20	MOG2/21	MOG2/22	-
150 x 100	MOG3/18*	MOG3/19*	MOG3/20*	MOG3/21	MOG3/22	-



Sleeve Outlet



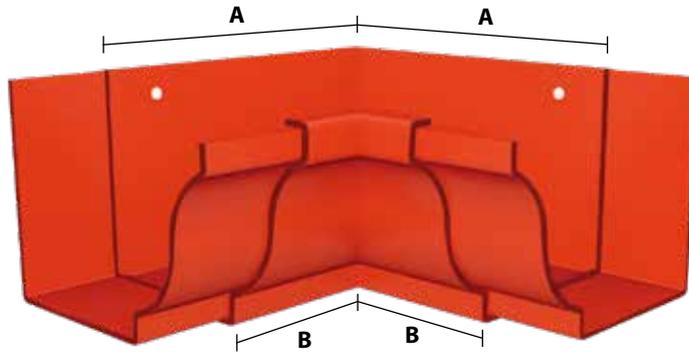
** Indicates a sleeve outlet can be used in place of running outlets giving increased flexibility and cost efficiency.*

MOULDED OGEE GUTTERING SYSTEM *(small sizes)*

ANGLES

90° EXTERNAL				90° INTERNAL			135° EXTERNAL			135° INTERNAL		
GUTTER (mm)	90°	A (mm)	B (mm)	90°	A (mm)	B (mm)	135°	A (mm)	B (mm)	135°	A (mm)	B (mm)
100 x 75	MOG1/3	30	130	MOG1/4	130	30	MOG1/5	30	70	MOG1/6	70	30
125 x 100	MOG2/3	30	155	MOG2/4	155	30	MOG2/5	30	80	MOG2/6	80	30
150 x 100	MOG3/3	30	180	MOG3/4	180	30	MOG3/5	30	90	MOG3/6	90	30

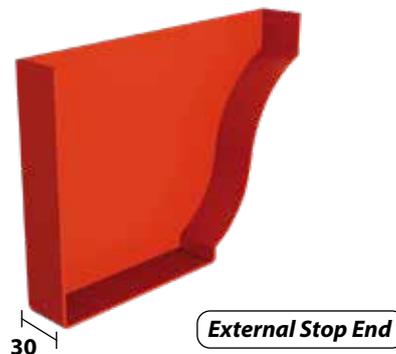
IRREGULAR ANGLE		
GUTTER (mm)	EXTERNAL	INTERNAL
100 x 75	MOG1/7	MOG1/8
125 x 100	MOG2/7	MOG2/8
150 x 100	MOG3/7	MOG3/8



When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

STOPENDS

GUTTER (mm)	R/H STOPEND	L/H STOPEND
100 x 75	MOG1/10	MOG1/11
125 x 100	MOG2/10	MOG2/11
150 x 100	MOG3/10	MOG3/11

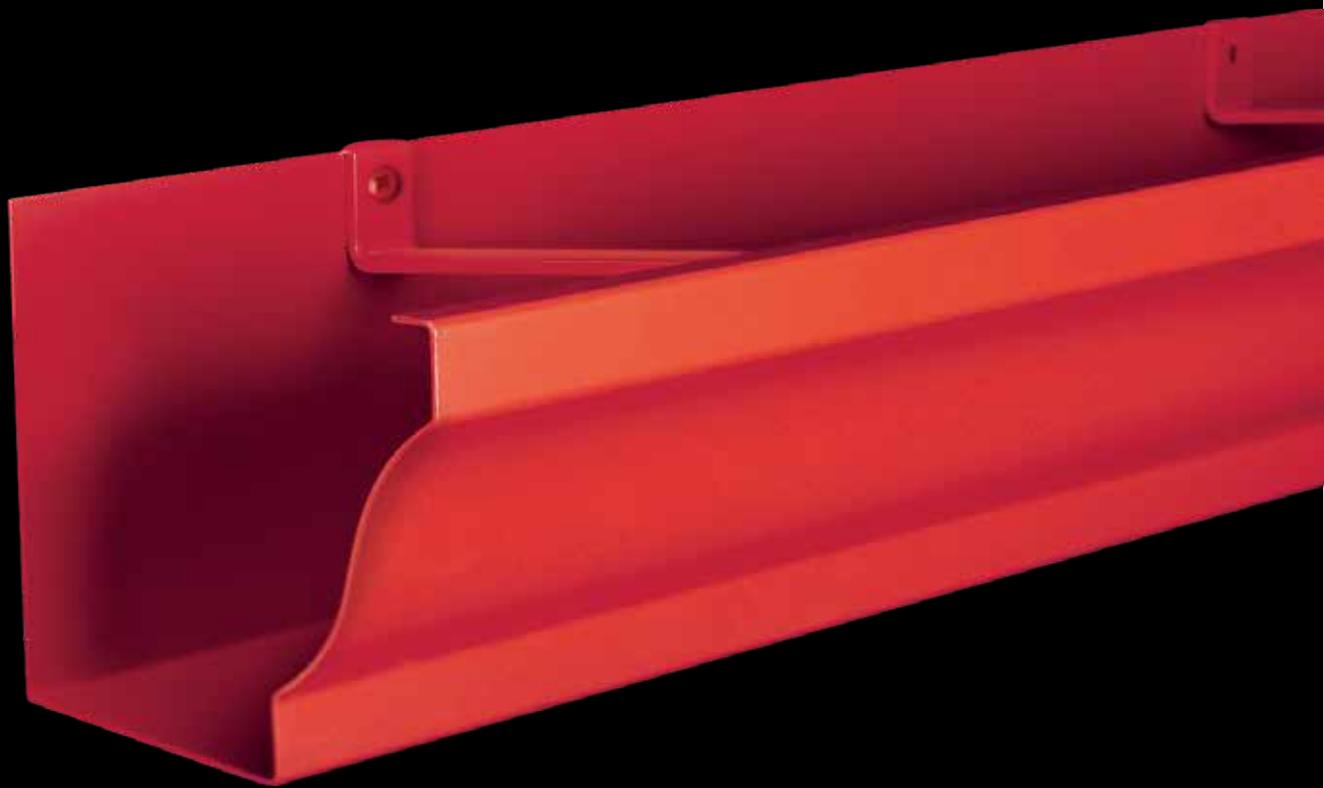
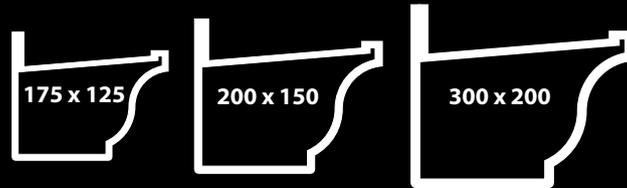


External Stop End

Moulded Ogee Gutter System

(Type 46) Large Sizes

Pressed aluminium Moulded Ogee gutters formed with true curves to front face. These can be made to standard or non-standard sizes, the gutters have fixed internal buttstraps and fixed cross braces which include holes for direct back fixing.

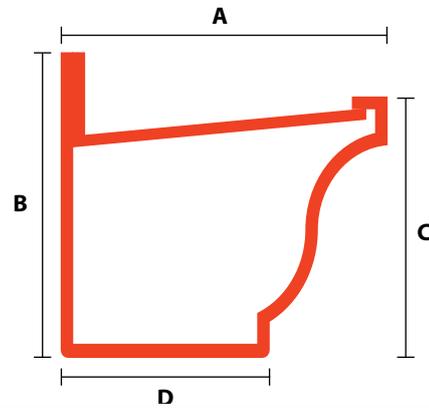


MOULDED OGEE GUTTERING SYSTEM *(large sizes)*

GUTTER LENGTHS

GUTTER (mm)	3m	1.5m	A (mm)	B (mm)	C (mm)	D (mm)	MATERIAL THICKNESS
175 x 125	MOG4/1	MOG4/2	175	135	125	115	2
200 x 150	MOG5/1	MOG5/2	200	160	150	135	2
300 x 200	MOG6/1	MOG6/2	300	220	200	200	2

Wider or deeper gutters manufactured to size required

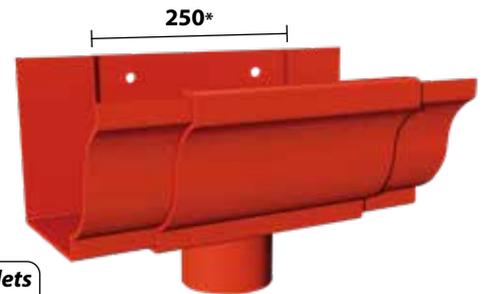


OUTLETS

ROUND

GUTTER (mm)	63 Ø	75 Ø	100 Ø	125 Ø	150 Ø
175 x 125	MOG4/13*	MOG4/14*	MOG4/15*	MOG4/16	MOG4/17
200 x 150	MOG5/13*	MOG5/14*	MOG5/15*	MOG5/16*	MOG5/17
300 x 200	MOG6/13*	MOG6/14*	MOG6/15*	MOG6/16*	MOG6/17*

** 300 for outlets over 100*



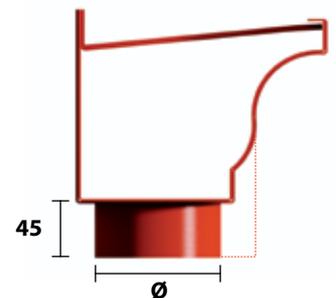
SQUARE AND RECTANGULAR

GUTTER (mm)	75 x 50	75 x 75	100 x 75	100 x 100	150 x 100	150 x 150
175 x 125	MOG4/18*	MOG4/19*	MOG4/20*	MOG4/21*	MOG4/22	MOG4/23
200 x 150	MOG5/18*	MOG5/19*	MOG5/20*	MOG5/21*	MOG5/22*	MOG5/23
300 x 200	MOG6/18*	MOG6/19*	MOG6/20*	MOG6/21*	MOG6/22*	MOG6/23*

** Indicates a sleeve outlet can be used in place of running outlets giving increased flexibility and cost efficiency.*



Sleeve Outlet

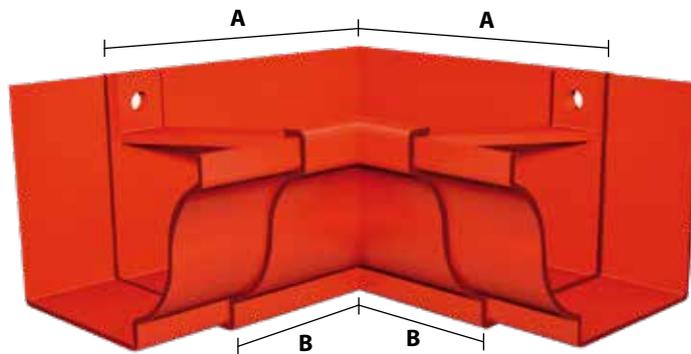


MOULDED OGEE GUTTERING SYSTEM *(large sizes)*

ANGLES

90° EXTERNAL				90° INTERNAL			135° EXTERNAL			135° INTERNAL		
GUTTER (mm)	90°	A (mm)	B (mm)	90°	A (mm)	B (mm)	135°	A (mm)	B (mm)	135°	A (mm)	B (mm)
175 x 125	MOG4/3	150	325	MOG4/4	325	150	MOG4/5	150	220	MOG4/6	220	150
200 x 150	MOG5/3	150	350	MOG5/4	350	150	MOG5/5	150	230	MOG5/6	230	150
300 x 200	MOG6/3	150	450	MOG6/4	450	150	MOG6/5	150	265	MOG6/6	265	150

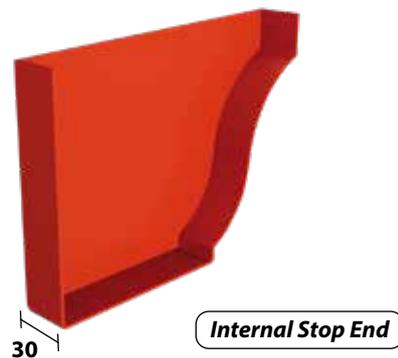
IRREGULAR ANGLE		
GUTTER (mm)	EXTERNAL	INTERNAL
175 x 125	MOG4/7	MOG4/8
200 x 150	MOG5/7	MOG5/8
300 x 200	MOG6/7	MOG6/8



When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

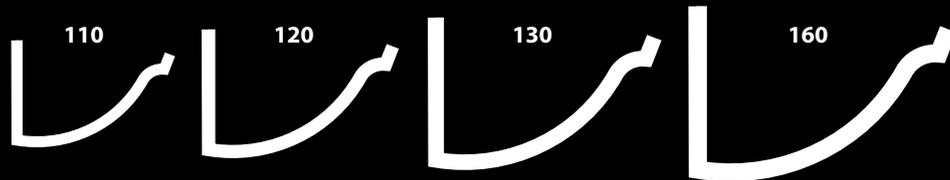
STOPENDS

GUTTER (mm)	R/H STOPEND	L/H STOPEND
175 x 125	MOG4/10	MOG4/11
200 x 150	MOG5/10	MOG5/11
300 x 200	MOG6/10	MOG6/11



Victorian Ogee Gutter System

A range of aluminium Victorian Ogee gutters. These can be non standard sizes, the gutters have external collars and holes for direct back fixing.

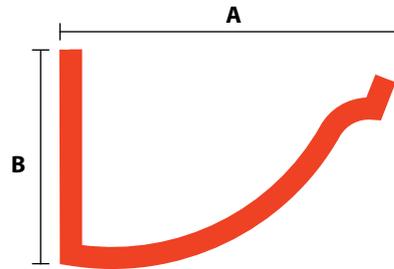


GUTTERCREST

VICTORIAN OGEE GUTTERING SYSTEM

GUTTER LENGTHS

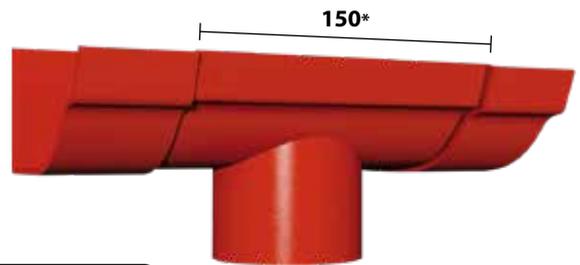
GUTTER (mm)	3m	1.8m	A (mm)	B (mm)	MATERIAL THICKNESS
110	VOG1/1	VOG1/2	108	54	2.5
120	VOG2/1	VOG2/2	121	60	2.5
130	VOG3/1	VOG3/2	133	68	2.5
160	VOG4/1	VOG4/2	160	82	2.5



Standard 1.8m and 3m Lengths

OUTLETS

GUTTER (mm)	ROUND				
	63 Ø	75 Ø	100 Ø	125 Ø	150 Ø
110	VOG1/13	VOG1/14	-	-	-
120	VOG2/13	VOG2/14	-	-	-
130	VOG3/13	VOG3/14	VOG3/15	-	-
160	VOG4/13	VOG4/14	VOG4/15	VOG4/16	-

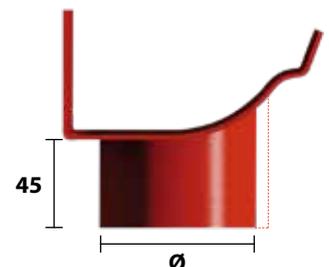


* 200 for outlets over 100

GUTTER (mm)	SQUARE AND RECTANGULAR					
	75 x 50	75 x 75	100 x 75	100 x 100	150 x 100	150 x 100
110	VOG1/18	VOG1/19	VOG1/20	-	-	-
120	VOG2/18	VOG2/19	VOG2/20	-	-	-
130	VOG3/18	VOG3/19	VOG3/20	VOG3/21	VOG3/22	-
160	VOG4/18	VOG4/19	VOG4/20	VOG4/21	VOG4/22	-



Sleeve Outlet

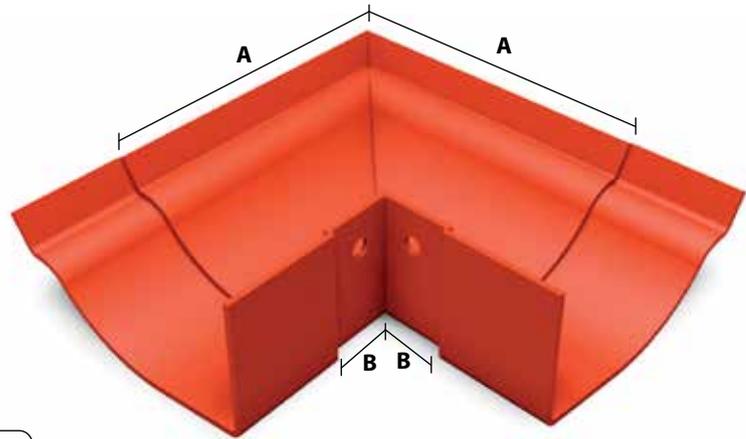


VICTORIAN OGEE GUTTERING SYSTEM

ANGLES

GUTTER (mm)	90° EXTERNAL			90° INTERNAL			135° EXTERNAL			135° INTERNAL		
	90°	A (mm)	B (mm)	90°	A (mm)	B (mm)	135°	A (mm)	B (mm)	135°	A (mm)	B (mm)
110	VOG1/3	30	140	VOG1/4	140	30	VOG1/5	30	75	VOG1/6	75	30
120	VOG2/3	30	150	VOG2/4	150	30	VOG2/5	30	80	VOG2/6	80	30
130	VOG3/3	30	165	VOG3/4	165	30	VOG3/5	30	85	VOG3/6	85	30
160	VOG4/3	30	190	VOG4/4	190	30	VOG4/5	30	95	VOG4/6	95	30

GUTTER (mm)	IRREGULAR ANGLE	
	EXTERNAL	INTERNAL
110	VOG1/7	VOG1/8
120	VOG2/7	VOG2/8
130	VOG3/7	VOG3/8
160	VOG4/7	VOG4/8



External Angle Shown

When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

STOPENDS

GUTTER (mm)	R/H STOPEND	L/H STOPEND
110	VOG1/10	VOG1/11
120	VOG2/10	VOG2/11
130	VOG3/10	VOG3/11
160	VOG4/10	VOG4/11

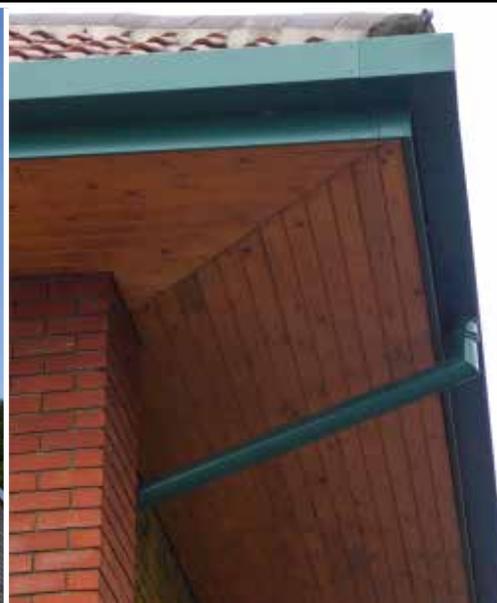
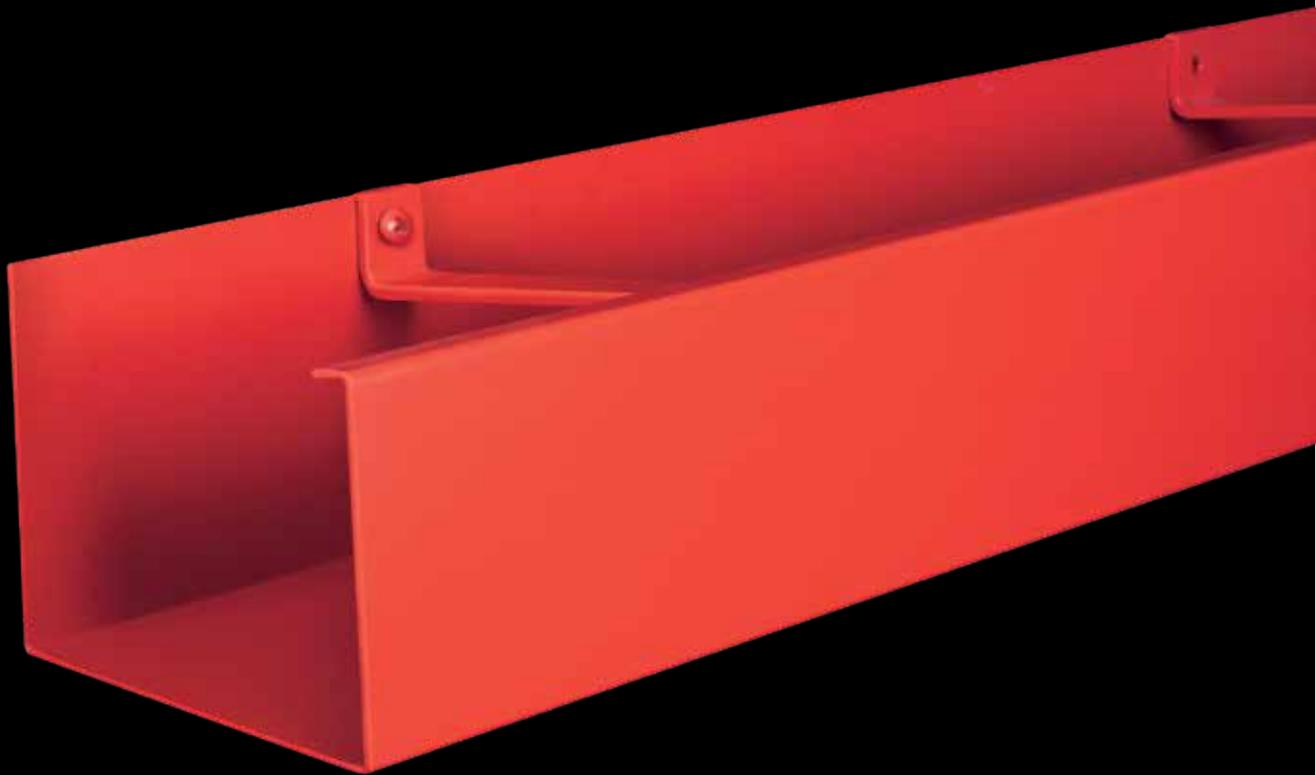


External Stop End

Box Gutter System

A wide range of standard sized pressed aluminium box gutters with fixed internal buttstraps and fixed internal cross braces, including holes for back fixing. Other sizes as required or with feature ribs etc, can be made to suit individual requirements.

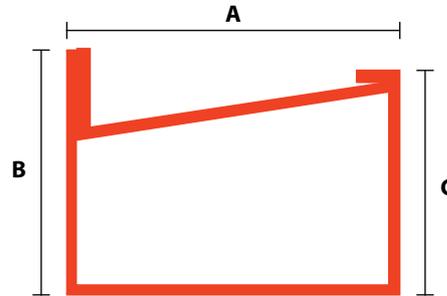
Wide Range of sizes available



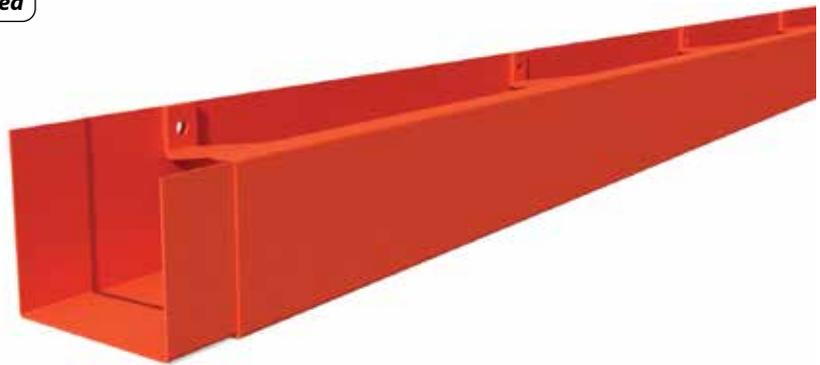
BOX GUTTERING SYSTEM

GUTTER LENGTHS

GUTTER (mm)	3m	1.5m	A (mm)	B (mm)	C (mm)	MATERIAL THICKNESS
100 x 75	BX1/1	BX1/2	100	85	75	2
100 x 100	BX2/1	BX2/2	100	110	100	2
125 x 100	BX3/1	BX3/2	125	110	100	2
150 x 100	BX4/1	BX4/2	150	110	100	2



Wider or deeper gutters manufactured to size required

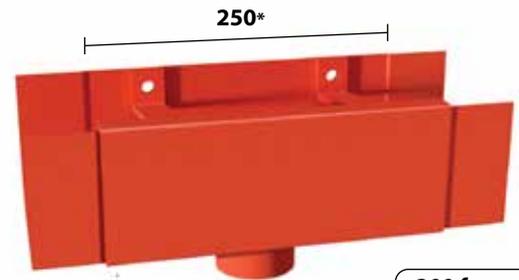


OUTLETS

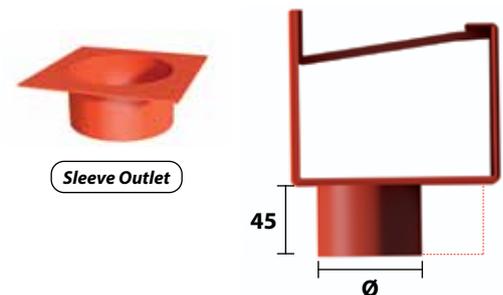
GUTTER (mm)	ROUND				
	63 Ø	75 Ø	100 Ø	125 Ø	150 Ø
100 x 75	BX1/13*	BX1/14*	-	-	-
100 x 100	BX2/13*	BX2/14*	-	-	-
125 x 100	BX3/13*	BX3/14*	BX3/15*	-	-
150 x 100	BX4/13*	BX4/14*	BX4/15*	BX4/16*	-

GUTTER (mm)	SQUARE AND RECTANGULAR					
	75 x 50	75 x 75	100 x 75	100 x 100	150 x 100	150 x 150
100 x 75	BX1/18*	BX1/19*	BX1/20*	-	-	-
100 x 100	BX2/18*	BX2/19*	BX2/20*	-	-	-
125 x 100	BX3/18*	BX3/19*	BX3/20*	BX3/21*	BX3/22*	-
150 x 100	BX4/18*	BX4/19*	BX4/20*	BX4/21*	BX4/22*	-

** Indicates a sleeve outlet can be used in place of running outlets giving increased flexibility and cost efficiency.*



** 300 for outlets over 100*



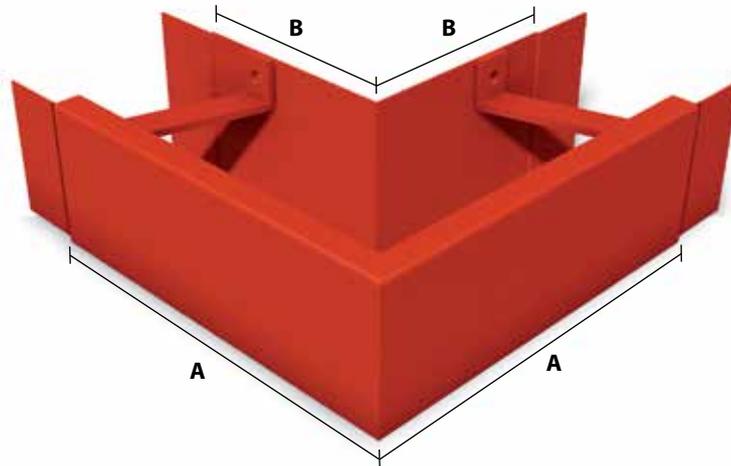
Sleeve Outlet

BOX GUTTERING SYSTEM

ANGLES

90° EXTERNAL				90° INTERNAL			135° EXTERNAL			135° INTERNAL		
GUTTER (mm)	90°	A (mm)	B (mm)	90°	A (mm)	B (mm)	135°	A (mm)	B (mm)	135°	A (mm)	B (mm)
100 x 75	BX1/3	150	250	BX1/4	250	150	BX1/5	150	190	BX1/6	190	150
100 x 100	BX2/3	150	250	BX2/4	250	150	BX2/5	150	190	BX2/6	190	150
125 x 100	BX3/3	150	275	BX3/4	275	150	BX3/5	150	200	BX3/6	200	150
150 x 100	BX4/3	150	300	BX4/4	300	150	BX4/5	150	210	BX4/6	210	150

IRREGULAR ANGLE		
GUTTER (mm)	EXTERNAL	INTERNAL
100 x 75	BX1/7	BX1/8
100 x 100	BX2/7	BX2/8
125 x 100	BX3/7	BX3/8
150 x 100	BX4/7	BX4/8



External Angle Shown

When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

STOPENDS

GUTTER (mm)	R/H STOPEND	L/H STOPEND
100 x 75	BX1/10	BX1/11
100 x 100	BX2/10	BX2/11
125 x 100	BX3/10	BX3/11
150 x 100	BX4/10	BX4/11

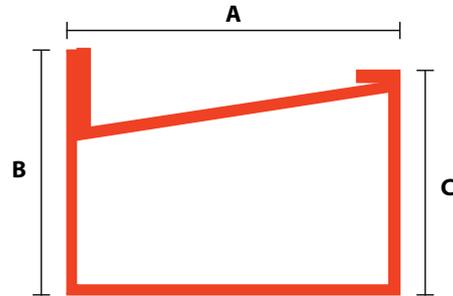
Internal Stop End



BOX GUTTERING SYSTEM (*larger sizes*)

GUTTER LENGTHS

GUTTER (mm)	3m	1.5m	A (mm)	B (mm)	C (mm)	MATERIAL THICKNESS
150 x 150	BX5/1	BX5/2	150	160	150	2
200 x 150	BX6/1	BX6/2	200	160	150	2
200 x 200	BX7/1	BX7/2	200	210	200	2
300 x 200	BX8/1	BX8/2	300	220	200	2



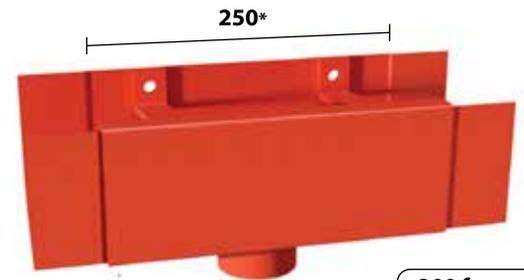
Wider or deeper gutters manufactured to size required



OUTLETS

ROUND

GUTTER (mm)	63 Ø	75 Ø	100 Ø	125 Ø	150 Ø
150 x 150	BX5/13*	BX5/14*	BX5/15*	BX5/16*	-
200 x 150	BX6/13*	BX6/14*	BX6/15*	BX6/16*	BX6/17*
200 x 200	BX7/13*	BX7/14*	BX7/15*	BX7/16*	BX7/17*
300 x 200	BX8/13*	BX8/14*	BX8/15*	BX8/16*	BX8/17*



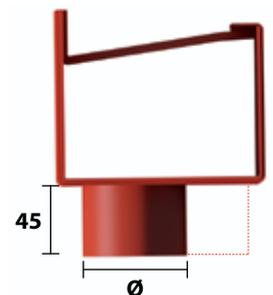
** 300 for outlets over 100*

SQUARE AND RECTANGULAR

GUTTER (mm)	75 x 50	75 x 75	100 x 75	100 x 100	150 x 100	150 x 150
100 x 75	BX5/18*	BX5/19*	BX5/20*	BX5/21*	BX5/22*	-
100 x 100	BX6/18*	BX6/19*	BX6/20*	BX6/21*	BX6/22*	BX6/23*
125 x 100	BX7/18*	BX7/19*	BX7/20*	BX7/21*	BX7/22*	BX7/23*
150 x 100	BX8/18*	BX8/19*	BX8/20*	BX8/21*	BX8/22*	BX8/23*



Sleeve Outlet



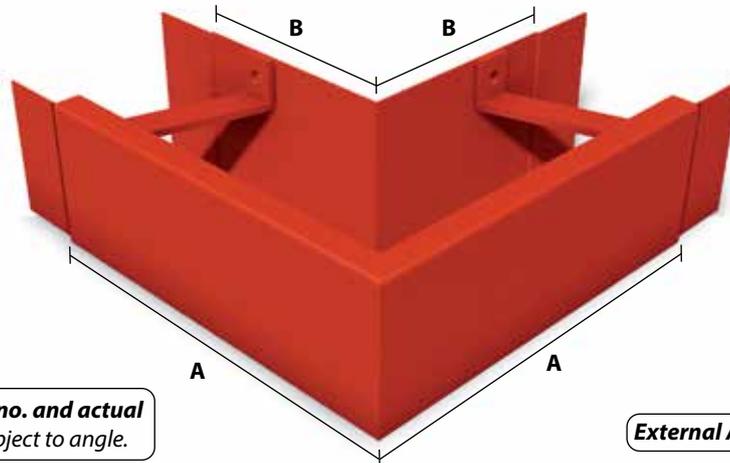
** Indicates a sleeve outlet can be used in place of running outlets giving increased flexibility and cost efficiency.*

BOX GUTTERING SYSTEM *(larger sizes)*

ANGLES

90° EXTERNAL				90° INTERNAL			135° EXTERNAL			135° INTERNAL		
GUTTER (mm)	90°	A (mm)	B (mm)	90°	A (mm)	B (mm)	135°	A (mm)	B (mm)	135°	A (mm)	B (mm)
150 x 150	BX5/3	150	300	BX5/4	300	150	BX5/5	150	210	BX5/6	210	150
200 x 150	BX6/3	150	350	BX6/4	350	150	BX6/5	150	230	BX6/6	230	150
200 x 200	BX7/3	150	350	BX7/4	350	150	BX7/5	150	230	BX7/6	230	150
300 x 200	BX8/3	150	450	BX8/4	450	150	BX8/5	150	270	BX8/6	270	150

IRREGULAR ANGLE		
GUTTER (mm)	EXTERNAL	INTERNAL
150 x 150	BX5/7	BX5/8
200 x 150	BX6/7	BX6/8
200 x 200	BX7/7	BX7/8
300 x 200	BX8/7	BX8/8



When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

External Angle Shown

STOPENDS

GUTTER (mm)	R/H STOPEND	L/H STOPEND
150 x 150	BX5/10	BX5/11
200 x 150	BX6/10	BX6/11
200 x 200	BX7/10	BX7/11
300 x 200	BX8/10	BX8/11

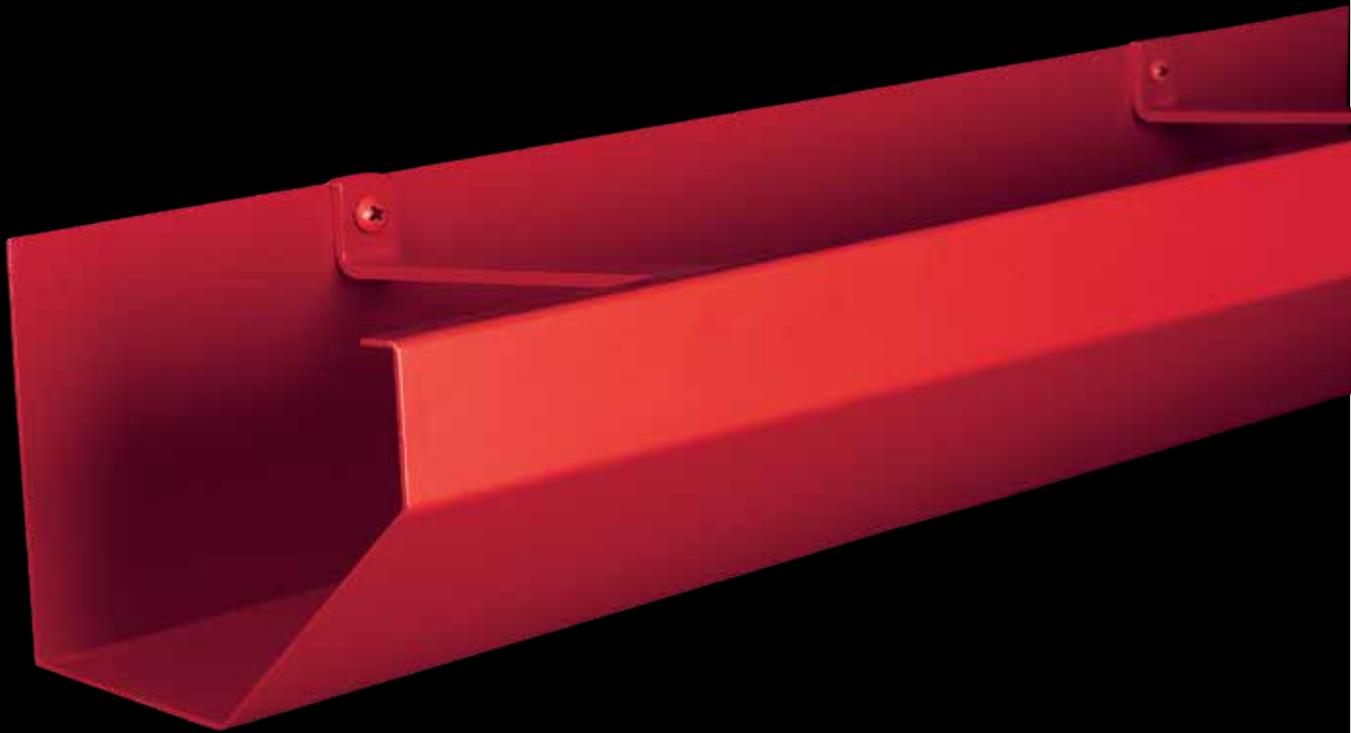
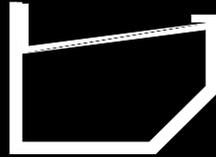
Internal Stop End



Shaped Box Gutter System

An alternative to box gutters, We have suggested sizes but can be manufactured as required.

Wide Range of sizes available

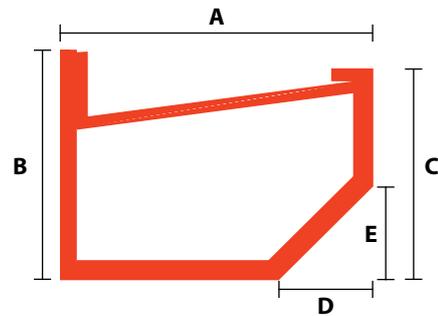


GUTTERCREST

SHAPED BOX GUTTERING SYSTEM

GUTTER LENGTHS

GUTTER (mm)	3m	1.5m	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	MATERIAL THICKNESS
100 x 75	SBX1/1	SBX1/2	100	85	75	30	30	2
100 x 100	SBX2/1	SBX2/2	100	110	100	40	40	2
125 x 100	SBX3/1	SBX3/2	125	110	100	40	40	2
150 x 100	SBX4/1	SBX4/2	150	110	100	40	40	2
150 x 150	SBX5/1	SBX5/2	150	160	150	60	60	2
200 x 150	SBX6/1	SBX6/2	200	160	150	60	60	2
200 x 200	SBX7/1	SBX7/2	200	210	200	80	80	2
300 x 200	SBX8/1	SBX8/2	300	210	200	80	80	2



Wider or deeper gutters manufactured to size required

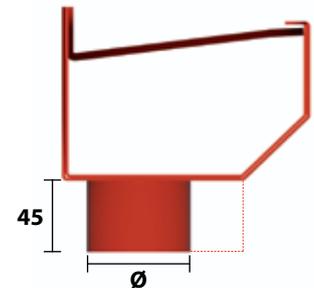
OUTLETS

GUTTER (mm)	ROUND				
	63 Ø	75 Ø	100 Ø	125 Ø	150 Ø
100 x 75	SBX1/13	SBX1/14	-	-	-
100 x 100	SBX2/13	SBX2/14	-	-	-
125 x 100	SBX3/13*	SBX3/14	SBX3/15	-	-
150 x 100	SBX4/13*	SBX4/14*	SBX4/15	SBX4/16	-
150 x 150	SBX5/13*	SBX5/14*	SBX5/15	SBX5/16	-
200 x 150	SBX6/13*	SBX6/14*	SBX6/15*	SBX6/16	SBX6/17
200 x 200	SBX7/13*	SBX7/14*	SBX7/15*	SBX7/16	SBX7/17
300 x 200	SBX8/13*	SBX8/14*	SBX8/15*	SBX8/16*	SBX8/17*



Sleeve Outlet

GUTTER (mm)	SQUARE AND RECTANGULAR					
	75 x 50	75 x 75	100 x 75	100 x 100	150 x 100	150 x 150
100 x 75	SBX1/18	SBX1/19	SBX1/20	-	-	-
100 x 100	SBX2/18	SBX2/19	SBX2/20	-	-	-
125 x 100	SBX3/18*	SBX3/19	SBX3/20	SBX3/21	SBX3/22	-
150 x 100	SBX4/18*	SBX4/19*	SBX4/20*	SBX4/21	SBX4/22	-
150 x 150	SBX5/18*	SBX5/19*	SBX5/20*	SBX5/21	SBX5/22	-
200 x 150	SBX6/18*	SBX6/19*	SBX6/20*	SBX6/21	SBX6/22	SBX6/23
200 x 200	SBX7/18*	SBX7/19*	SBX7/20*	SBX7/21	SBX7/22	SBX7/23
300 x 200	SBX8/18*	SBX8/19*	SBX8/20*	SBX8/21*	SBX8/22*	SBX8/23*



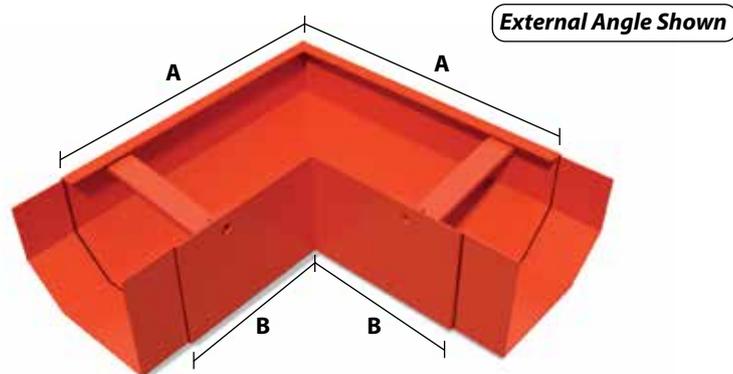
** Indicates a sleeve outlet can be used in place of running outlets giving increased flexibility and cost efficiency.*

SHAPED BOX GUTTERING SYSTEM

ANGLES

GUTTER (mm)	90° EXTERNAL			90° INTERNAL			135° EXTERNAL			135° INTERNAL		
	90°	A (mm)	B (mm)	90°	A (mm)	B (mm)	135°	A (mm)	B (mm)	135°	A (mm)	B (mm)
100 x 75	SBX1/3	250	150	SBX1/4	150	250	SBX1/5	190	150	SBX1/6	150	190
100 x 100	SBX2/3	250	150	SBX2/4	150	250	SBX2/5	190	150	SBX2/6	150	190
125 x 100	SBX3/3	275	150	SBX3/4	150	275	SBX3/5	200	150	SBX3/6	150	200
150 x 100	SBX4/3	300	150	SBX4/4	150	300	SBX4/5	210	150	SBX4/6	150	210
150 x 150	SBX5/3	300	150	SBX5/4	150	300	SBX5/5	210	150	SBX5/6	150	210
200 x 150	SBX6/3	350	150	SBX6/4	150	350	SBX6/5	230	150	SBX6/6	150	230
200 x 200	SBX7/3	350	150	SBX7/4	150	350	SBX7/5	230	150	SBX7/6	150	230
300 x 200	SBX8/3	450	150	SBX8/4	150	450	SBX8/5	270	150	SBX8/6	150	270

IRREGULAR ANGLE		
GUTTER (mm)	EXTERNAL	INTERNAL
100 x 75	SBX1/7	SBX1/8
100 x 100	SBX2/7	SBX2/8
125 x 100	SBX3/7	SBX3/8
150 x 100	SBX4/7	SBX4/8
150 x 150	SBX5/7	SBX5/8
200 x 150	SBX6/7	SBX6/8
200 x 200	SBX7/7	SBX7/8
300 x 200	SBX8/7	SBX8/8



When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

STOPENDS

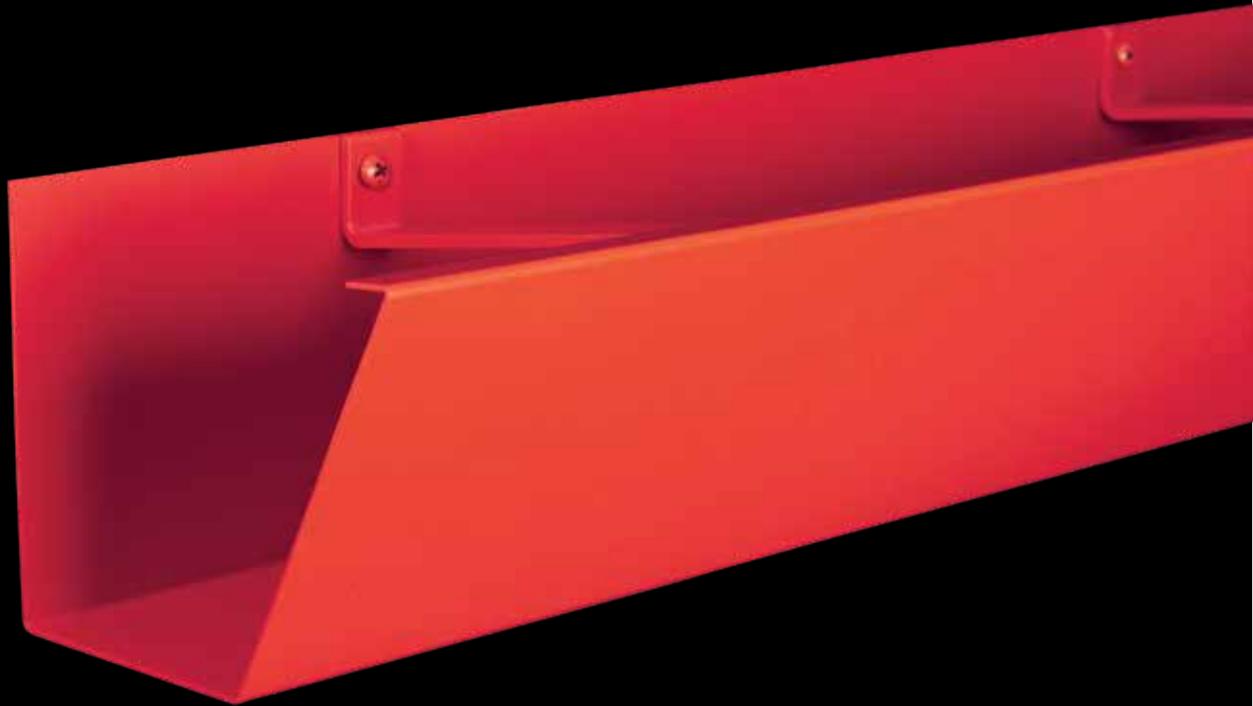
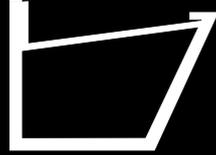
GUTTER (mm)	R/H STOPEND	L/H STOPEND
100 x 75	SBX1/10	SBX1/11
100 x 100	SBX2/10	SBX2/11
125 x 100	SBX3/10	SBX3/11
150 x 100	SBX4/10	SBX4/11
150 x 150	SBX5/10	SBX5/11
200 x 150	SBX6/10	SBX6/11
200 x 200	SBX7/10	SBX7/11
300 x 200	SBX8/10	SBX8/11



Raked Box Gutter System

An alternative to box gutters, the raked face gives a striking impression to the eaves of the building. We have suggested sizes but can be manufactured as required.

Wide Range of sizes available

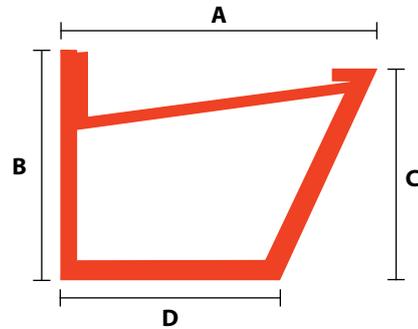


RAKED BOX GUTTERING SYSTEM

GUTTER LENGTHS

GUTTER (mm)	3m	1.5m	A (mm)	B (mm)	C (mm)	D (mm)	MATERIAL THICKNESS
100 x 75	RBX1/1	RBX1/2	100	85	75	60	2
100 x 100	RBX2/1	RBX2/2	100	110	100	60	2
125 x 100	RBX3/1	RBX3/2	125	110	100	75	2
150 x 100	RBX4/1	RBX4/2	150	110	100	90	2
150 x 150	RBX5/1	RBX5/2	150	160	150	90	2
200 x 150	RBX6/1	RBX6/2	200	160	150	120	2
200 x 200	RBX7/1	RBX7/2	200	210	200	120	2
300 x 200	RBX8/1	SBX8/2	300	210	200	180	2

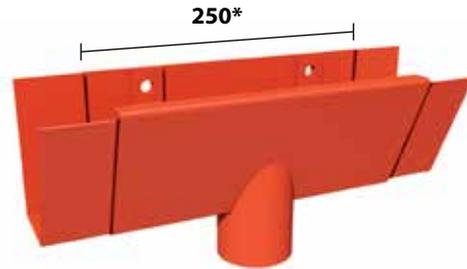
Wider or deeper gutters manufactured to size required



OUTLETS

GUTTER (mm)	ROUND				
	63 Ø	75 Ø	100 Ø	125 Ø	150 Ø
100 x 75	RBX1/13	RBX1/14	-	-	-
100 x 100	RBX2/13	RBX2/14	-	-	-
125 x 100	RBX3/13*	RBX3/14	RBX3/15	-	-
150 x 100	RBX4/13*	RBX4/14*	RBX4/15	RBX4/16	-
150 x 150	RBX5/13*	RBX5/14*	RBX5/15	RBX5/16	-
200 x 150	RBX6/13*	RBX6/14*	RBX6/15*	RBX6/16	RBX6/17
200 x 200	RBX7/13*	RBX7/14*	RBX7/15*	RBX7/16	RBX7/17
300 x 200	RBX8/13*	RBX8/14*	RBX8/15*	RBX8/16*	RBX8/17*

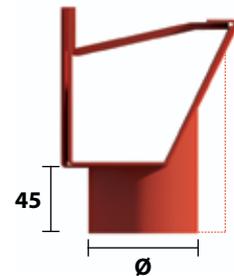
GUTTER (mm)	SQUARE AND RECTANGULAR					
	75 x 50	75 x 75	100 x 75	100 x 100	150 x 100	150 x 150
100 x 75	RBX1/18	RBX1/19	RBX1/20	-	-	-
100 x 100	RBX2/18	RBX2/19	RBX2/20	-	-	-
125 x 100	RBX3/18*	RBX3/19	RBX3/20	RBX3/21	RBX3/22	-
150 x 100	RBX4/18*	RBX4/19*	RBX4/20*	RBX4/21	RBX4/22	-
150 x 150	RBX5/18*	RBX5/19*	RBX5/20*	RBX5/21	RBX5/22	-
200 x 150	RBX6/18*	RBX6/19*	RBX6/20*	RBX6/21	RBX6/22	RBX6/23
200 x 200	RBX7/18*	RBX7/19*	RBX7/20*	RBX7/21	RBX7/22	RBX7/23
300 x 200	RBX8/18*	RBX8/19*	RBX8/20*	RBX8/21*	RBX8/22*	RBX8/23*



** 300 for outlets over 100*



Sleeve Outlet



** Indicates a sleeve outlet can be used in place of running outlets giving increased flexibility and cost efficiency.*

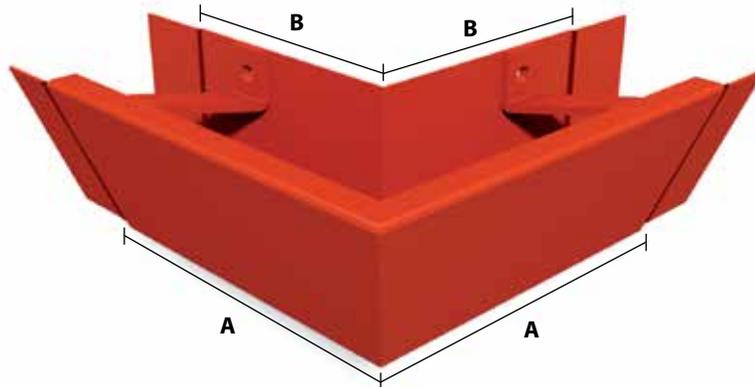
RAKED BOX GUTTERING SYSTEM

ANGLES

90° EXTERNAL				90° INTERNAL			135° EXTERNAL			135° INTERNAL		
GUTTER (mm)	90°	A (mm)	B (mm)	90°	A (mm)	B (mm)	135°	A (mm)	B (mm)	135°	A (mm)	B (mm)
100 x 75	RBX1/3	250	150	RBX1/4	150	250	RBX1/5	190	150	RBX1/6	150	190
100 x 100	RBX2/3	250	150	RBX2/4	150	250	RBX2/5	190	150	RBX2/6	150	190
125 x 100	RBX3/3	275	150	RBX3/4	150	275	RBX3/5	200	150	RBX3/6	150	200
150 x 100	RBX4/3	300	150	RBX4/4	150	300	RBX4/5	210	150	RBX4/6	150	210
150 x 150	RBX5/3	300	150	RBX5/4	150	300	RBX5/5	210	150	RBX5/6	150	210
200 x 150	RBX6/3	350	150	RBX6/4	150	350	RBX6/5	230	150	RBX6/6	150	230
200 x 200	RBX7/3	350	150	RBX7/4	150	350	RBX7/5	230	150	RBX7/6	150	230
300 x 200	RBX8/3	450	150	RBX8/4	150	450	RBX8/5	270	150	RBX8/6	150	270

IRREGULAR ANGLE		
GUTTER (mm)	EXTERNAL	INTERNAL
100 x 75	RBX1/7	RBX1/8
100 x 100	RBX2/7	RBX2/8
125 x 100	RBX3/7	RBX3/8
150 x 100	RBX4/7	RBX4/8
150 x 150	RBX5/7	RBX5/8
200 x 150	RBX6/7	RBX6/8
200 x 200	RBX7/7	RBX7/8
300 x 200	RBX8/7	RBX8/8

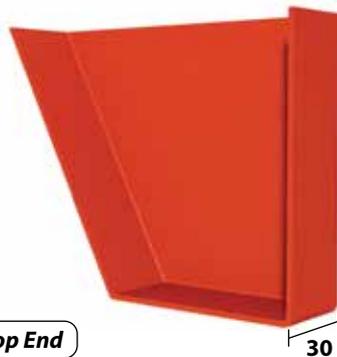
External Angle Shown



When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

STOPENDS

GUTTER (mm)	R/H STOPEND	L/H STOPEND
100 x 75	RBX1/10	RBX1/11
100 x 100	RBX2/10	RBX2/11
125 x 100	RBX3/10	RBX3/11
150 x 100	RBX4/10	RBX4/11
150 x 150	RBX5/10	RBX5/11
200 x 150	RBX6/10	RBX6/11
200 x 200	RBX7/10	RBX7/11
300 x 200	RBX8/10	RBX8/11

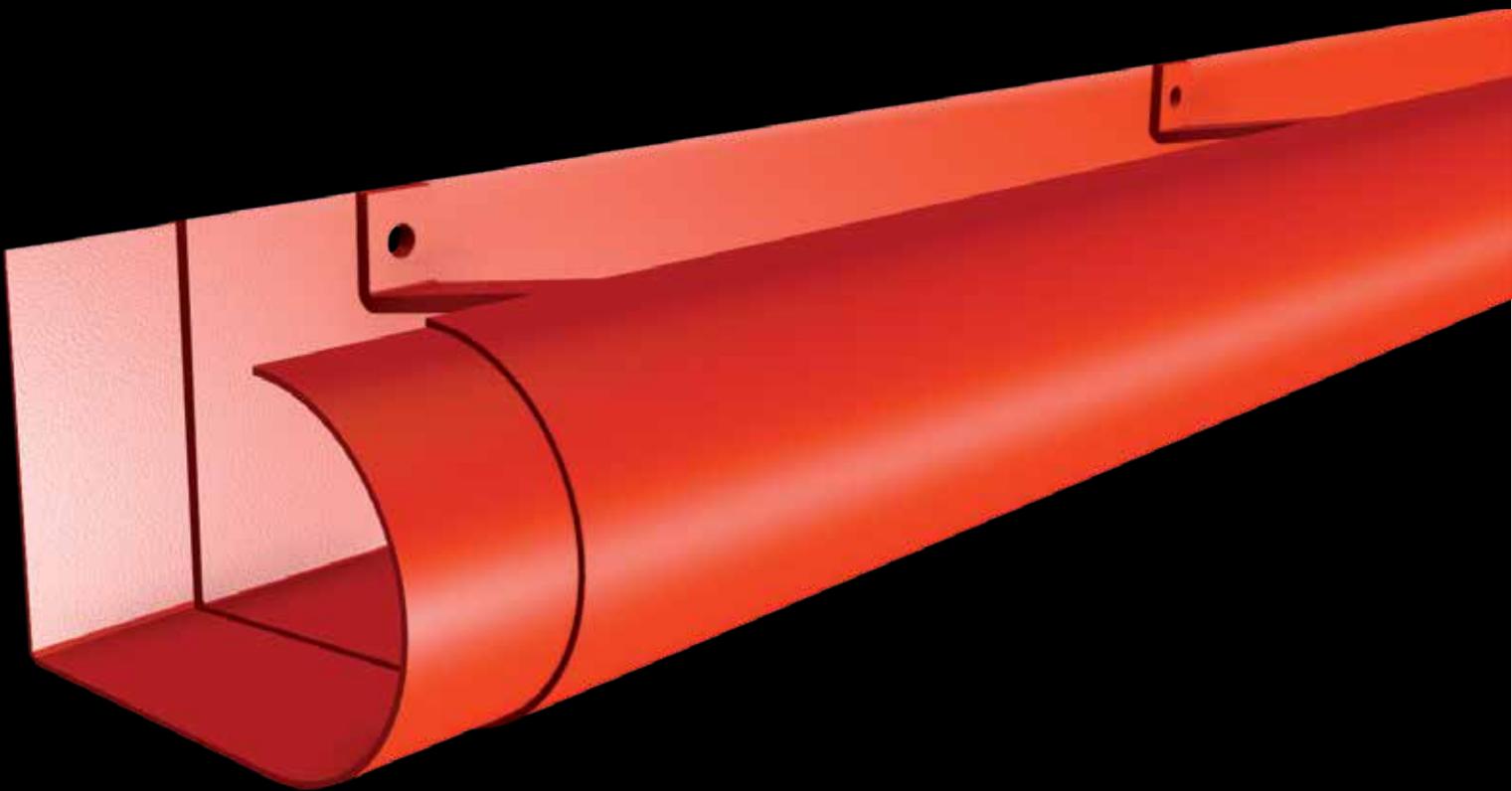
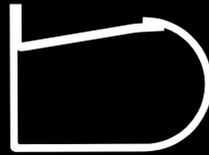


Internal Stop End

Bullnose Gutter System

These gutters offer an alternative to box gutters, we have suggested sizes but these can be amended as required.

Wide Range of sizes available



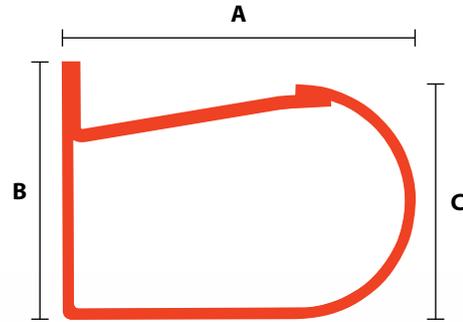
GUTTERCREST

BULLNOSE GUTTERING SYSTEM

GUTTER LENGTHS

GUTTER (mm)	3m	1.5m	A (mm)	B (mm)	C (mm)	MATERIAL THICKNESS
150 x 100	BNG1/1	BNG1/2	150	110	100	2.5

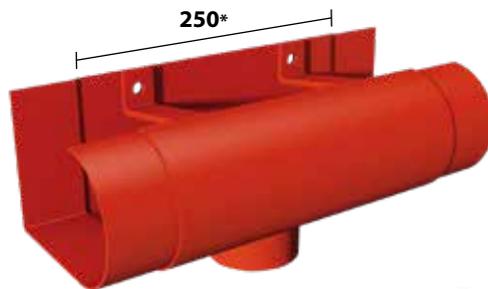
Other sizes manufactured as required



OUTLETS

ROUND			
GUTTER (mm)	63 Ø	75 Ø	100 Ø
150 x 100	RBX1/13	RBX1/14	-

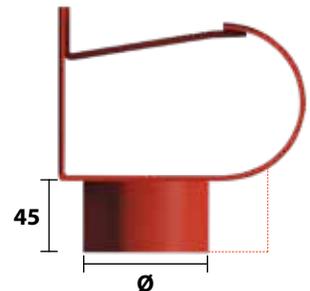
SQUARE AND RECTANGULAR				
GUTTER (mm)	75 x 50	75 x 75	100 x 75	100 x 100
150 x 100	RBX1/18	RBX1/19	RBX1/20	-



* 300 for outlets over 100



Sleeve Outlet



BULLNOSE GUTTERING SYSTEM

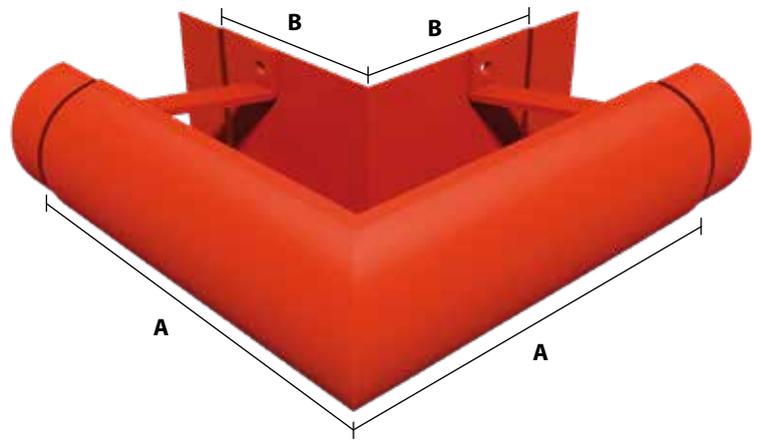
ANGLES

90° EXTERNAL				90° INTERNAL		
GUTTER (mm)	90°	A (mm)	B (mm)	90°	A (mm)	B (mm)
150 x 100	BNG1/3	150	300	BNG1/4	300	150

External Angle Shown

135° EXTERNAL			135° INTERNAL		
135°	A (mm)	B (mm)	135°	A (mm)	B (mm)
BNG1/5	150	210	BNG1/6	210	150

IRREGULAR ANGLE		
GUTTER (mm)	EXTERNAL	INTERNAL
150 x 100	BNG1/7	BNG1/8

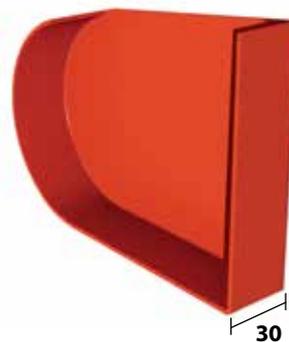


When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

STOPENDS

GUTTER (mm)	R/H STOPEND	L/H STOPEND
150 x 100	BNG1/10	BNG1/11

Both left & right hand stopends are internal, thus giving a clean uninterrupted profile.



Internal Stop End

GUTTER BRACKETS

RAFTER & MORTAR BRACKETS

When it is not possible to fix guttering directly to the fascia, we can offer these alternative brackets.

HALF ROUND GUTTER BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100	HR1/29	HR1/30	HR1/31
115	HR2/29	HR2/30	HR2/31
130	HR3/29	HR3/30	HR3/31
150	HR4/29	HR4/30	HR4/31

BEADED DEEP FLOW GUTTER BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100	BDF1/29	BDF1/30	BDF1/31
125	BDF2/29	BDF2/30	BDF2/31
150	BDF3/29	BDF3/30	BDF3/31

MOULDED OGEE GUTTER (SMALL) BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100 x 75	MOG1/29	MOG1/30	MOG1/31
125 x 100	MOG2/29	MOG2/30	MOG2/31
150 x 100	MOG3/29	MOG3/30	MOG3/31

MOULDED OGEE GUTTER (LARGE) SIZES

We recommend that gutters of this size should be directly fixed & not bracketed.

VICTORIAN OGEE GUTTER BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
110	VOG1/29	VOG1/30	VOG1/31
120	VOG2/29	VOG2/30	VOG2/31
130	VOG3/29	VOG3/30	VOG3/31
160	VOG4/29	VOG4/30	VOG4/31

BOX GUTTER (SMALL) BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100 x 75	BX1/29	BX1/30	BX1/31
100 x 100	BX2/29	BX2/30	BX2/31
125 x 100	BX3/29	BX3/30	BX3/31
150 x 100	BX4/29	BX4/30	BX4/31

BOX GUTTER (LARGE) SIZES

We recommend that gutters of this size should be directly fixed & not bracketed.

SHAPED BOX GUTTER BRACKETS

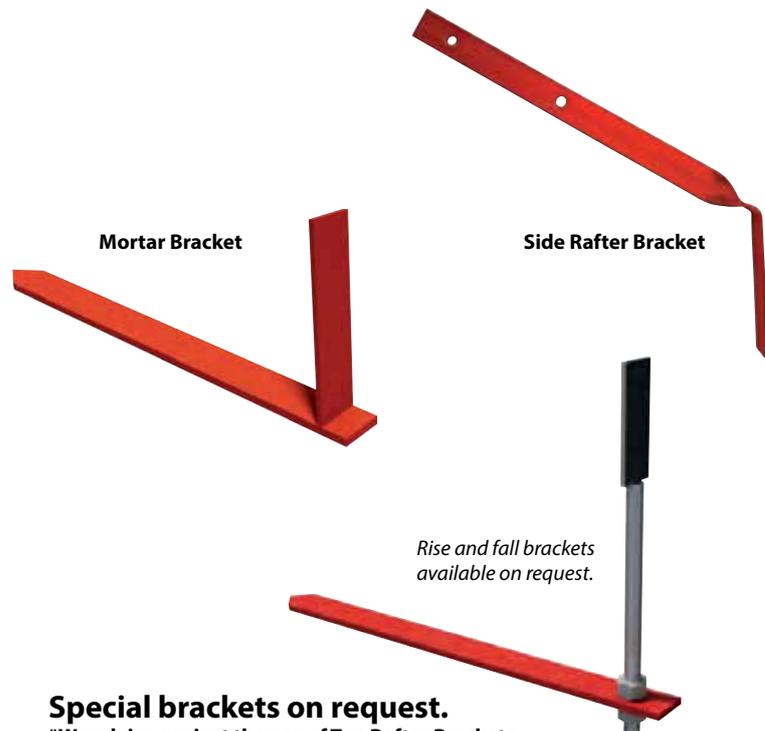
GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100 x 75	SBX1/29	SBX1/30	SBX1/31
100 x 100	SBX2/29	SBX2/30	SBX2/31
125 x 100	SBX3/29	SBX3/30	SBX3/31
150 x 100	SBX4/29	SBX4/30	SBX4/31

RAKED BOX GUTTER BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100 x 75	RBX1/29	RBX1/30	RBX1/31
100 x 100	RBX2/29	RBX2/30	RBX2/31
125 x 100	RBX3/29	RBX3/30	RBX3/31
150 x 100	RBX4/29	RBX4/30	RBX4/31

BULLNOSE GUTTER BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
150 x 100	BNG1/29	BNG1/30	BNG1/31



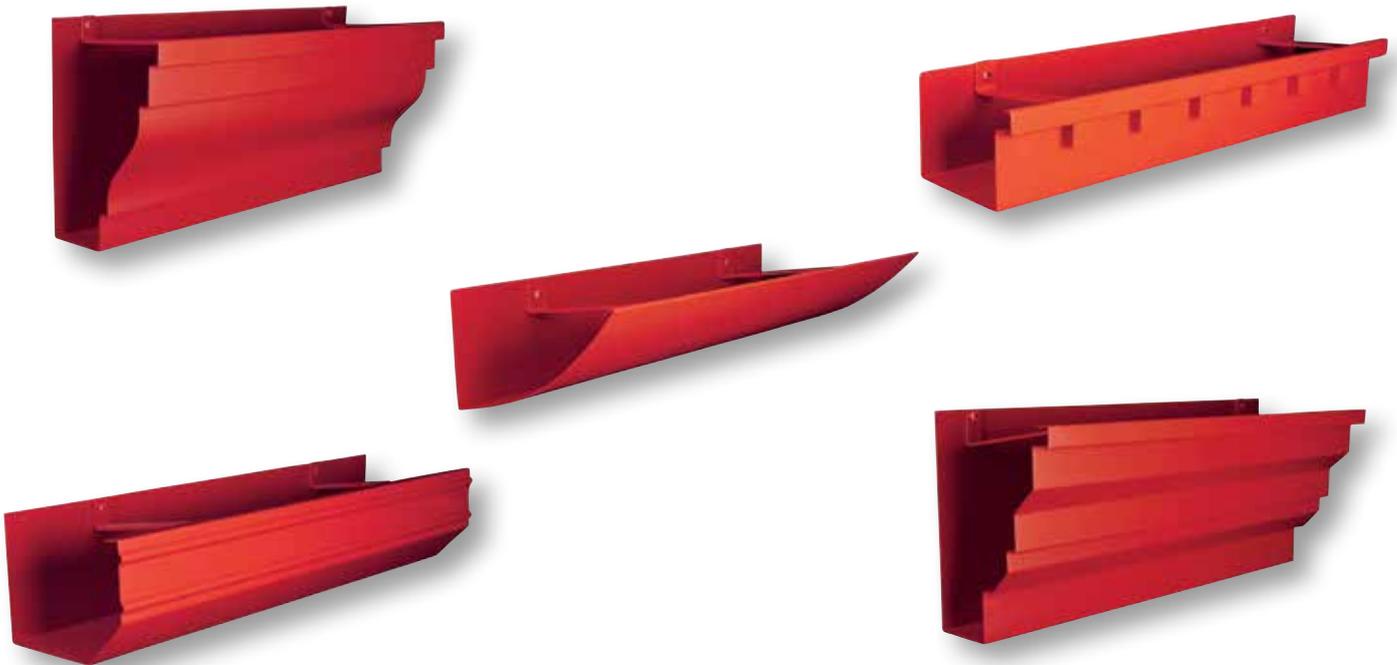
Special brackets on request.

*We advise against the use of Top Rafter Brackets.

BESPOKE GUTTERS

Guttercrest are specialists in manufacturing non-standard gutters. Our technical department will help you to specify the profile of your choice.

These are examples of Bespoke Gutters already manufactured for specific projects:



BESPOKE GUTTERS



RADIUS GUTTERS

Guttercrest can manufacture to form a curve on plan (and in elevation in some profiles).

These can either be fabricated to a true curve, segmented or sandcast.

Please apply to our technical department.



FASCIAS & SOFFITS

Aluminium Fascias and Soffits are an important visual aspect of a Buildings Design. Our modular fascia/soffit systems allow designers to bring distinctiveness and individuality to their projects. Therefore Guttercrest's early involvement with the design and specification of the fascia system is important, working closely with our team to achieve the required aesthetic appearance. Please appreciate the bespoke nature of the roof edge means the majority of eaves, fascia, soffits are individually designed for each property. From a simple fascia cover to a curved Bullnose with segmented soffit - we have the skills.

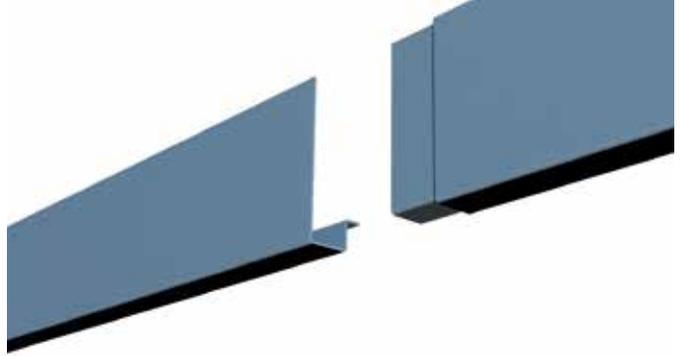
Integration and compatibility with Guttercrest's Aluminium rainwater goods, wall copings and other products is assured. Shown are a few examples from previous projects. Please be aware aluminium cills, trims and other flashings can also be supplied.



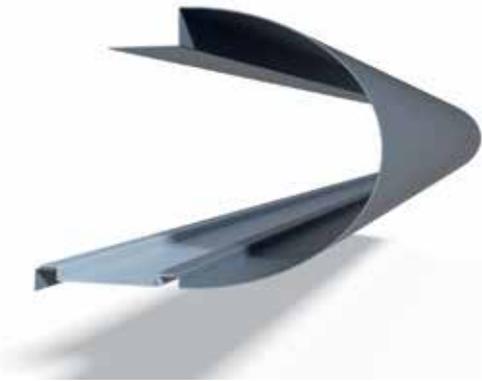
FASCIAS & SOFFITS



ALUMINIUM STEPPED FASCIA



ALUMINIUM PRIMARY FASCIA



ALUMINIUM BULLNOSE FASCIA & TRAY SOFFIT



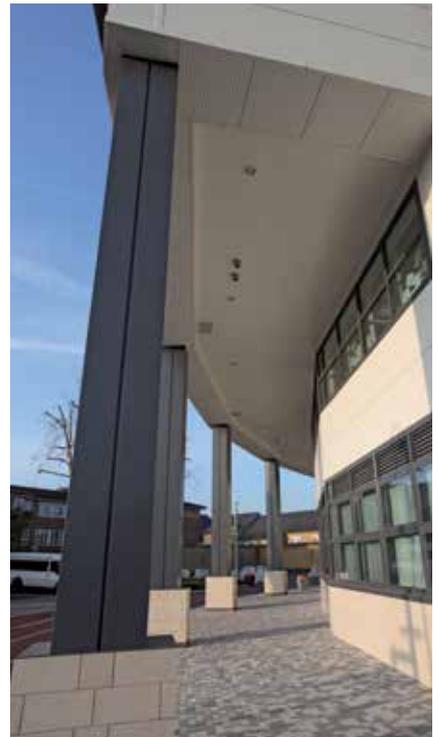
ALUMINIUM BULLNOSE FASCIA & ARROWHEAD SOFFIT PLANKS

COLUMN CASINGS

Aluminium Column and beam casing offer a highly flexible and adaptable solution to encasing vertical columns, horizontal beams (beam casings) and bulkheads etc.

Profiles can be made to suit project requirements. These include round/curved, aerofoil or square-endless shapes and sizes of cladding can be manufactured.

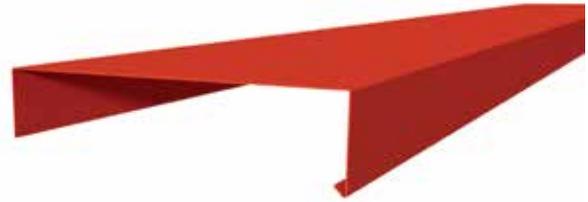
We can also supply the metal carcassing or sub-framing to suit the column cladding.



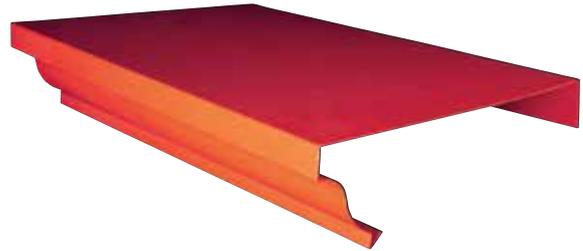
WALL COPING & CAPPINGS

Guttercrest's Aluminium coping and capping systems provide an aesthetically pleasing and economic finish to parapet walls. Guttercrest copings and cappings are light-weight, versatile, adaptable, very quick to install and offer a long term weatherproof wall protection. If the project requires curved (radius) coping, whether a true curve or faceted, horizontal or vertical - are achievable. Manufactured to suit ramped walls, serpentine walls, stepped etc.

For special fabricated copings / cappings then please contact our technical department. Guttercrest will manufacture bespoke profiles to individual specifications, sizes and profiles. Copings / Cappings are available in mill finish Aluminium or Polyester Powder coated in an array of colours and finishes. See website for more details.



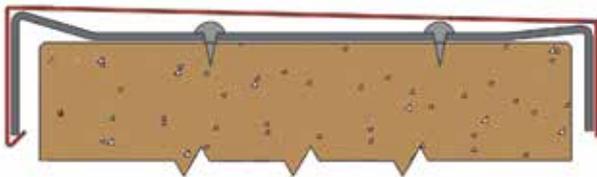
STANDARD COPING PROFILE



BESPOKE COPING PROFILE



STANDARD CAPPING PROFILE



WALL COPING SECTION



WALL COPING & CAPPINGS



COMPLEX WALL COPINGS



CURVED WALL COPINGS



COPING T - JUNCTION



CURVED TO STRAIGHT ANGLE

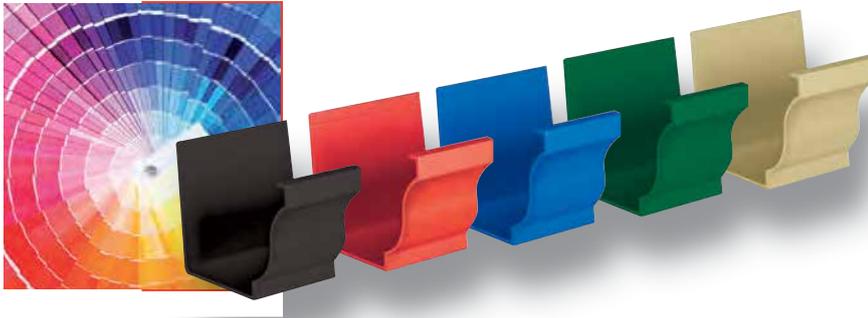


CURVED AND STRAIGHT COPING



BALCONY WALL COPING

COLOURS & FINISHES



Our products are polyester powder coated in a large range of RAL and BS colours, we can also obtain a huge range of special colours and finishes, such as metallics, textures, stone and anodised effect finishes.

WHAT IS POLYESTER POWDER COATING?

Powder coating is a type of coating that is factory applied as a free-flowing, dry powder. The coating is typically applied electrostatically and is then cured under heat to allow it to flow and form a hard finish that is tougher than conventional paint.

POWDER COATING HAS BECOME SO POPULAR BECAUSE IT OFFERS:

- Aesthetics
- Durability
- Environmentally Friendly
- Weatherability
- Huge range of colours & choice of finishes

COATING & APPLICATION SPECIFICATIONS

For the PPC finish to be Durable and Colour Fast an External Grade Architectural Powder should be used, conforming to BS 6496. This should be applied in accordance with BS EN 12206-1:2004.

MARINE & INDUSTRIAL ENVIRONMENTS

The PPC finish in Coastal areas (generally within 500m of the high water mark) needs to be Marine Standard PPC. Areas with Harsh Industrial Pollution also need special consideration. Please contact us to confirm prior to placing orders, extra costs may apply.

COLOUR AVAILABILITY & GLOSS LEVELS

COLOUR RANGE

RAL Colours are now the most commonly used for Architectural Polyester Powder Coatings (PPC). Some of the colours will be available at our standard charges, some will incur extra costs. Metallics, Anodising effect coating and stone effect coating are often more expensive. The Quantity of materials to be coated also influences the cost as small batches of special colours are expensive.

PPC GLOSS LEVELS

Architectural Grade Polyester Powder Coating is available in 3 Gloss Levels

MATT (30%)

SATIN (60%)

GLOSS (90%)

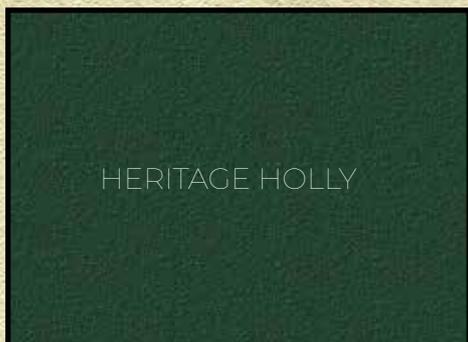
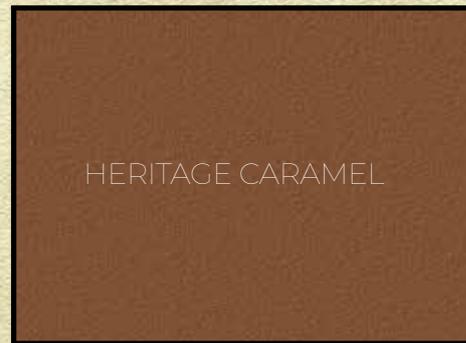
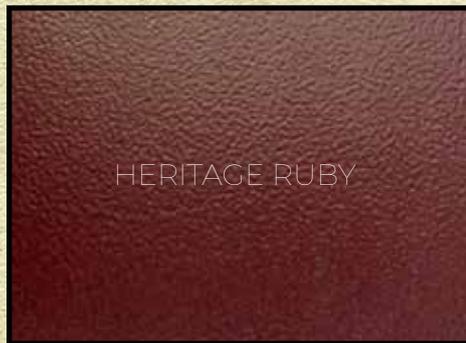
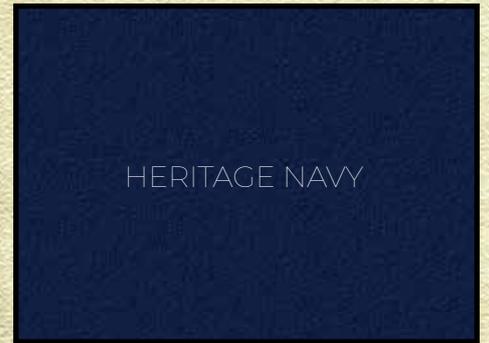
Generally most Architectural finishes are MATT (30%). The reduced gloss level helps hide any of the undulations to the flatness of the material.

GUTTERCREST RECOMMEND & WHERE EVER POSSIBLE WILL PPC MATERIALS IN MATT (30%)

For more information about Polyester Powder coating, Please contact us.

HERITAGE COLOUR RANGE

A textured cast effect finish in traditional colours



PLEASE NOTE:

Colours may not correspond to real colours and are for guidance only

SPECIAL REQUIREMENTS & PERFORMANCE

SPECIAL REQUIREMENTS

Guttercrest whilst having an extensive range specialises in non-standard production. Whether you require a modification to a standard system or a complete bespoke system, we can assist.

RISE AND FALL ANGLES

These accommodate changes in vertical plane. Compound angles can be made when both vertical and horizontal planes differ. Under most situations, these can be manufactured although customers may have to provide a template.

RADIUS GUTTERS

Guttercrest can manufacture to form a curve on plan (and in elevation in some profiles). These can either be fabricated to a true curve, segmented or sandcast. Please apply to our technical department.

BACK OR SIDE OUTLETS

Guttercrest can manufacture outlets as required. Consideration must be given to capacity of the systems that will be reduced therefore requiring larger or additional outlets.

BESPOKE GUTTER PROFILES

Guttercrest specialise in the manufacture of non-standard profiles to suit customer requirements. Please let our technical department have a sketch of the required profile and we will then give guidance.

ADAPTORS

Special adaptors to accommodate different sizes or profiles of gutter or rainwater pipe (including drain connections) can be manufactured but detailed dimensions will have to be given to our technical department.

FASCIA / SOFFIT / COPINGS

Guttercrest can manufacture fascia/soffit to customer requirements. These can include venting and feature 'Vs' to give planking effect. Please contact our technical department. A standard range is also available called Easieaves, the modular system for aluminium fascias, soffits and copings.

PIPE WITH INTERNAL SPIGOT

Can be manufactured in all profiles, complete with standard or concealed pipe brackets. Alternatively see our high range of security downpipes.

LIGHTNING CONDUCTOR

If gutters are installed to Guttercrest details, our jointing method gives continuity. We do not advise that rainwater pipes be used for continuity and suggest a separate down tape or the gutters linked back to the structure. Professional advice should always be taken from a specialist contractor / consultant.

PURPOSE MADE HOPPERS

Guttercrest offer standard die cast hoppers and a range of bespoke sand-cast hoppers. We can also fabricate in sheet metal and special sand-cast hoppers.

OTHER REQUIREMENTS

If you have any other requirements, please ask.

PERFORMANCE

STRUCTURAL AND MECHANIC

Guttercrest Rainwater Systems are highly resistant to impact breakage, will support ladders, wind and snow loadings.

FIRE

Generally, systems do not aid combustion and are rated as follows:

Plain - Non combustible to BS476 Part 4.

PPC - 0.1 Fire Propagation Index BS476 Part 6.

PPC - Class 1 Flame Surface Spread BS476 Part 7.

CHEMICAL

Guttercrest products are corrosion resistant but should not be used where acids or strong detergents occur.

BIOLOGICAL

Products are vermin and rot proof and are not affected by general moulds, bacteria's etc...

ENVIRONMENTAL

Products are recyclable and offer no environmental hazard.

THERMAL

Coefficient of thermal expansion is 0.000026°C for cast aluminium and 0.000023°C for sheet aluminium. All systems are designed to cater for thermal expansion.

COMPATIBILITY

Direct contact with dissimilar metals or with materials containing lime or cement should be avoided.

The use of aluminium on buildings with coppers roofs is not

recommended. In location of aggressive atmospheric conditions and coastal areas, we would advise contact with our technical department.

DURABILITY

Guttercrest Rainwater Systems should have a low maintenance life of forty years in normal atmospheric conditions that would be reduced in industrial and marine environments.

The decorative life expectancy for polyester coating should be between 15 to 35 years depending on atmospheric conditions and regular maintenance.

EXTREME WEATHER CONDITIONS

Guttercrest's product range is designed to withstand the normal UK climatic variations.

Consideration should be given to extra fixings, brackets, snowboards etc. If exceptional conditions are anticipated.



DESIGN DETAILS & GENERAL JOINTING

DESIGN DETAILS

For an eaves roof drainage system to function correctly it must carry all but the most extreme of storms safely to ground level without overflowing. The level of the flow within the roof drainage system can be found from the catchment area and rainfall intensity.

FLOW CAPACITIES

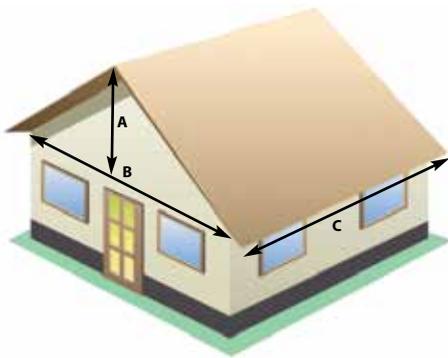
The flow capacities for standard Guttercrest gutters are based on the calculation methods in BS EN 12056-3:2000. Rainfall intensity varies geographically with the highest levels in the South-East of England, over a range 0.01 to 0.022 l/(s.m.2)

The gutters being laid nominally level. This design rate is generally suitable for eaves gutters where overflow is unlikely to occur inside or damage the fabric of the building.

As each rainwater system is unique, consideration must be given that angles, roof pitch, etc effects the flow rates.

CALCULATIONS

Effective roof area.



Effective roof area = $(A/2 + B) \times C = \text{ERA M}$

RUN OFF

Run off = effective roof area x rainfall intensity = l/s

SYSTEM REQUIRED

From the above calculations, the suitable gutters and rainwater pipes can now be selected.

CONSIDERATIONS

Corners will reduce flow performance.

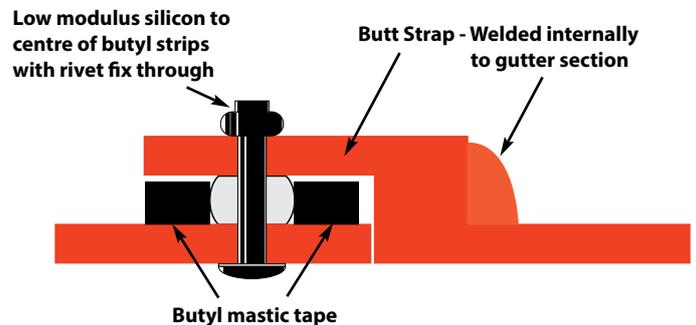
End outlets may reduce capacity over central outlets by approximately 50%.

Valley gutters discharging into the eaves gutter especially on corners can lead to overflow problems.

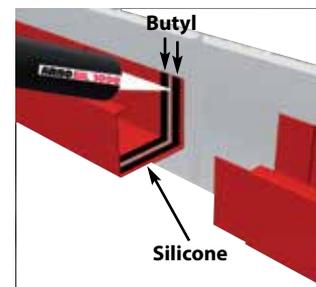
Leafguards on outlets block flow into the outlet, and so require a 50% reduction factor on the capacities listed in this brochure.

For further information, please contact our technical department or see our website.

GENERAL JOINTING SECTION

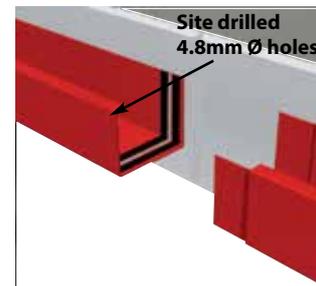


JOINTING DETAIL

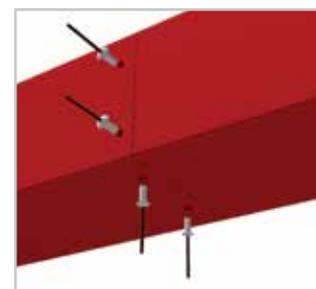


STAGE 1
2 strips of Butyl tape are laid inside the female end of gutter, parallel to each other and approximately 10mm apart. The tape is manually bedded into the gutter profile corners.

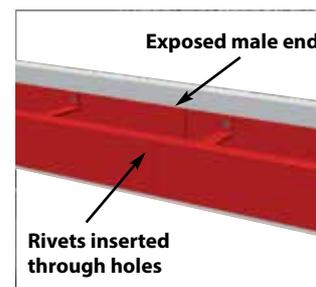
The gap between the two strips of tape is liberally gun-filled with silicone sealant. The silicone is left proud, with no excess removed.



STAGE 2
The male end of the next gutter length or accessory, is offered; and firmly bedded onto the silicone/ tape joint, ensuring that the top of the married lengths are aligned.



STAGE 3
Sealed (blind) rivets are used to firmly secure the joining of the lengths, inserted through site drilled holes at approx 50mm ctrs. The rivets should be placed between the strips of tape in order that the silicone will act as a secondary seal.



STAGE 4
An additional bead of silicone is applied to the exposed male end with excess removed. In the case of Polyester Powder colour coated gutters all rivet heads and cut ends should be touched up with compatible paint. For individual product fixing instructions please contact our Technical Department or see our website.

INSTALLATION DETAILS

GENERAL

HANDLING AND STORAGE - Materials should be handled with care and stored in a safe place to avoid damage

CUTTING AND DRILLING - Standard metalwork tools can be used. All cut edges should be deburred and if coated, touched up with suitable paint available from Guttercrest.

GUTTERS

Levels - We recommend gutters are installed level. If fall required max. 1:600. The height of gutter should be set to prevent overshoot.

SEQUENCE

1. Check fixing background, including alignment and that the roof overhang is correct. Ensure any necessary remedial works are carried out.
2. Establish fixing datum line.
3. Start fixing procedures from right to left, starting at a stepend or corner if possible.
- 4a. If fascia brackets are being used, fix brackets using stainless steel fixings, string lining through for line and level including extra brackets at components.

Or...

- 4b. Back fix gutter to fascia using stainless steel fixings.
5. Apply butyl tape and silicone to plain end of next gutter.
6. Rivet joint using aluminium sealed rivets.
7. Clean off any excess sealant to outside of the gutter and touch up rivets.

RAINWATER PIPES

SEQUENCE

1. Check that drain connection is in correct position and ensure any remedial work necessary is carried out.
2. Install pipes using a spirit level to check for vertical alignment.
- 3a. Eared Sockets
 - (i) Pipes fixed at collar position only - no intermediate fixings necessary.
 - (ii) If no shoe is used, a collar bracket should be used at the base of the pipe.
- 3b. Plain Collar Downpipes
 - (i) Fixing brackets should be fitted under the collar (and at extra components). No intermediate bracket is required.
4. Stainless steel hammer screws should be used for fixing into masonry
5. Joints should be dry.
6. If pipes are fitted over expansion joints, a slot will have to be put in the bracket.

See website for full details

MODEL SPECIFICATIONS

GUTTERS

Guttercrest heavy grade gutter system to BS2997

PROFILE: Product name and size

MATERIAL: _____ mm thickness

FINISH: Polyester powder coated to BS6497 or mill finish

COLOUR: RAL _____ or BS _____
Give ref. no.

Method of jointing:
Internal / external welded butt strap, silicone and butyl seals and riveted.

Method of fixing:
Fascia bracket / direct back fix / direct back fix through internal cross brace.

Installed to manufacturers instructions.

RAINWATER PIPES

Guttercrest heavy grade extruded aluminium pipes and fittings to BS2997

PROFILE: Product name - round / square / rectangular & size.

MATERIAL: _____ mm thickness

FINISH: Polyester powder coated to BS6497 or mill finish

COLOUR: RAL _____ or BS _____
Give ref. no.

Method of jointing:
Plain socket / cast socket / internal spigot.

Method of fixing:
Pipe clips or eared socket.

Installed to manufacturers instructions.

FUTHER INFORMATION

FIXINGS & SEALANTS

These are all available from Guttercrest Limited and recommended types should be used.

SITE PAINTING

Materials need to be degreased and primed with a quality aluminium etch primer. If over painting polyester powder coated materials, clean surface with a solvent cleaner and lightly rub down. Apply top coat, no primers or undercoat is required.

TESTING

Whilst it would be preferable to water test the rainwater system, under most site conditions this is not practical. If testing is required it should be done when the system is complete.

The outlets should be blocked and the gutters filled two thirds of capacity. After 5 minutes the joints should be checked, unblocking the outlets and discharging the water will test the pipes. Any remedial works should be undertaken, retest until satisfactory.

MAINTENANCE

Regular clean out gutters and check downpipes are clear.

All brackets and fixings should be inspected to ensure they are secure and tak remedial action as necessary.

Clean polyester powder coated surfaces regularly by washing the coating using a warm mild detergent (non-toxic) solution.

This should be done with a soft cloth / sponge.

Under no circumstances, should abrasive cleaners etc. be used.

Mill finish goods will develop a natural aluminium oxide coating which is a hard protective layer so no further maintenance is necessary.

ORDERING AND SUPPLY

When ordering, please state reference numbers and the colour if polyester powder coated including a RAL or BS code number.

The product is available through a network of merchants but is a non stock item.

For export or queries, please contact our sales office.

TECHNICAL

For any advice including other products, please contact our technical department.

COATING NOTE: Customers & specifier should ensure that if the project is in a marine / harsh atmosphere area it has upgraded coating.





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Due to our ongoing product development policy we reserve the right to alter specifications without prior notice.