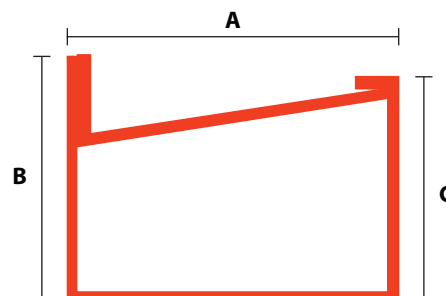


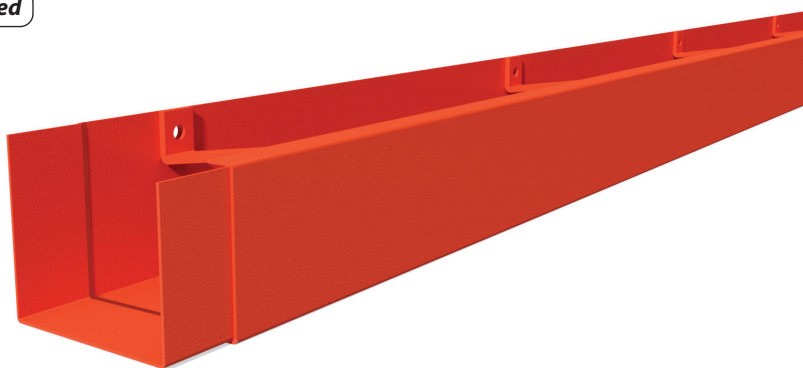
BOX GUTTERING SYSTEM

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

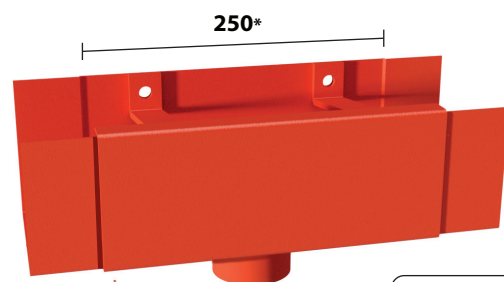


OUTLETS

ROUND					
GUTTER (mm)	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*	-

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	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*	-

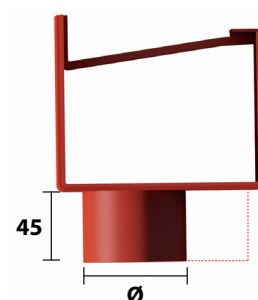
** Indicates a sleeve outlet can be used in place of running outlets giving increased flexibility and cost efficiency.*



** 300 for outlets over 100*



Sleeve Outlet

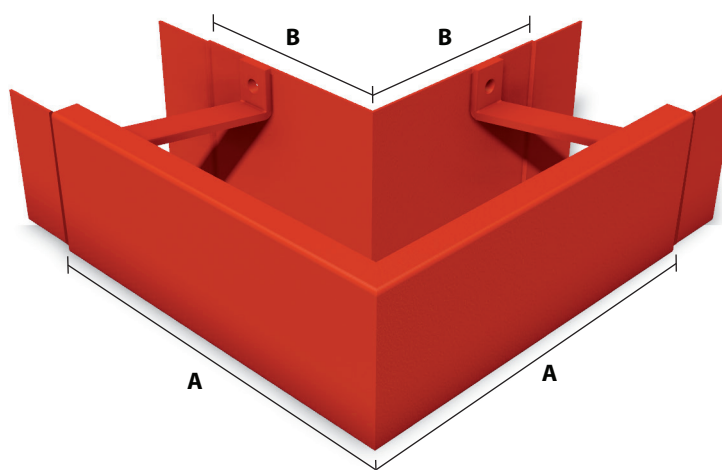


BOX GUTTERING SYSTEM

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



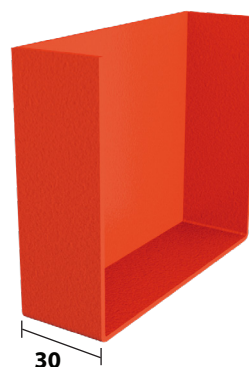
External Angle Shown

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

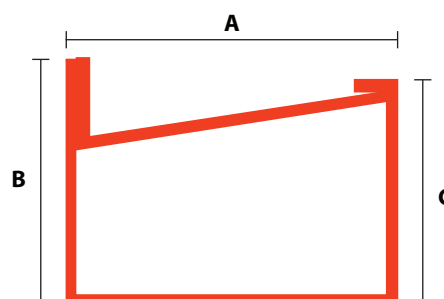
Internal Stop End



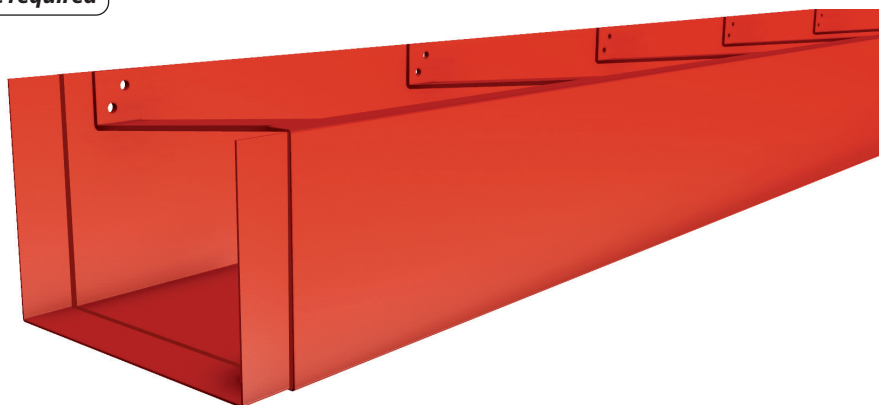
BOX GUTTERING SYSTEM (*larger sizes*)

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

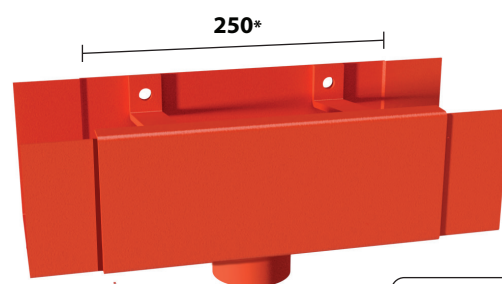


Wider or deeper gutters manufactured to size required



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*

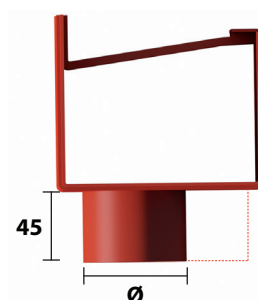


** 300 for outlets over 100*

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



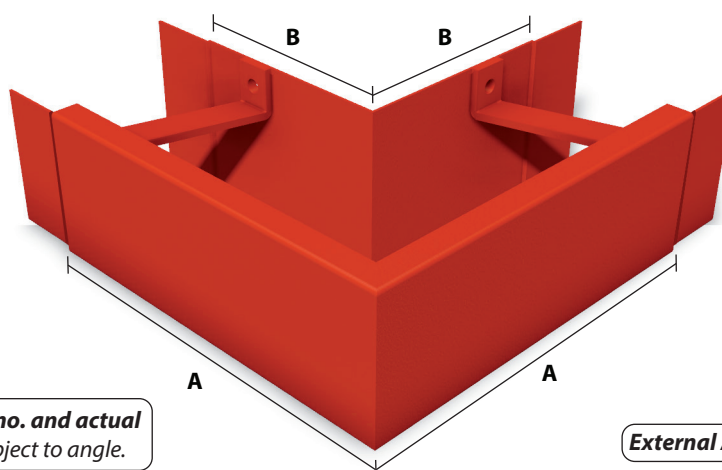
** Indicates a sleeve outlet can be used in place of running outlets giving increased flexibility and cost efficiency.*

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



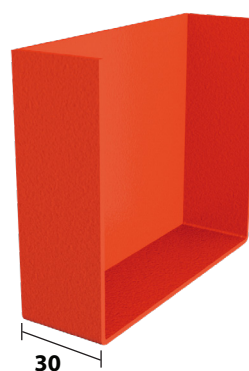
When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

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



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

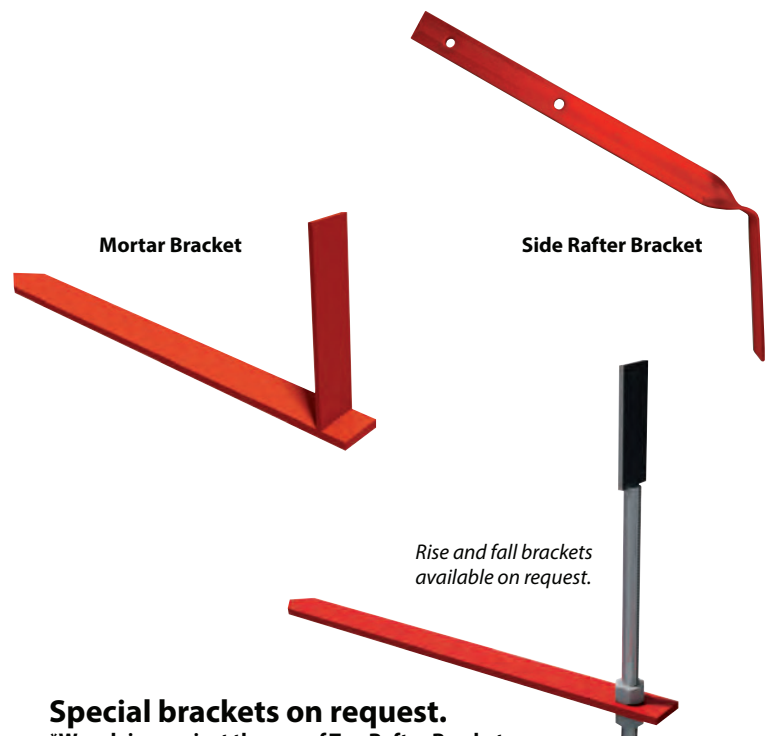
BOX GUTTER (LARGE) SIZES

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.