

3.0 Rainwater Goods and Accessories

3.1 Guttering and Fascias

Fielders steel guttering and Fascias conforms to AS 1397, AS 2179 and AS 2728, unless noted otherwise.

Available Materials		
Material / Finish	Conforming to	BMT (mm)
ZINCALUME® Steel	AS 1397 G300 - AZ150 (Steel Fascia G550)	0.50
COLORBOND® Steel	AS 1397 G300 - AZ150 and AS 2728	0.50
COLORBOND® Ultra Steel	AS 1397 G300 - AZ200 and AS 2728	0.55
COLORBOND® Stainless Steel	Grade 430 base 300	0.45
Galvanised	Z275	0.55
Heritage Galvanised	AS 1397:2001 G300 - Z600	0.50
Colorcoat HPS200: ZA255 Galvalloy Substrate (95% zinc & 5% aluminium)	BS EN 10326, G280 tensile strength	0.50

Table 3.1.A Gutter and Fascia Materials

Guttering and Fascia Availability					
Gutter Type	SA/NT	WA	NSW	QLD	VIC
115 Hi-Ten O.G	✓		✓		✓
115 Quad	✓			✓	✓
115 Quad (WA)		✓			
125 D Gutter	✓	✓			✓
125 Low Front Quad				✓	
125 OG Gutter				✓	
125 Quarter Round		✓			
150 D Gutter				✓	
150 Half Round	✓	✓		✓	✓
150 Halfline	✓	✓	✓	✓	✓
150 Hi Front Quad				✓	
150 Low Front Quad				✓	
150 OG Gutter				✓	
175 Half Round				✓	
175 Halfline				✓	
175 Low Front Quad				✓	
175 OG Gutter				✓	
Ainsworth O.G.	✓	✓			✓
Fascia Cover	✓	✓	✓		✓
Fascia Gutter	✓	✓	✓		✓
Flat Fascia	✓	✓	✓	✓	✓
G&K Gutter				✓	
Hi Front Quad	✓		✓		
Longline		✓			
Ovolo		✓			
Quarter Round (Rollformed)		✓			
Rebated Fascia		✓			
Secret Gutter		✓			
Square Gutter				✓	
Square Line Fascia				✓	
Storm Master		✓			

Table 3.1.B Guttering and Fascia Availability

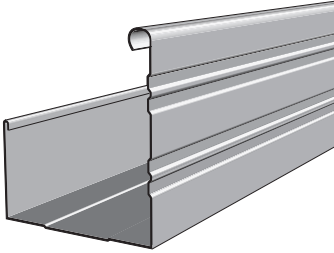
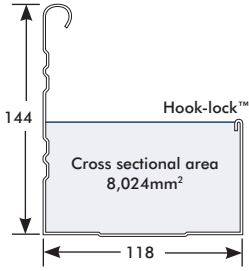
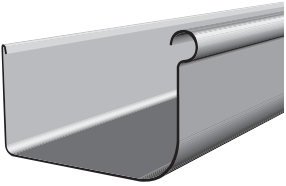
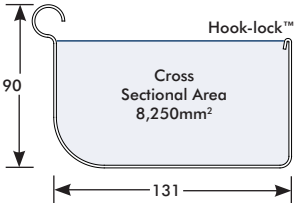
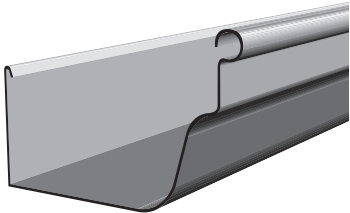
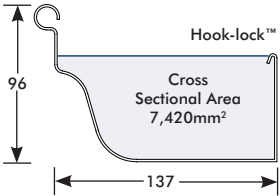
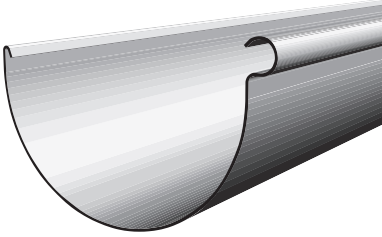
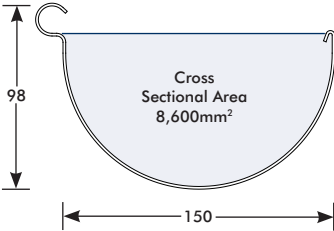
Gutters and Accessories - SA / VIC / NSW		
Fascia Gutter		
		Brackets: <ul style="list-style-type: none"> • GP Universal Bracket • 'J' Strap
125 D Gutter		
		Brackets: <ul style="list-style-type: none"> • External 'D' Bracket • 'OB' Strap • 'UB' Strap
Ainsworth O.G.		
		Brackets: <ul style="list-style-type: none"> • 'OG' External Bracket • 'OG' Internal Strap
150mm Half Round		
		Brackets: <ul style="list-style-type: none"> • External Half Round Bracket

Table 3.1.C Gutters and Accessories

Note: Not all guttering and fascia profiles are available in all states. Please check with your local Fielders staff for state specific availability.

All gutters should have a slight fall to the downpipe outlet (1 in 500). Brackets/straps should be spaced at 1.2 m centres.

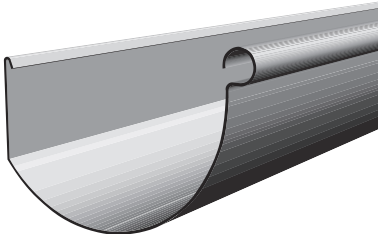
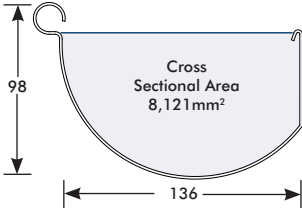
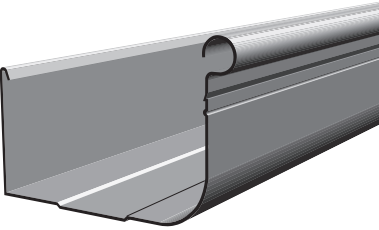
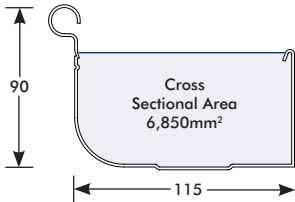
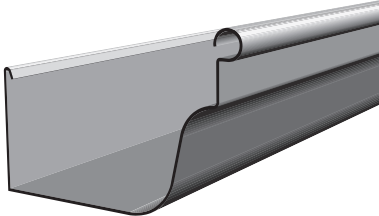
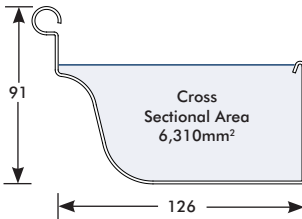
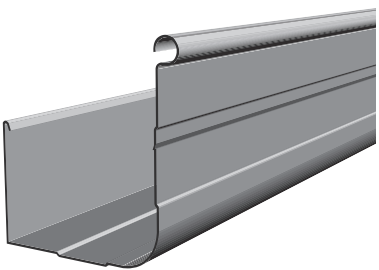
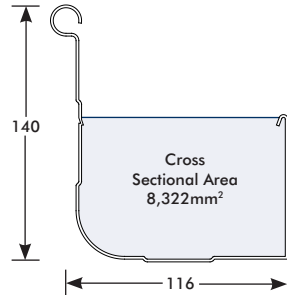
Gutters and Accessories - SA / VIC / NSW		
150 Halfline Gutter		
		<p>Brackets:</p> <ul style="list-style-type: none"> • Halfline Universal Bracket • 'UB' Strap • Suspension Clips
115 Quad Gutter		
		<p>Brackets:</p> <ul style="list-style-type: none"> • Hi-Front GP Bracket • Suspension Clips • J Strap <p>Accessories:</p> <ul style="list-style-type: none"> • Internal and External Cast Corners.
115 Hi-Ten O.G.		
		<p>Brackets:</p> <ul style="list-style-type: none"> • OG External Bracket • OG Internal Strap <p>Accessories:</p> <ul style="list-style-type: none"> • Internal and External Cast Corners
Hi Front Quad Gutter		
		<p>Brackets:</p> <ul style="list-style-type: none"> • Hi Front Universal Bracket • J Strap <p>Accessories:</p> <ul style="list-style-type: none"> • Internal and External Cast Corners

Table 3.1.D Gutters and Accessories

All gutters should have a slight fall to the downpipe outlet (1 in 500). Brackets/straps should be spaced at 1.2 m centres.

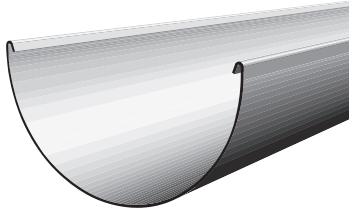
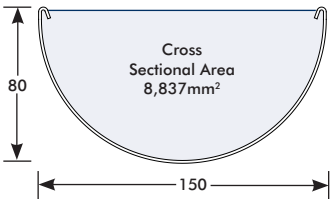
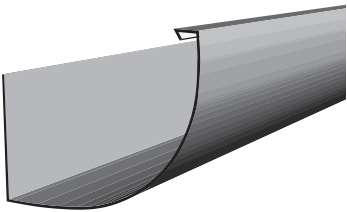
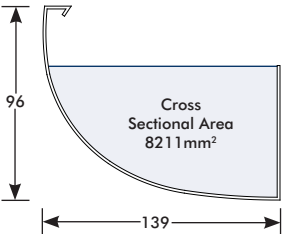
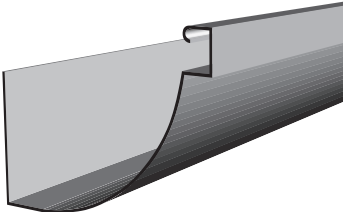
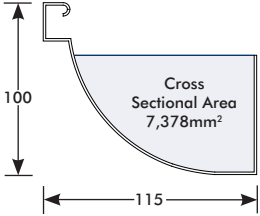
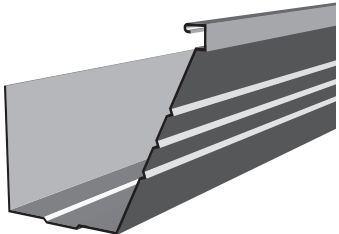
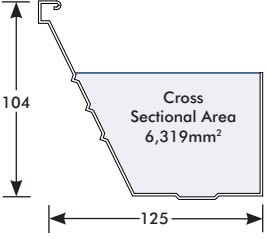
Gutters and Accessories - WA		
150mm Half Round		
		<p>Brackets:</p> <ul style="list-style-type: none"> • Half Round Strap
125mm Quarter Round		
		<p>Brackets:</p> <ul style="list-style-type: none"> • Strap (Quarter Round Quad)
115mm Quad		
		<p>Brackets:</p> <ul style="list-style-type: none"> • Strap (Quarter Round Quad)
Longline		
		<p>Brackets:</p> <ul style="list-style-type: none"> • F Strap • Standard Strap

Table 3.1.E Gutters and Accessories

All gutters should have a slight fall to the downpipe outlet (1 in 500). Brackets/straps should be spaced at 1.2 m centres.

Gutters and Accessories - WA		
150mm Half Round		
	<p>Cross Sectional Area 8,602mm²</p>	<p>Brackets:</p> <ul style="list-style-type: none"> • External Half Round Bracket • All-In-One Bracket
Fascia Gutter		
	<p>Additional 1900mm² without optional overflow slots.</p> <p>Cross Sectional Area 7,436mm²</p>	<p>Brackets:</p> <ul style="list-style-type: none"> • Concealed Bracket • Spring Clip • Overstrap
Ovolo Gutter		
	<p>Cross Sectional Area 6,906mm²</p>	

Table 3.1.F Gutters and Accessories

All gutters should have a slight fall to the downpipe outlet (1 in 500). Brackets/straps should be spaced at 1.2 m centres.

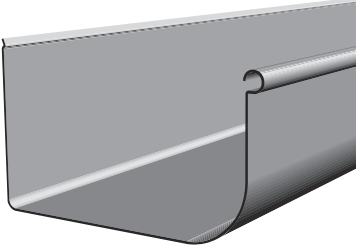
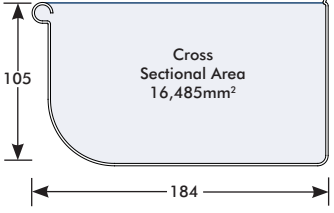
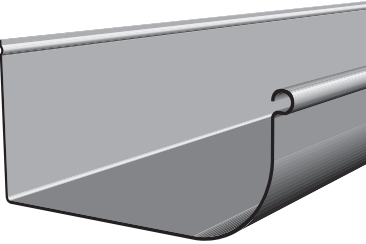
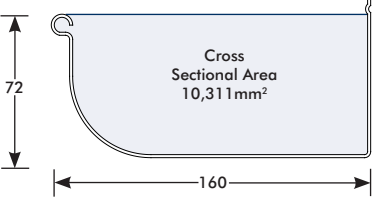
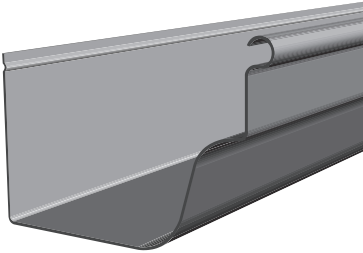
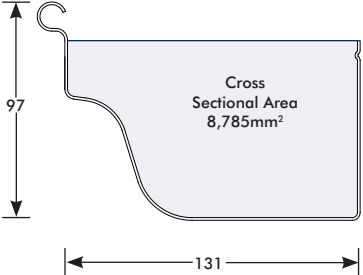
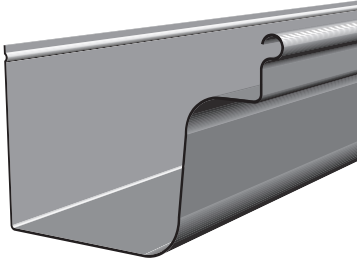
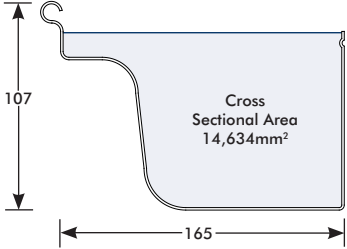
Gutters and Accessories - QLD		
170mm Low Front Quad Gutter		
	 <p>Cross Sectional Area 16,485mm²</p>	<p>Brackets:</p> <ul style="list-style-type: none"> • Spike Bracket • Concealed Bracket • Spring Clip and Overstrap • External Bracket and Overstrap
150mm Low Front Quad Gutter		
	 <p>Cross Sectional Area 10,311mm²</p>	<p>Brackets:</p> <ul style="list-style-type: none"> • Spike Bracket • Concealed Bracket • Spring Clip and Overstrap • External Bracket and Overstrap
150mm O.G. Gutter		
	 <p>Cross Sectional Area 8,785mm²</p>	<p>Brackets:</p> <ul style="list-style-type: none"> • Spike Bracket • Concealed Bracket • Spring Clip and Overstrap • External Bracket and Overstrap
170mm O.G. Gutter		
	 <p>Cross Sectional Area 14,634mm²</p>	<p>Brackets:</p> <ul style="list-style-type: none"> • Spike Bracket • Concealed Bracket • External Bracket and Overstrap

Table 3.1.G Gutters and Accessories

All gutters should have a slight fall to the downpipe outlet (1 in 500). Brackets/straps should be spaced at 1.2 m centres.

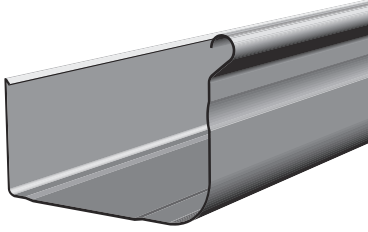
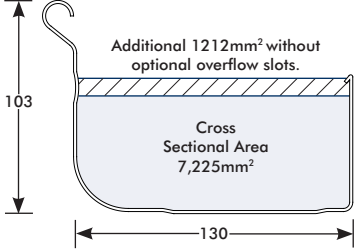
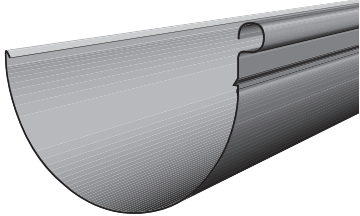
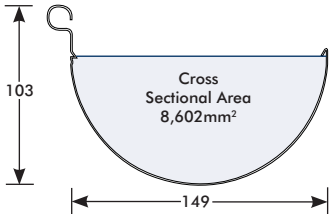
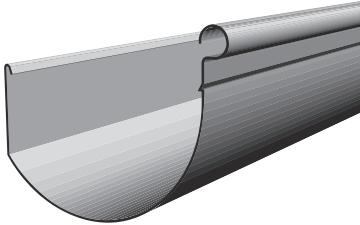
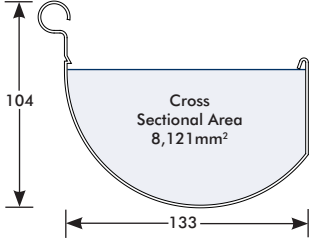
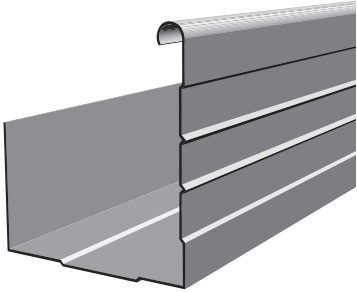
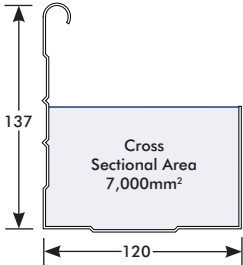
Gutters and Accessories - QLD		
150mm Hi Front Quad Gutter		
	 <p style="text-align: center;">Additional 1212mm² without optional overflow slots.</p> <p style="text-align: center;">Cross Sectional Area 7,225mm²</p>	<p>Brackets:</p> <ul style="list-style-type: none"> • Hi-Front GP Bracket • Suspension Clips • J Strap <p>Accessories:</p> <ul style="list-style-type: none"> • Internal and External Cast Corners.
175 mm Half Round Gutter		
	 <p style="text-align: center;">Cross Sectional Area 8,602mm²</p>	
Smoothline		
	 <p style="text-align: center;">Cross Sectional Area 8,121mm²</p>	
Fascia Gutter		
	 <p style="text-align: center;">Cross Sectional Area 7,000mm²</p>	<p>Brackets:</p> <ul style="list-style-type: none"> • GP Bracket • Universal Clips

Table 3.1.H Gutters and Accessories

All gutters should have a slight fall to the downpipe outlet (1 in 500). Brackets/straps should be spaced at 1.2 m centres.

Sizing Eaves Gutters

The following tables are intended to assist designers in determining the size of eaves gutters required in accordance with AS/NZS 3500.3:2003.

Effective Cross Sectional Area (mm ²) of Eaves Gutter Required to Drain Roof Catchment Area into One Downpipe for Gradients of 1:500 and Steeper				
Rainfall Intensity (mm/hr)	Roof Catchment Area			
	10m ²	20m ²	50m ²	100m ²
80			3600	7800
90			4450	8500
100			4900	9250
120		3000	5300	10700
140		3300	6150	12100
160		1750	7000	13500
180		4100	7800	14800
200		4450	8500	16050
225		4900	10300	17700
250	3100	5300	11050	
300	3500	6150	12800	
350	4000	7000	14500	
400	4450	7800	16100	
450	4900	8500	17600	
500	5300	9400		

Table 3.1.I Effective Cross-sectional area of Eaves Gutter for Gradients of 1:500 and Steeper


Effective Cross Sectional Area (mm ²) of Eaves Gutter Required to Drain Roof Catchment Area into One Downpipe for Gradients Flatter than 1:500				
Rainfall Intensity (mm/hr)	Roof Catchment Area			
	10m ²	20m ²	50m ²	100m ²
80			5900	10450
90			6500	11400
100			7100	12300
120			8200	14250
140			9300	16100
160		4450	10450	18000
180		5000	11450	19700
200		5500	12450	21500
225		5950	13600	23600
250		6500	14800	
300	4000	7100	17100	
350	4700	8200	19450	
400	5300	9400	21500	
450	6450	10400	23550	
500	7000	11400		

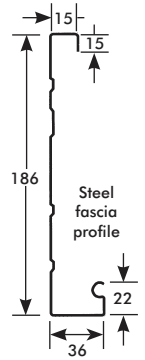
Table 3.1.J Effective Cross-sectional area of Eaves Gutter for Gradients Flatter than 1:500

Note: Values for tables 3.1.I and 3.1.J were determined from Figure 3.5(B) AS /NZS 3500.3:2003

Steel Fascia System and Accessories

Fielders ZINCALUME® and COLORBOND® Steel Fascia system offers the new home builder an easily installed maintenance free fascia at a fraction of the cost of timber.





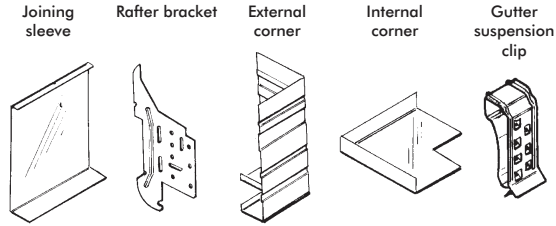
Joining sleeve

Rafter bracket

External corner

Internal corner

Gutter suspension clip



FASCIA COVERING fits easily over old timber or asbestos fascia, lasts for years

- No maintenance • No painting • Full COLORBOND® range
- Screw or nail into place. Install guttering with straps as shown.
- Rollform Ribs For Greater Strength

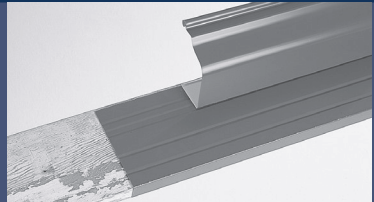


Table 3.1.K Steel Fascia System and Accessories:

Guttering and Fascia Accessories

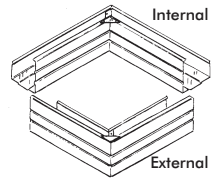
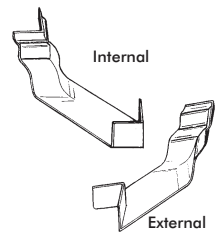
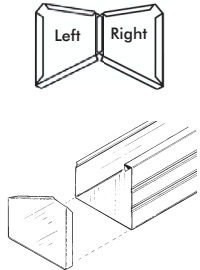
Pre-made COLORBOND®, Galvanised or ZINCALUME® Mitres	Easyfix Pre-moulded Mitres (Plain or Pre-painted)	Gutter Stop Ends (ZINCALUME®, Galvanised or COLORBOND® Finish)	Downpipe Standard Sizes	
Available to suit: Fascia, D, O.G., 150mm Half Round and Halfline Gutter.	Available to suit: O.G., 150mm Half Round and Halfline Gutter.	Available to suit: Fascia, D, O.G., 150mm Half Round and Halfline Gutter.	Square (1800 lengths)	Round (1800 lengths)
			50mm x 50mm 75mm x 50mm 75mm x 75mm 100mm x 50mm 100mm x 75mm 100mm x 100mm 125mm x 100mm 150mm x 100mm	50mm 65mm 75mm 90mm 100mm 125mm 150mm

Table 3.1.L Guttering and Fascia Accessories

Downpipe Accessories

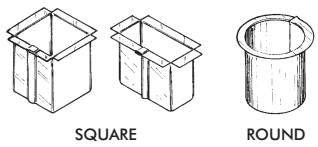
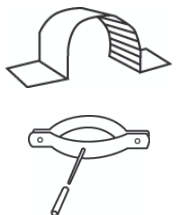
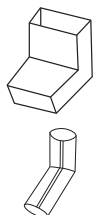
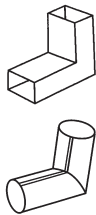
OUTLETS	STRAPS	ELBOWS	SHOES
 <p style="font-size: small;">SQUARE ROUND</p>			

Table 3.1.M Downpipe Accessories