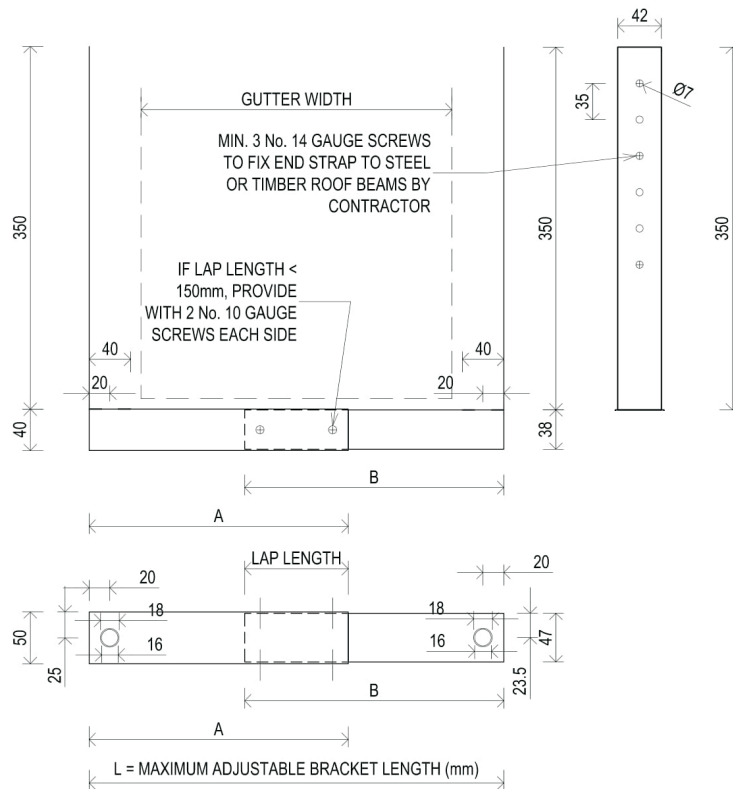


Scale From The Drawing At Own Risk. If In Doubt, Ask.



TYPE 01 - ADJUSTABLE BRACKET DETAIL. 1:5

NOTE:

- MINIMUM LAP LENGTH SHALL BE 30% BRACKET LENGTH.
- ALL SCREWS AND STEEL WORK SHALL BE GALVANIZED OR EQUIVALENT.

Bracket Size	Length A (mm)	Length B (mm)	Zincalume Steel	
			Min. Thickness (mm)	Min. Yield Strength (Mpa)
1	250	250	0.8	350
2	400	400	0.8	350
3	650	650	0.8	350

COMPUTATIONS

Gutter Size Width(mm) x Depth (mm)	Bracket Size	L = Maximum Adjustable Bracket Length (mm)	Length A (mm)	Length B (mm)	Bracket Spacing (mm)	Screws Fixed at Each End Strap	Lap Length = Min. 30% Bracket Length	Screws Fixed at Over Lap (if Lap length is less than 150mm)	People Load (*)
300x300	1	350	250	250	900	3 No. 14 Gauge	150		N/A
300x300	2	550	400	400	900	3 No. 14 Gauge	250		N/A
300x300	2	600	400	400	600	3 No. 14 Gauge	200		N/A
300x300	3	800	650	650	600	3 No. 14 Gauge	500		N/A
300x300	3	1000	650	650	450	3 No. 14 Gauge	300		N/A
450x300	2	600	400	400	600	3 No. 14 Gauge	200		N/A
450x300	3	750	650	650	450	3 No. 14 Gauge	550		N/A
600x300	2	600	400	400	450	3 No. 14 Gauge	200		N/A
1000x300	3	1000	650	650	275	3 No. 14 Gauge	300		N/A
1000x250	3	1000	650	650	325	3 No. 14 Gauge	300		N/A
1000x200	3	1000	650	650	400	3 No. 14 Gauge	300		N/A
1000x175	3	1000	650	650	450	3 No. 14 Gauge	300		N/A

(*) Note:

- Brackets are designed for NON TRAFFICABLE roof areas with maximum concentrated load of 1.1kN (110kg) to AS2179.1. For trafficable roof areas, the contractor shall contact the engineer for further check and advice.
- Screws can be loosened and steel and timber work can be rusted or rotten so people shall not stand on brackets and gutter without temporary supports and props. If in doubt, contact the engineer immediately.
- Lap length shall be at least 30% of the bracket length. If lap length is less than 150mm, provide 4 No. 10 gauge screws.
- All screws and steel worked shall be galvanized.

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Note: Compliance report with a signed engineers certificate will be provided with the brackets