



CERTIFICATE OF COMPLIANCE
APEX OGEE GUTTER

Date: March 11, 2020

Certificate no: FAC-929 Rev. 1

Description of items certified: Apex OGEE Gutter

Specifications of items certified: As per drawing no. FA-APEX-929 Rev. 1

Aspects of gutter certified: Effective cross section area, nominal flow capacity and back gap overflow capacities as shown in drawing number FA-APEX-929 Rev. 1

BASIS OF CERTIFICATION

The following documents were referred to in making this certification:

- a. NCC2019 Volumes 2 and 3
- b. AS/NZS2179.1:2014
- c. AS/NZS 3500.3:2018

CERTIFICATION

I certify that the:

- a. Effective cross-section area
- b. Nominal flow capacity; and
- c. Back gap overflow capacities

of the gutter shown in drawing number FA-APEX-929 Rev. 1, comply with the requirements of the Codes and Standards listed above.

CONDITIONS OF CERTIFICATION

The conditions of certification are as follows:

- a. Gutter slope = 1:500 (or steeper)
- b. Minimum vertical distance from top of fascia to top edge of gutter back = 10mm
- c. Gutter should be installed in accordance with NCC2019 requirements



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TABLE 1: BACK GAP OVERFLOW CAPACITY AND MAXIMUM RIDGE TO GUTTER LENGTH VS AVERAGE BOTTOM BACK GAP (SEE NOTE 4)

Average Bottom Back Gap (mm)	Back Gap Overflow Capacity (L/s/m)	Maximum Ridge to Gutter Length (m)					
		Geelong (144 mm/hr) Hastings (145 mm/hr) Sorrento (140 mm/hr)	Horsham (173 mm/hr)	Ballarat (188 mm/hr) Melbourne (187 mm/hr) Stawell (186 mm/hr)	Benalla (194 mm/hr)	Lakes Entrance (198mm/hr)	Mildura (218 mm/hr)
1.50	1.20	30	25	23	22	22	20
1.55	1.21	30	25	23	22	22	20
1.60	1.21	30	25	23	23	22	20
1.65	1.22	30	25	23	23	22	20
1.70	1.23	30	26	23	23	22	20
1.75	1.23	31	26	24	23	22	20
1.80	1.24	31	26	24	23	23	20
1.85	1.25	31	26	24	23	23	21
1.90	1.25	31	26	24	23	23	21
1.95	1.26	31	26	24	23	23	21
2.00	1.27	31	26	24	24	23	21

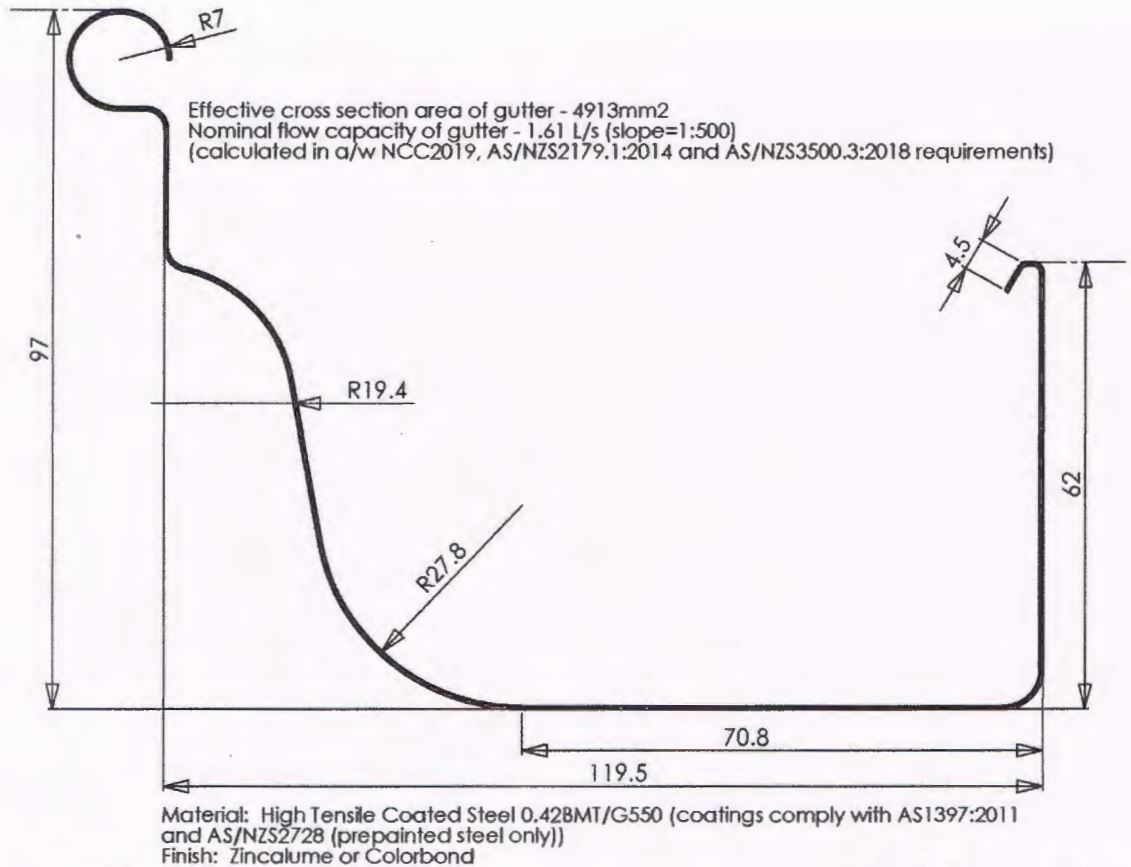


FIGURE 1. OGEE GUTTER - PROFILE

Notes:

- Table 1 is valid for the following conditions
 - Eaves gutter system must be designed and installed in accordance with AS/NZS 3500.3.
 - Maximum spacing of gutter clips is 1200mm
 - Maximum back gap spacer width is 50mm
 - Minimum vertical distance from top of fascia to top of gutter back = 10mm
 - Gutter slope = 1:500 or steeper
 - Roof membranes must be trimmed or terminated above the gutter back
- ARIs in brackets are for 1 in 100 years
- Interpolation is permitted for intermediate values of average bottom back gaps
- Average bottom back gap is to be measured with the gutter full.
- Apex is responsible for supplying back gap spacer kit and instructions on how to achieve the required back gap.

MJF 10/3/20

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CLIENT: APEX (VICTORIA) PTY LTD
OGEE GUTTER - PROFILE & HYDRAULIC CAPACITIES
FA-APEX-929 Rev. 1 DATE: 10/03/20