

Fernandes & Associates

Consulting Engineers - Mechanical, Hydraulics & Structural

CERTIFICATE OF COMPLIANCE

IBE Quad 115 High Front Gutter

Certificate no: FAC-1126 Rev. 1

Date: September 17, 2024

Description of items certified: IBE Quad 115 High Front Gutter.

Specifications of items certified: As per drawing no. FA-IBE-1126 Rev. 1.

Aspects of gutter certified: Effective cross section areas, nominal gutter flow capacities and continuous front

slot overflow capacity.

BASIS OF CERTIFICATION

The following documents were referred to in making this certification:

- a. NCC2022 Volumes 2 and 3
- b. AS/NZS 3500.3:2021

CERTIFICATION

I certify that the:

- a. Effective cross-section areas
- b. Nominal gutter flow capacities; and
- c. Continuous front slot overflow capacity

specified in drawing FA-IBE-1126, have been obtained using methods and principles which comply with the requirements the Australian Codes and Standards listed above.

sales@fernandes.net.au

Email:

CONDITIONS OF CERTIFICATION

The conditions of certification are as follows:

- a. Gutter slope = 1:500 (or steeper)
- b. Gutters shall be installed in accordance with NCC requirements.

Milton Fernandes

FIEAust CPEng NER APEC Engineer IntPE(Aus) RPEQ4112 PE0000457(Vic)

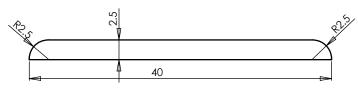
Chartered Professional Engineer

Principal Engineer

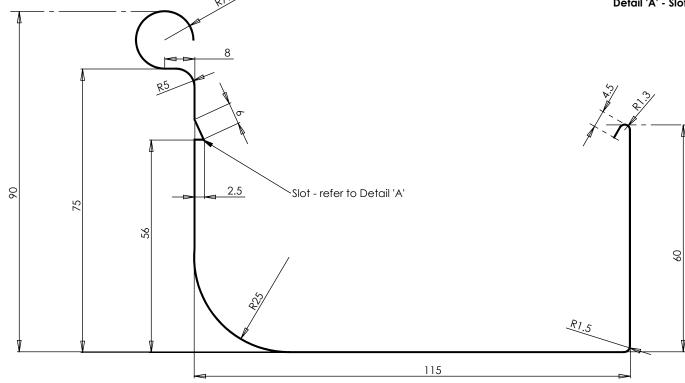
milton@fernandes.net.au Mobile: 0411 760 565

Slots	Effective Cross Section Area (mm2)	Nominal flow capacity of gutter (L/s)	Front slot overflow capacity (L/s/m) NA		
No Slots	5615	1.53			
With slots	5155	1.46	0.39		

Note: Nominal flow and overflow capacities are calculated with gutter slope=1:500



No. of slots per lineal meter of gutter = 10 Slot area = 97mm2/slot = 970m2/meter of gutter **Detail 'A' - Slot details**



Approved: Milton Fernandes

FIEAust CPEng NER APEC Engineer IntPE(Aus) RPEQ4112 PE0000457

(Principal Engineer) for/and on behalf of Fernandes & Associates Pty Ltd

MIT

Material: 0.42mm B.M.T G550 Steel Finish: ZINCALUME OR COLORBOND

Scale: N.T.S. DO NOT SCALE DRAWING

					CLIENT: IBE METAL FASCIA & GUTTERING			IBE QUAD 115 HIGH FRONT GUTTER			
						CONSULTING ENGINEERS: Fernandes & Associates P/L	Gutter profile and front slot details				
1	New drawing	MJF	MJF	16/09/2024	4 ABN 56 059 624 565 (No		(Nominal dimensions				
Rev.	Description	DRAWN	APPVD	DATE		2/141 Campbell St. BOWEN HILLS QLD 4006 Tel: (07) 3852 1371	SIZE	DWG. NO. FA-IBE-1126	Sheet 1	REV. 1	