



GUTTER OVERFLOW PROVISIONS

It is important when designing a roof drainage system that appropriate overflow measures are considered in order to ensure water does not flow back into the building. This is particularly important for the most commonly used eaves gutters which are high fronted and designed to hide the lower edge of the roof tiles or cladding. This often results in the front edge of the gutter sitting at or above the top of the fascia level.

This document has been developed by Stratco for compliance with the current version (NCC 2019) of the Building Code of Australia (BCA) - Volume 2 which requires that adequate overflow measures are applied. This requirement ensures overflow resulting from rainfall calculated at a 5 minute rainfall intensity duration, for a 100 year average recurrence interval (refer Table 1.0), is diverted away from the building. Information taken from the NCC 2019 BCA - Volume 2 has been included (Table 2.0) to allow the appropriate overflow volumes to be calculated in order to apply a selection of acceptable overflow measures. These measures may be applied individually or in combination to achieve the required overflow capacity.

RESPONSIBILITY OF THE DESIGNER

It is the responsibility of the designer of the rainwater goods system (who may be the architect, builder, hydraulic engineer, home owner, roofing or guttering contractor) to design a rainwater system which allows adequate drainage to occur.

The design and installation of guttering and downpipe systems needs to comply with the Building Code of Australia and Australian Standards AS/NZS 3500.3 Plumbing and Drainage, Stormwater Drainage.

RESPONSIBILITY OF THE INSTALLER

It is the responsibility of the installer to ensure that the project is installed as required by the rainwater goods designer. Adequate fall towards the downpipes must be given to gutters (a minimum of 1 in 500 for eaves gutters and 1 in 200 for internal gutters).

The installer must ensure that the correct number of downpipes of sufficient size are installed, that they are clear of debris and able to discharge correctly.

MAINTENANCE

Regular maintenance is essential to maintain the good looks of all Stratco steel products and to ensure you receive the maximum life-span possible in your area. Gutter systems must be regularly cleaned to prevent the build up of leaf debris, fungus or any other material that could prevent the free drainage of water from the roof and gutter system.

Refer to the Stratco 'Selection, Use and Maintenance' brochure for further information.

CONTINUOUS OVERFLOW FASCIA

PRODUCT INFORMATION GUIDE

CONTINUOUS OVERFLOW FASCIA

Clean, simple, modern details combine with functionality in the attractive Continuous Overflow Fascia. Ideal for use on modern and classic homes, the Continuous Overflow Fascia is stylish and easy to install.

TABLE 1.0 - DESIGN RAINFALL INTENSITIES (mm/h)

AVERAGE RECURRENCE & MAXIMUM ALLOWABLE RIDGE TO GUTTER LENGTH. ONCE IN 100 YEARS (EAVES GUTTER OVERFLOW MEASURES).

LOCATION	5 MINUTE DURATION RAINFALL INTENSITY (mm/h)	MAXIMUM RIDGE TO GUTTER LENGTH (m)	LOCATION	5 MINUTE DURATION RAINFALL INTENSITY (mm/h)	MAXIMUM RIDGE TO GUTTER LENGTH (m)
QUEENSLAND			NEW SOUTH WALES		
Bamaga	298	12.1	Albury	180	20.0
Brisbane	305	11.8	Broken Hill	219	16.4
Ipswich	278	12.9	Goulburn	156	23.1
Victoria Point	320	11.3	Kiama	319	11.3
Bundaberg	340	10.6	Newcastle	316	11.4
Cairns	278	12.9	Orange	186	19.4
Cloncurry	278	12.9	Sydney	262	13.7
Innisfail	301	12.0	Avalon	278	12.9
Mackay	316	11.4	Campbelltown	222	16.2
Mt Isa	260	13.8	Penrith	244	14.8
Noosa Heads	331	10.9	Windsor	233	15.5
Rockhampton	300	12.0	Tweed Heads	330	10.9
Toowoomba	268	13.4	Wollongong	308	11.7
Townsville	300	12.0	VICTORIA		
Weipa	283	12.7	Ballarat	188	19.1
SOUTH AUSTRALIA			Benalla	194	18.6
Adelaide	184	19.6	Geelong	144	25.0
Gawler	158	22.8	Horsham	173	20.8
Mt Gambier	144	25.0	Lakes Extrace	198	18.2
Murray Bridge	178	20.2	Melbourne	187	19.3
Port Augusta	199	18.1	Hastings	145	24.8
Port Pirie	181	19.9	Sorrento	140	25.7
Yorke town	166	21.7	Mildura	218	16.5
AUSTRALIAN CAPITAL TERRITORY			Stawell	186	19.4
Canberra	193	18.7	TASMANIA		
Gungahlin	179	20.1	Burnie	180	20.0
Tuggeranong	210	17.1	Flinders Island	166	21.7
NORTHERN TERRITORY			Hobart	116	31.0
Alice Springs	239	13.1	Launceston	121	29.8
Darwin	274	15.1	Queenstown	120	30.0
Katherine	250	14.4	St. Mary's	203	17.7

NOTE:

- Data obtained from NCC 2019 BCA-Volume 2.
- Data for any locality in Australia is available from the Bureau of Meteorology.
- All gutters and outlets need to be regularly inspected and maintained to avoid blockages.

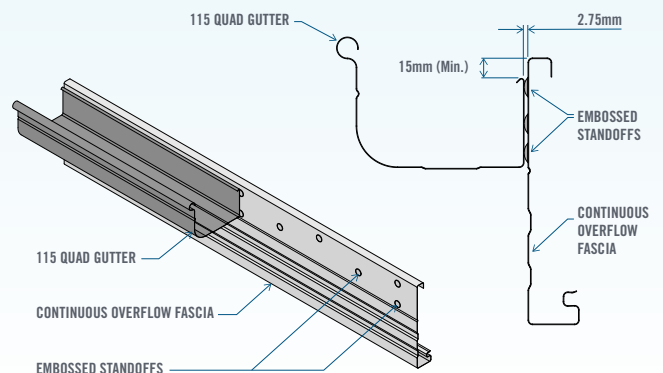
CONSISTENT QUALITY

Unlike timber, you will not experience warping, bowing, knots or cracking. Instead you will receive a consistent, trouble free and easy to maintain, steel product.

The Continuous Overflow Fascia has been designed and tested to comply with the relevant Australian Standards.

SIMPLE INSTALLATION

Installing Continuous Overflow Fascia on a new or existing home is easy because the fascia system is compatible with normal building construction. The Continuous Fascia system uses a standard Rafter Bracket which has been specially designed for a quick construction and to eliminate damage to fascia.



CONTINUOUS OVERFLOW SOLUTION

The perfect solution to create a consistent gap between the gutter and fascia, 2.75mm embossed standoffs allow water to escape through the gap rather than entering the building.

When used with compatible Stratco gutters (see Table 2.0), the Continuous Overflow Fascia offers a continuous overflow capacity of up to **1.0L/s/m**.

TABLE 2.0 - COMPATIBLE STRATCO GUTTERS

The gutters listed below are compatible with the Continuous Overflow Fascia and provide the stated overflow capacity of **1.0L/s/m** at the maximum ridge to gutter lengths specified in Table 1.0.

Quad 115	Quad 175 (Qld)
Quad 125 (NSW)	Edge 160
Quad 125 (SA, NT)	OG Gutter 125 Ribbed
Quad 125 Slotted (Qld)	VFM Slotted
Quad 150 (Qld)	Smoothline

*2.75mm gap tested to stated overflow capacity at Stratco Testing Facility, Gepps Cross, South Australia. Overflow capacity based on internal gutter strap and suspension clip spacing of 1200mm.



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