

Graptor achieves overflow requirements as outlined in the NCC 2019 Building Code of Australia.

**Table a. Acceptable continuous overflow measure**

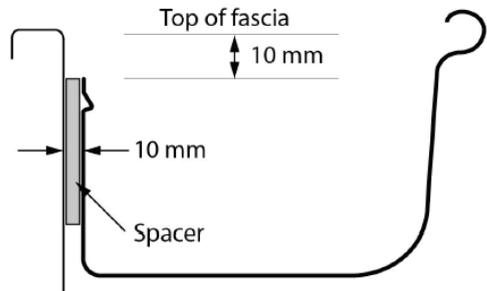
Description	Overflow Capacity (L/s/m)	Construction
<p><b>Controlled back gap</b> with—</p> <p>(a) a permanent minimum 10 mm spacer installed between the gutter back and the fascia; and</p> <p>(b) one spacer per bracket, with the spacer not more than 50 mm wide; and</p> <p>(c) the back of the gutter installed a minimum of 10 mm below the top of the fascia.</p>	1.5	 <p>The diagram illustrates a cross-section of a gutter installation. A vertical gutter back is shown on the left, and a fascia board is on the right. A horizontal spacer is placed between the gutter back and the fascia. A double-headed arrow indicates the width of the spacer is 10 mm. Another double-headed arrow indicates the vertical distance from the top of the fascia to the top of the gutter back is 10 mm. The gutter is shown with a curved bottom and a hook on the right side.</p>

Table 3.5.2.1 RAINFALL DURATION INTENSITIES  
Taken from the NCC 2019 Building Code of Australia

Locality	5 minute duration rainfall intensity (mm/h)	
	<i>Average recurrence interval, once in—</i>	
	20 years	100 years
<b>ACT</b>		
Canberra	143	193
Gungahlin	137	179
Tuggeranong	148	210

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Locality	5 minute duration rainfall intensity (mm/h)	
	<i>Average recurrence interval, once in—</i>	
	20 years	100 years
<b>NT</b>		
Alice Springs	166	239
Darwin	233	274
Katherine	216	250

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Locality	5 minute duration rainfall intensity (mm/h)	
	<i>Average recurrence interval, once in—</i>	
	20 years	100 years
<b>NSW</b>		
Albury	139	180
Broken Hill	143	219
Goulburn	121	156
Kiama	226	319
Newcastle	226	316
Orange	142	186
Sydney	200	262
Avalon	206	278
Campbelltown	167	222
Penrith	180	244
Windsor	175	233
Tweed Heads	252	330
Wollongong	217	308

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Locality	5 minute duration rainfall intensity (mm/h)	
	Average recurrence interval, once in—	
	20 years	100 years
<b>QLD</b>		
Bamaga	252	298
Brisbane	234	305
Ipswich	211	278
Victoria Point	245	320
Bundaberg	265	340
Cairns	229	278
Cloncurry	218	278
Innisfail	248	301
Mackay	250	316
Mt Isa	199	260
Noosa Heads	258	331
Rockhampton	229	300
Toowoomba	203	268
Townsville	235	300
Weipa	239	283

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Locality	5 minute duration rainfall intensity (mm/h)	
	Average recurrence interval, once in—	
	20 years	100 years
<b>SA</b>		
Adelaide	124	184
Gawler	110	158
Mt Gambier	103	144
Murray Bridge	120	178
Port Augusta	133	199
Port Pirie	122	181
Yorke town	155	166

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	Average recurrence interval, once in—	
	20 years	100 years
<b>VIC</b>		
Ballarat	131	188
Benalla	146	194
Geelong	102	144
Horsham	120	173
Lakes Entrance	145	198
Melbourne	132	187
Hastings	117	145
Sorrento	106	140
Mildura	142	218
Stawell	130	186

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Locality	5 minute duration rainfall intensity (mm/h)	
	Average recurrence interval, once in—	
	20 years	100 years
<b>TAS</b>		
Burnie	128	180
Flinders Island	122	166
Hobart	85	116
Launceston	90	121
Queenstown	94	120
St. Marys	146	203