

7.4.2 Materials

 $Q = Flow rate (m^3/s)$

[2019: 3.5.3.2]

Gutters, downpipes and flashings must-

- (a) be manufactured in accordance with AS/NZS 2179.1 for metal components; and
- (b) be manufactured in accordance with AS 1273 for UPVC components; and
- (c) be compatible with all upstream roofing materials in accordance with 7.2.2(2); and
- (d) not contain any lead if used on a roof forming part of a *drinking water* catchment area.

7.4.3 Selection of guttering

[2019: 3.5.3.3]

The size of guttering must—

- (a) for eaves gutters, be in accordance with Table 7.4.3a, Table 7.4.3b and Table 7.4.3c; and
- (b) be suitable to remove rainwater falling at the appropriate 5 minute duration rainfall intensity listed in Table 7.4.3d as follows—
 - (i) for eaves gutters 5% annual exceedance probability; and
 - (ii) for eaves gutter overflow measures 1% annual exceedance probability.

Table 7.4.3a: Size of gutter required to drain roof catchment area into one (1) downpipe for various rainfall intensities and roof catchment areas (A, B, C, D, E and F defined in Table 7.4.3b)

Design rainfall	Roof catchment				
intensity (mm/h)	area per				
(as per Table 7.4.3d)	downpipe — 30 m ²	downpipe — 40 m ²	downpipe — 50 m ²	downpipe — 60 m ²	downpipe — 70 m ²
90 mm/h	A or C				