

Part 7.3 Roof tiles and shingles

7.3.1 Application

[New for 2022]

- (1) Part 7.3 applies subject to the limitations set out in H1D7.
- (2) Part 7.3 need not be complied with if H1D7(3)(a) or (b) are complied with.

Explanatory Information: Design wind speeds

Information on *design wind speeds* for particular areas may be available from the *appropriate authority*. Also see the table associated with the definition of '*design wind speed*' for wind classes. A map indicating wind regions of Australia is contained in Part 2.2.

Explanatory Information: Other relevant roof tile requirements

In addition to the requirements of this Part, requirements for roof tiles also exist in NCC Volume Two and other Parts of the ABCB Housing Provisions. They include the following:

- For the sizing and fixing of roof battens - NCC Volume Two H1D6(3) (steel battens) and H1D6(4) (timber battens).
- For sheet roofing over a *separating wall* - ABCB Housing Provisions Part 9.3.
- For gutters and downpipes - ABCB Housing Provisions Part 7.4.

7.3.2 Fixing of roof tiles and ancillaries

[2019: 3.5.2.2]

- (1) Roof tiles and hip, ridge, barge and capping tiles must be fixed in accordance with Table 7.3.2 and Figure 7.3.2a, Figure 7.3.2b, Figure 7.3.2c, Figure 7.3.2d and Figure 7.3.2e.
- (2) Fixing *required* by Table 7.3.2 must consist of one or a combination of the following:
 - (a) Galvanized clout nails with a minimum diameter of 2.8 mm and of a length so that the nail will penetrate not less than 15 mm into the batten.
 - (b) Self embedding head screws of 8-18 gauge and of a length so that the screw will penetrate not less than 15 mm into the batten.
 - (c) Purpose made clips of non-ferrous metal, stainless steel or steel protected from corrosion in accordance with Tables 7.2.2b, 7.2.2c and 7.2.2d.
 - (d) Flexible pointing material complying with AS 2050.

Table 7.3.2: Minimum fixing requirements

Wind class	Tile fixing - edge of roof	Tile fixing - field of roof	Ridge, hip, barge and valley tiles including capping (see Figure 7.3.2d and 7.3.2e)
N1 and N2	Fix every full tile in second course in from the edge of roof.	In field of roof fix every second tile in every course, or every tile in each alternative course. (see Figure 7.3.2b)	Fix each tile
N3	Fix each full tile in every second course starting from the second course in (see Figure 7.3.2c)	Fix every second full tile in every course (see Figure 7.3.2c)	Fix each tile