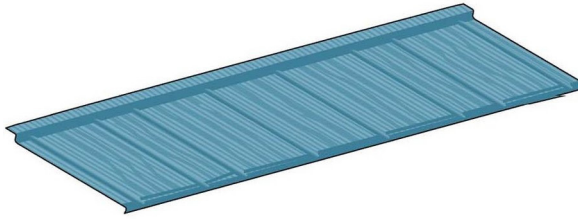


7.3 Specific Installation Instructions - Corona Shake

Corona Shake



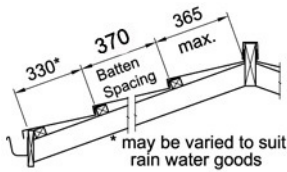
Dimensions and weights given are nominal

Overall Length	1310 mm
Length of Cover	1250 mm
Width of Cover	370 mm
Up stand	27 mm
Roof cover/Tile	0.46 m ²
Coverage	2.2 tile /m ²
Weight/unit	Textured 3 kg
	Satin 2.1 kg

Roof Pitch

Roof pitch 15° to 90°.

Batten Spacing



Corona Shake Textured (chipped)	370 mm
Corona Shake Satin (painted)	371 mm

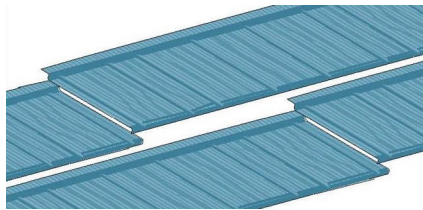
Tile Batten Sizes

40 x 50 mm on 900 mm spaced rafter
50 x 50 mm on 1200 mm spaced rafters

Tile Batten Fastening

Minimum 2 x 90 x 3.15 mm nails,
up to 3.8 kPa design load.

Laying Direction



Left over Right or Right over Left
Lay laps away from discharging rainwater pipes or roof valleys.
Lay laps away from line of sight.
Lay away from prevailing winds.

Laying Pattern

Stagger lay Corona Shake down the roof to create a random pattern. Laps of shake above or below should be not closer than 200 mm.

Shake Fastening

4 x 50 mm tile nails, up to 3.8 kPa design load.

Refer

Nail Spacing ~320 mm

Tile Installation – Nailing Position for Corona Shake

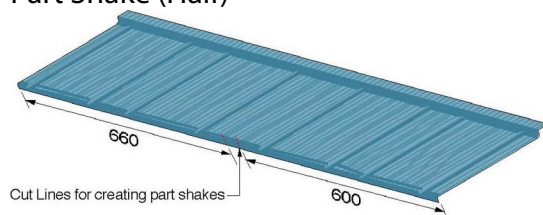
Low points on the profile have been included at ~32 mm spacing.

5 x 50 mm tile nails up to 5.2 kPa design load.

7 x 50 mm tile nails past 5.2 kPa design load.

Only use Tile Nails approved by AHI Roofing.

Part Shake (Half)



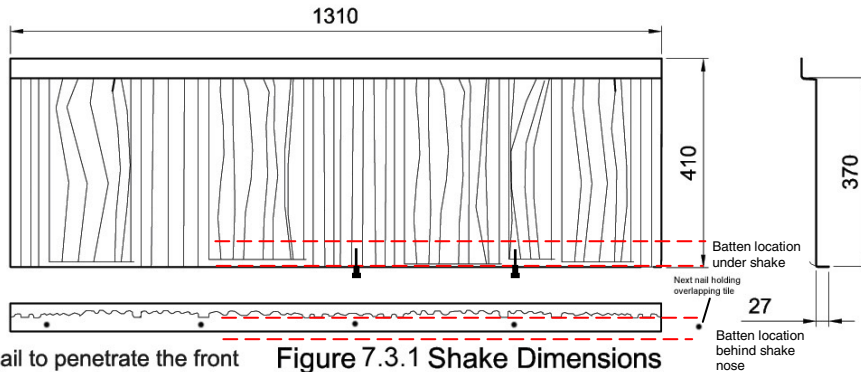
The centre section of a Corona Shake is profiled so that a half shake can be cut 660 mm from either end of the shake.

Tile Installation – Nailing Position for Corona Shake

AHI Roofing Limited
June 2008

Gerard Corona Shake

[All Dimensions Nominal]



Nail to penetrate the front face of the batten midway down the tile nose.

Figure 7.3.1 Shake Dimensions

NOT ACCEPTABLE

NAILING LOCATION

Figure 7.3.7

Shake are Stagger Laid

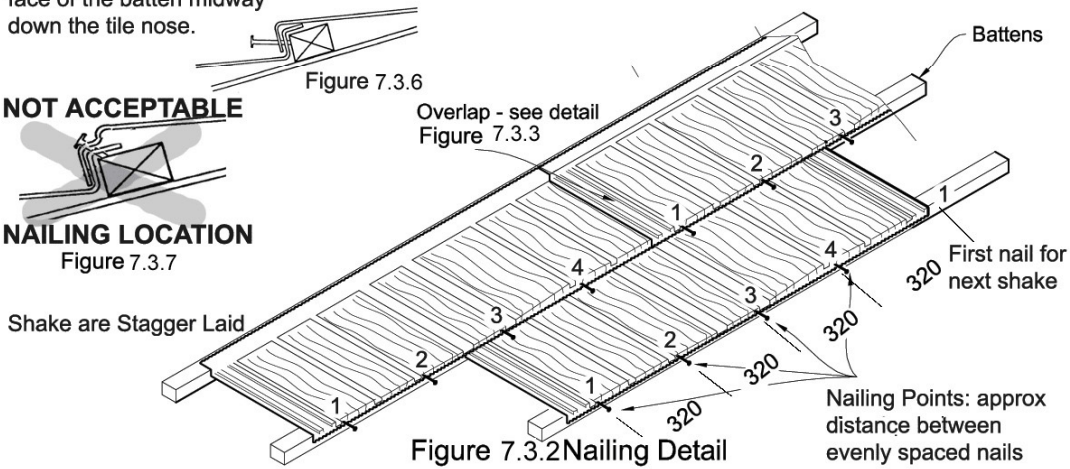


Figure 7.3.2 Nailing Detail

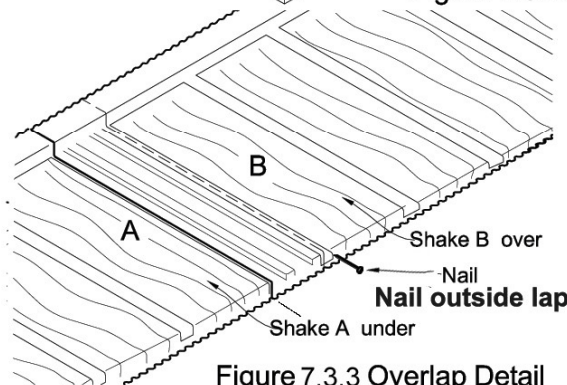


Figure 7.3.3 Overlap Detail

Note: Nail near overlap does not pass through both tiles. It is positioned alongside the edge of the tile underneath. **The nose of each tile is held down at 5 points. This comprises 4 nails as per the diagrams plus the nailed overlap tile.**

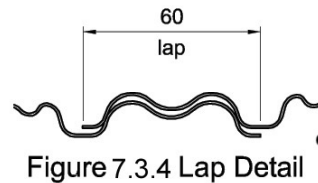


Figure 7.3.4 Lap Detail

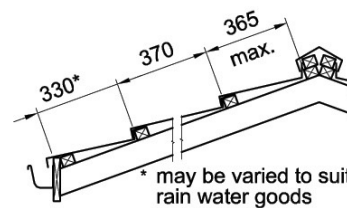


Figure 7.3.5 Batten Layout

Fastening Tiles in Cyclone Areas. Where a building has been designed outside the scope of NZS 3604 or tiles on buildings with a wind load design of above 3.6 kPa should be fastened at approx 160 mm spacing .

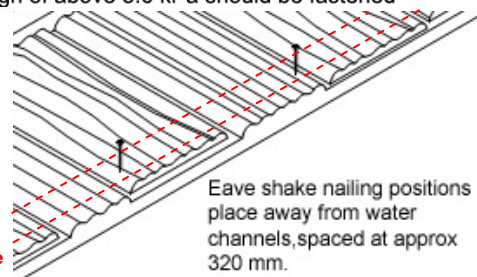


Figure 7.3.8 Eave Corona Shake



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