



# INSTALLATION MANUAL ADDENDUM

SUPPLEMENTARY INFORMATION FOR  
INSTALLATION IN AUSTRALIA



This installation guide outlines supplementary information on the recommended installation method for Gerard's product range in Australia and is designed to be used in conjunction with Gerard's installation manual suite. This document supersedes any conflicting information supplied in the installation manual suite.

Please note that local building codes may have additional requirements not outlined in this document and will supersede these installation recommendations.

To get the best performance from your roof we recommend referring to our Roof Maintenance Guide and Gerard Warranty documents.



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# PRODUCT SPECIFICATION

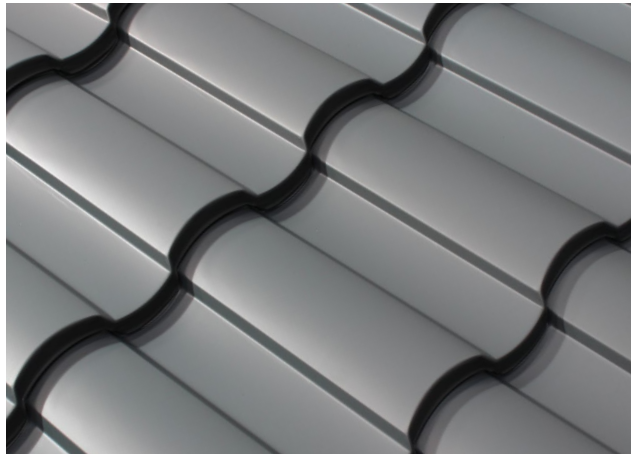
## AUSTRALIAN PROFILES

| Profile | Overall Length | Cover Length | Width | Cover Width | Roof cover per panel | Weight                      | Minimum Roof Pitch |
|---------|----------------|--------------|-------|-------------|----------------------|-----------------------------|--------------------|
| Tudor   | 1335mm         | 1265mm       | 415mm | 368mm       | 0.47m <sup>2</sup>   | 2.1kg satin<br>3kg textured | 12°                |
| Antica  | 1300mm         | 1220mm       | 428mm | 368mm       | 0.47 <sup>2</sup>    | 2kg satin<br>3kg textured   | 12°                |

### Tudor



### Antica



# PRODUCT SPECIFIC INSTALLATION - TUDOR ON TIMBER BATTENS

## Batten spacing

Tudor textured 368mm.

Tudor satin 370mm.

## Tile batten sizes

40x50mm on 900mm spaced rafter

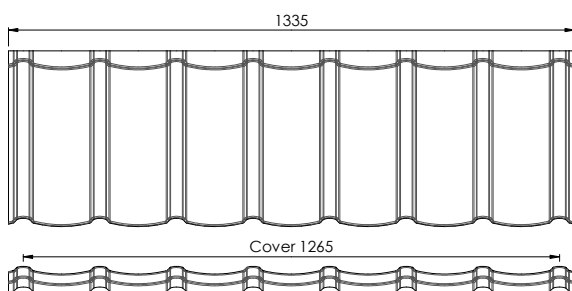
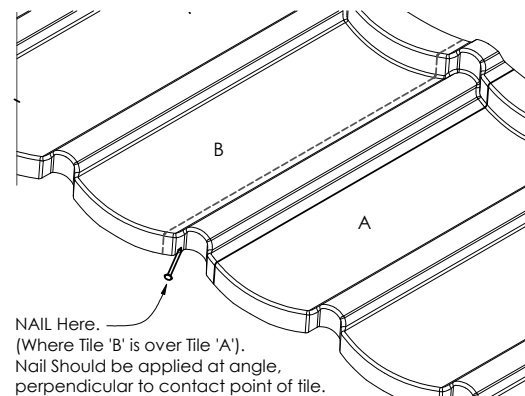
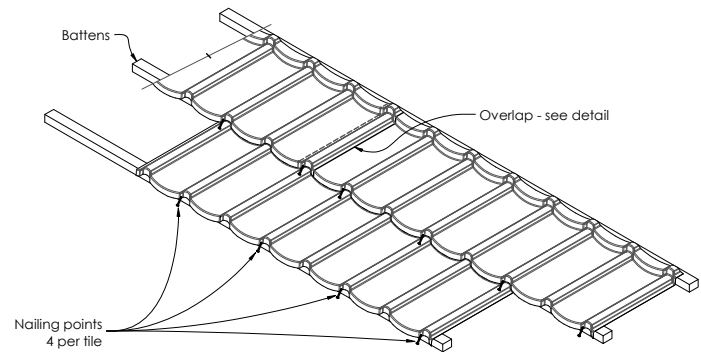
50x50mm on 1200mm spaced rafter

## Laying direction

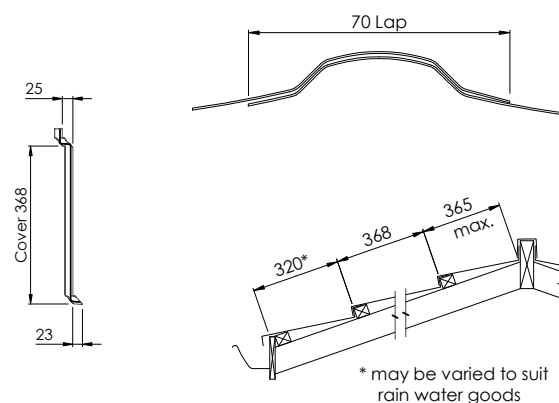
Left over right or right over left. Lay laps away from the line of sight. Lay away from prevailing winds. Lay laps away from discharging rainwater pipes or roof valleys.

## Laying pattern

Stagger lay tiles laps 2 or more modules apart down the roof.



Dimensions and weights given are nominal



# PRODUCT SPECIFIC INSTALLATION - ANTICA ON TIMBER BATTENS

## Batten spacing

Antica textured 368mm.

Antica satin 370mm.

## Tile batten sizes

40x50mm on 900mm spaced rafter

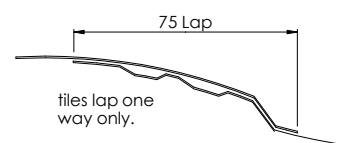
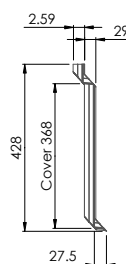
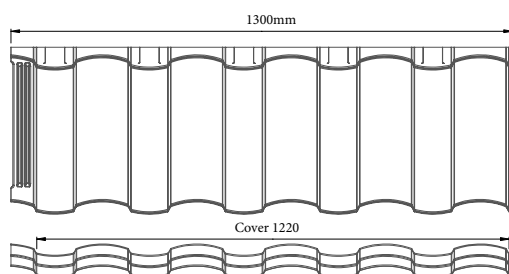
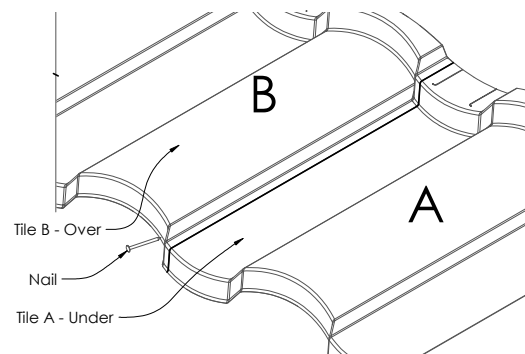
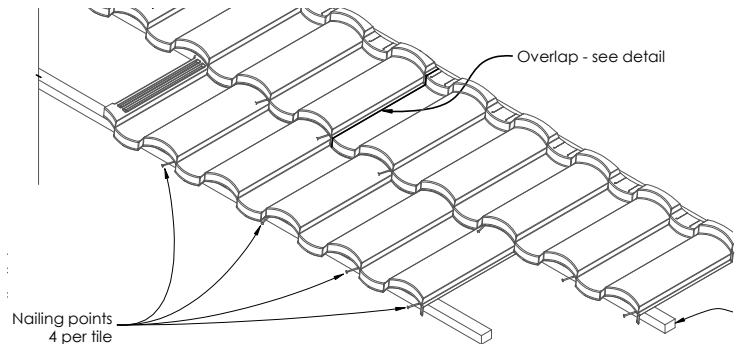
50x50mm on 1200mm spaced rafter

## Laying direction

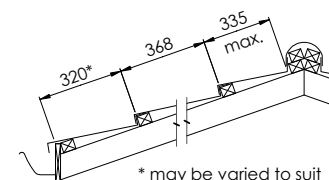
Left over right or right over left. Lay laps away from the line of sight. Lay away from prevailing winds. Lay laps away from discharging rainwater pipes or roof valleys.

## Laying pattern

Stagger lay tiles laps 2 or more modules apart down the roof.



Lap Section



Dimensions and weights given are nominal

# NON-CYCLONIC REGION INSTALLATION

## APPLICATION

Installation of Gerard roof tiles in non-cyclonic regions (wind regions A and B) are able to be installed using different fasteners depending on the building's Wind Class. This section outlines the fastening requirements for non-cyclonic regions.

## MINIMUM FASTENING REQUIREMENTS - WIND REGIONS A & B

| Profile                                       | Fastener Type                                                           | Quantity          | Wind Class                                                                                                          | Substrate (Minimum requirements)                                                         |
|-----------------------------------------------|-------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Shake<br>Milano<br>Senator                    | 50mm x 2.8mm galvanised nails                                           | 5 per tile        | Up to and including N3                                                                                              | 50x40mm Timber Battens                                                                   |
| Classic<br>Heritage<br>Rockport               |                                                                         | 7 per tile        | Up to and including N4                                                                                              | 50x40mm Timber Battens                                                                   |
| Antica<br>Tudor<br>Aspen<br>Alpine            | 10G x 40mm hot dip galvanised hex head steel screws                     | 5 per tile        | Up to and including N6                                                                                              | 50x40mm F5 graded seasoned softwood timber battens                                       |
|                                               | Batten Fasteners: 14G x 90mm Type 17 bugle head batten screw**          | 1 per rafter      | **Note, recommended Batten Fasteners suitable to up N4. Above N4, load requirements to be calculated per AS 1684.2  |                                                                                          |
|                                               | 9G x 40mm hot dip galvanised hex head steel screws                      | 4 per tile        | Up to and including N3                                                                                              | 0.55mm G550 Steel Battens                                                                |
| Calibre<br>CF Shake<br>CF Shingle<br>CF Slate | 9G x 40mm hot dip galvanised hex head steel screws                      | 5 per tile        | Up to and including N4                                                                                              | 15mm F11 grade structural plywood or 50x40mm Timber Battens*                             |
|                                               | 12G x 25mm hot dip galvanised hex head steel screws                     | 5 per tile        | Up to and including N6                                                                                              | 15mm F11 grade structural plywood or 50x40mm F5 graded seasoned softwood timber battens* |
|                                               | Plywood Fasteners: 10G x 50mm Countersunk self drilling timber screws** | at 200mm spacings | **Note, recommended Plywood Fasteners suitable to up N4. Above N4, load requirements to be calculated per AS 1684.2 |                                                                                          |

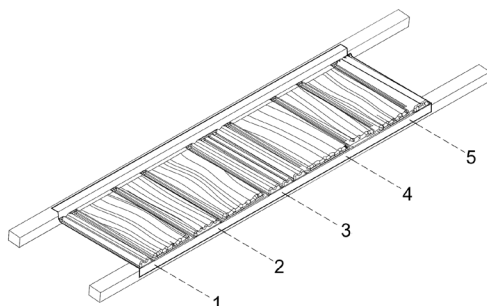
\*50x40mm Timber Battens suitable for CF Shake and CF Shingle only

\*\*Minimum fixing requirements per AS 1684.2.

## TILE FASTENER LAYOUT

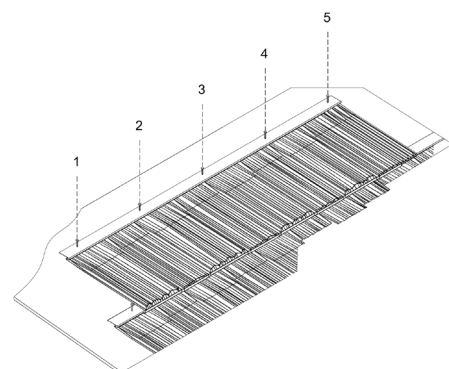
### Standard Fastening Profiles

Shake, Milano, Senator, Classic, Heritage, Rockport, Antica, Tudor, Aspen, Alpine



### Concealed Fastening Profiles

Calibre, CF Shake, CF Shingle, CF Slate



# CYCLONIC REGION INSTALLATION

## APPLICATION

Installation of Gerard roof tiles in cyclonic regions (wind regions C and D) requires an alternative fixing method. This section outlines the fastening requirements for cyclonic regions.

## MINIMUM FASTENING REQUIREMENTS - WIND REGIONS C & D

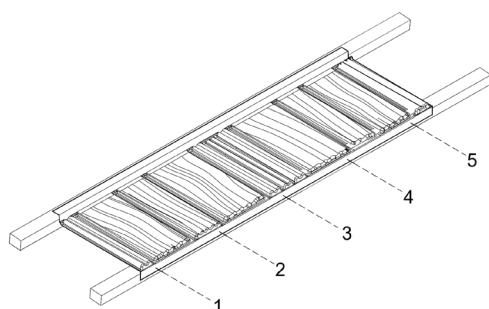
| Profile                                                                                             | Fastener Type                                                           | Quantity                                                              | Wind Class             | Substrate (Minimum requirements)                                         |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------|
| Shake<br>Milano<br>Senator<br>Classic<br>Heritage<br>Rockport<br>Antica<br>Tudor<br>Aspen<br>Alpine | Tile Fastening: 2.8 x 50mm galvanised nails                             | 8 nails horizontally through the nose + 4 vertically through the head | Up to and including C2 | 50x40mm F5 graded seasoned softwood timber battens at 900mm rafter spans |
|                                                                                                     | Additional Eaves Fastening: 12G x 50mm Type 17 hex head screw with seal | 8 vertically across the front of the first course at the eaves        |                        |                                                                          |
|                                                                                                     | Batten Fasteners: 14G x 100mm Type 17 bugle head batten screw*          | 1 per rafter                                                          |                        |                                                                          |
|                                                                                                     | Alternative Tile Fastening: 9G x 38mm hex head needlepoint screws       | 5 screws horizontally through the nose                                | Up to and including C2 | 50x40mm F5 graded seasoned softwood timber battens at 900mm rafter spans |
| Calibre<br>CF Shake<br>CF Shingle<br>CF Slate                                                       | Tile Fastening: 12G x 25mm hot dip galvanised hex head steel screws     | 6 per tile                                                            | Up to and including C2 | 15mm F11 grade structural plywood                                        |
|                                                                                                     | Plywood Fasteners: 10G x 50mm Countersunk self drilling timber screws*  | at 200mm spacings                                                     |                        |                                                                          |

\*Minimum fixing requirements per AS 1684.3

## TILE FASTENER LAYOUT

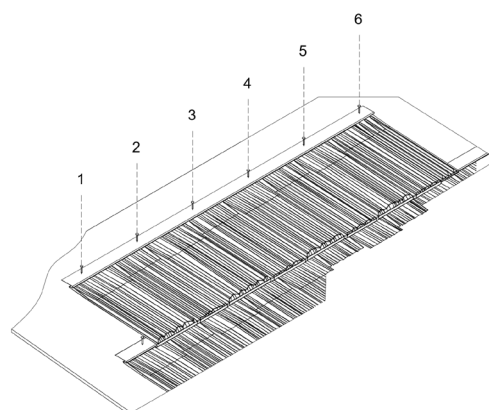
### Standard Fastening Profiles

Shake, Milano, Senator, Classic, Heritage, Rockport, Antica, Tudor, Aspen, Alpine



### Concealed Fastening Profiles

Calibre, CF Shake, CF Shingle, CF Slate



# TERMITE RISK MANAGEMENT

In areas where a termite risk management system is required, Gerard recommends the use of steel battens as a roofing substrate. Alternatively, timber battens treated in accordance with AS 3660.1 may be used. Battens must not be treated with copper.

# BUSHFIRE AREA INSTALLATION

In designated bushfire prone areas, a fire-rated roofing system must be used. Gerard roof tiles may make up part of this system as they are considered non-combustible.

## For Bushfire Attack Levels BAL-12.5, BAL-19, BAL-29, BAL-40

All roof/wall junctions and any gaps must be sealed to prevent openings greater than 3mm, either by the use of fascia and eaves linings or by sealing between the top of the wall and the underside of the roof and between the rafters at the line of the wall.

Roof ventilation openings need to be fitted with ember guards made of non-combustible material or a mesh or perforated sheet with a maximum aperture of 2mm, made of corrosion-resistant steel.

The roof must be fully sarked, covering the entire roof area including ridges and hips and extend into gutters and valleys.

See AS 3959 standard for specific design requirements.

## For Bushfire Attack Levels BAL-FZ

Roofing system design must comply with AS 1530.8.2 and AS 3959.



RoofTG Pacific Ltd accepts no liability if the Gerard roofing system is not used in accordance with the instructions contained in this publication.

Substitution of specified or recommended components with alternative brands can compromise performance. The Gerard system is not generic and must be installed as specified using Gerard branded components.

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