

Our Ref: 1418

28 November 2014

Chiko Solar Technology Co., Ltd
NO.878 Cheng Liu Rd.Jiading
District Shanghai, China

Array Frame Engineering Certificate (CK-FT-7R Rail)

Installation of flush mounted solar array frame on tin/tile Roof

Gamcorp (Melbourne) Pty Ltd, being Structural Engineers within the meaning of Australian Building Regulations, have carried out a structural design check of Chiko solar array frame to be installed flat on the roof within Australia. The design check has been based on the information provided by Shanghai Chiko Solar Technology Co., Ltd.

We find the installation of flush mounted solar array frame on tin/tile roof to be structurally sufficient for Australian use based on the following conditions:

- Wind Loads to AS/NZ 1170.2:2011 Admt 3-2012
- Wind Region A, B, C, D
- Wind Terrain Category 2 & 3
- Wind average recurrence interval of 200 years region A and B
- Wind average recurrence interval of 500 years region C and D
- Maximum Building height 20 m
- Maximum solar panel dimensions 1650×992 to be placed in portrait.
- The existing roof construction shall be verified to ensure its suitability to support the solar array frame.
- Each row of solar panels shall have minimum of two rows of railing fixed to the roof framing
- Solar panels to be certified separately
- Timber rafters to support frame to be joint J4, J3, J2 or J1

Refer to attached summary table for interface spacing.

Construction is to be carried out strictly in accordance with the manufacturers instructions. This work was designed in accordance with the provisions of Australian Building Regulations and in accordance with sound, widely accepted engineering principles.

Yours faithfully,
Gamcorp (Melbourne) Pty Ltd

A handwritten signature in blue ink, appearing to read 'Martin Gamble'.

Martin Gamble
Managing Director
MAICD

A handwritten signature in blue ink, appearing to read 'Milan Bjelobrk'.

Milan Bjelobrk
MIEAust, CPEng, NPER 2210984,
RPEQ 12090, RBP EC-38461, NT BPB 139671ES

Structural Design Documentation

Solar Roof Interface Spacing Tables **According to AS/NZS 1170.2-2011 Amdt 3-2012** **Within Australia** **Terrain Category 2**

For:

Chiko Solar



Job Number: 1418
Date: 28 November 2014

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ISO 9001:2008 Regis
Certificate N

Job No: 1418

Client: Chiko Solar

Project: SolarRoof Interface Spacing Table

Address: Within Australia

Australian Standards

AS 1170. 2011 – Structural Design Actions

Part 0 – General Principles

Part 1 – Permanent imposed and other actions

Part 2 – Wind Actions

AS 1664.1 – Aluminium structures - Limit state design

Wind Terrain Category: WTC2

Terrain category 2 (TC2) refers to open terrain, including grassland, with well-scattered .
obstructions having heights generally from 1.5 m to 5 m, with no more than two obstruction per
obstructions per hectare

Designed: B.C

Date: Nov-14

Client: **Chiko Solar**
 Project: **Solar Array Interface Spacing Table**
 Address: **Within Australia**
 Designed: **B.C**

Job: **1418**
 Date: **Nov-14**

Solar Array Interface Spacing Table for Tiled Roof

Type of Rail CK-FT-7R
 Type of Interface Roof Tile Hook
 Solar Panel Dimension 1650 x 992
 Terrain category **2**

Roof Angle (Φ) - $\Phi < 5^\circ$

| Wind Region | Building Height - H (m) | | | | | | | |
|-------------|-------------------------------------|-------------|------------|----------------|------------|----------------|------------|--|
| | Max wind Speed | H \leq 10 | | 10<H \leq 15 | | 15<H \leq 20 | | |
| | | D.W & U.W | Central | D.W & U.W | Central | D.W & U.W | Central | |
| A | 43m/s, 154.8 km/h, 96.1 mile/h | 794 | 977 | 716 | 880 | 675 | 829 | |
| B | 52 m/s, 190.8 km/h, 118.5 mile/h | 533 | 653 | 481 | 589 | 454 | 556 | |
| C | 69.3 m/s, 249 km/h, 154.3 mile/h | 295 | 360 | 267 | 325 | 252 | 307 | |
| D | 88.8 m/s, 319.68 km/h, 198.6 mile/h | 181 | 221 | 164 | 200 | 155 | 189 | |

Roof Angle (Φ) - $5^\circ \leq \Phi \leq 30$

| Wind Region | Building Height - H (m) | | | | | | | |
|-------------|-------------------------------------|-------------|-------------|----------------|-------------|----------------|------------|--|
| | Max wind Speed | H \leq 10 | | 10<H \leq 15 | | 15<H \leq 20 | | |
| | | D.W & U.W | Central | D.W & U.W | Central | D.W & U.W | Central | |
| A | 43m/s, 154.8 km/h, 96.1 mile/h | 794 | 1154 | 716 | 1038 | 675 | 977 | |
| B | 52 m/s, 190.8 km/h, 118.5 mile/h | 533 | 768 | 481 | 693 | 454 | 653 | |
| C | 69.3 m/s, 249 km/h, 154.3 mile/h | 295 | 421 | 267 | 381 | 252 | 360 | |
| D | 88.8 m/s, 319.68 km/h, 198.6 mile/h | 181 | 258 | 164 | 234 | 155 | 221 | |

Solar Array Interface spacing Table for Tin Roof

Type of Rail CK-FT-7R
 Type of Interface Tin Roof L Hook
 Solar Panel Dimension 1650 x 992
 Terrain category **2**

Roof Angle (Φ) - $\Phi < 5^\circ$

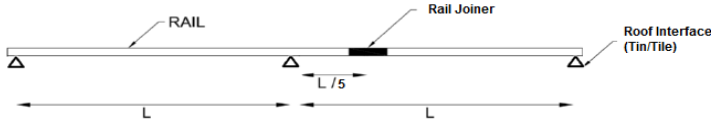
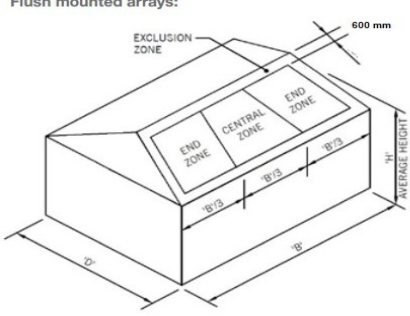
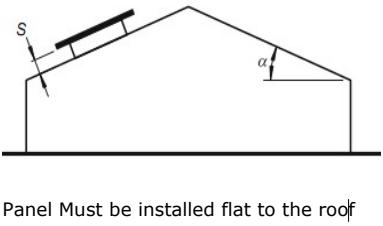
| Wind Region | Building Height - H (m) | | | | | | | |
|-------------|-------------------------------------|-------------|-------------|----------------|-------------|----------------|------------|--|
| | Max wind Speed | H \leq 10 | | 10<H \leq 15 | | 15<H \leq 20 | | |
| | | D.W & U.W | Central | D.W & U.W | Central | D.W & U.W | Central | |
| A | 43m/s, 154.8 km/h, 96.1 mile/h | 952 | 1170 | 859 | 1054 | 810 | 993 | |
| B | 52 m/s, 190.8 km/h, 118.5 mile/h | 642 | 786 | 580 | 710 | 547 | 669 | |
| C | 69.3 m/s, 249 km/h, 154.3 mile/h | 213 | 260 | 193 | 235 | 182 | 222 | |
| D | 88.8 m/s, 319.68 km/h, 198.6 mile/h | 131 | 160 | 119 | 144 | 112 | 136 | |

Roof Angle (Φ) - $5^\circ \leq \Phi \leq 30$

| Wind Region | Building Height - H (m) | | | | | | | |
|-------------|-------------------------------------|-------------|-------------|----------------|-------------|----------------|-------------|--|
| | Max wind Speed | H \leq 10 | | 10<H \leq 15 | | 15<H \leq 20 | | |
| | | D.W & U.W | Central | D.W & U.W | Central | D.W & U.W | Central | |
| A | 43m/s, 154.8 km/h, 96.1 mile/h | 952 | 1380 | 859 | 1243 | 810 | 1170 | |
| B | 52 m/s, 190.8 km/h, 118.5 mile/h | 642 | 925 | 580 | 834 | 547 | 786 | |
| C | 69.3 m/s, 249 km/h, 154.3 mile/h | 213 | 305 | 193 | 276 | 182 | 260 | |
| D | 88.8 m/s, 319.68 km/h, 198.6 mile/h | 131 | 187 | 119 | 169 | 112 | 160 | |

Client: **Chiko Solar**
 Project: **Solar Array Interface Spacing Table**
 Address: **Within Australia**
 Designed: **B.C**

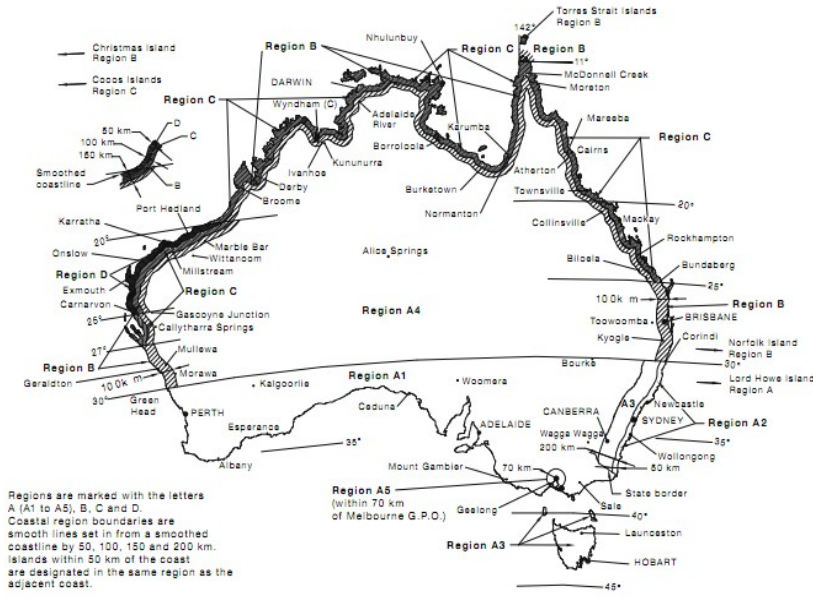
Job: **1418**
 Date: **Nov-14**

| General Notes | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------|-------------|-----------------------|------------------|------------------|-----------------------------------|-------------------------|------------------|--|------------------------------------|----------|----------------|-------------|----------|----------------|-----------|-----------|----------------------|-----------|-----------|----------------------|-----------------|--|-------------------|
| Note 1 | All holes must be pre drilled, with minimum screw embedment of 35 mm into timber. | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 2 | The width of Timber purlins shall not be less than 35mm | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 3 | <table border="1"> <thead> <tr> <th colspan="2">Recommended screws</th> </tr> <tr> <th>Metal Purlins/Battens</th> <th>Fasteners to use</th> </tr> </thead> <tbody> <tr> <td>1.2 mm and Above</td> <td>14g 10 TPI Tek's (Buildex screws)</td> </tr> <tr> <th>Wood purlins and Rafter</th> <th>Fasteners to use</th> </tr> <tr> <td>Pine and Hardwood (35mm embedment and above)</td> <td>14g 10 TPI (T17s) (Buildex screws)</td> </tr> </tbody> </table> | Recommended screws | | Metal Purlins/Battens | Fasteners to use | 1.2 mm and Above | 14g 10 TPI Tek's (Buildex screws) | Wood purlins and Rafter | Fasteners to use | Pine and Hardwood (35mm embedment and above) | 14g 10 TPI (T17s) (Buildex screws) | | | | | | | | | | | | | | |
| Recommended screws | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metal Purlins/Battens | Fasteners to use | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.2 mm and Above | 14g 10 TPI Tek's (Buildex screws) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wood purlins and Rafter | Fasteners to use | | | | | | | | | | | | | | | | | | | | | | | | |
| Pine and Hardwood (35mm embedment and above) | 14g 10 TPI (T17s) (Buildex screws) | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 4 | Roof Tile Hook must be fixed with minimum of three 14g 10 TPI Tek's (Buildex screws) | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 5 | <p>Following components are satisfied to use according to AS1170.2011</p> <table border="1"> <thead> <tr> <th>Components</th> <th>Part Number</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Tile Hook</td> <td>CK-FTH-01</td> <td>Tile Roof Interface</td> </tr> <tr> <td>Tin Roof L Hook</td> <td>CK-FTH-013</td> <td>Tin Roof Interface</td> </tr> <tr> <td>Rail</td> <td>CK-FT-7R</td> <td>Aluminium Rail</td> </tr> <tr> <td>Rail Joiner</td> <td>CK-FT-SK</td> <td>Rail Connector</td> </tr> <tr> <td>End Clamp</td> <td>CK-FTE_40</td> <td>Panel to rail fixing</td> </tr> <tr> <td>Mid Clamp</td> <td>CK-FTM-40</td> <td>Panel to rail fixing</td> </tr> <tr> <td>Roof Tile Screw</td> <td></td> <td>14g 10 TPI screws</td> </tr> </tbody> </table> | Components | Part Number | Description | Tile Hook | CK-FTH-01 | Tile Roof Interface | Tin Roof L Hook | CK-FTH-013 | Tin Roof Interface | Rail | CK-FT-7R | Aluminium Rail | Rail Joiner | CK-FT-SK | Rail Connector | End Clamp | CK-FTE_40 | Panel to rail fixing | Mid Clamp | CK-FTM-40 | Panel to rail fixing | Roof Tile Screw | | 14g 10 TPI screws |
| Components | Part Number | Description | | | | | | | | | | | | | | | | | | | | | | | |
| Tile Hook | CK-FTH-01 | Tile Roof Interface | | | | | | | | | | | | | | | | | | | | | | | |
| Tin Roof L Hook | CK-FTH-013 | Tin Roof Interface | | | | | | | | | | | | | | | | | | | | | | | |
| Rail | CK-FT-7R | Aluminium Rail | | | | | | | | | | | | | | | | | | | | | | | |
| Rail Joiner | CK-FT-SK | Rail Connector | | | | | | | | | | | | | | | | | | | | | | | |
| End Clamp | CK-FTE_40 | Panel to rail fixing | | | | | | | | | | | | | | | | | | | | | | | |
| Mid Clamp | CK-FTM-40 | Panel to rail fixing | | | | | | | | | | | | | | | | | | | | | | | |
| Roof Tile Screw | | 14g 10 TPI screws | | | | | | | | | | | | | | | | | | | | | | | |
| Note 6 | Terrain category 2 (TC2) refers to open terrain, including grassland, with well-scattered obstructions having heights generally from 1.5 m to 5 m, with no more than two obstruction per hectare. | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 7 | <p>Rail Joiner connection must placed at the fifth of the length of the interface spacing. No rail joiner should be placed at the centre of spacing or over the rail support.</p>  | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 8 | For the definition of Downwind, Upwind end and middle, refer attached figure D9 from AS/NZS 1170.2-2011 Amdt 2-2012. | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 9 | Figure 1: Shows location of the Upwind/Central & Downwind end. | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>Flush mounted arrays:</p>   <p>Panel Must be installed flat to the roof</p> | | | | | | | | | | | | | | | | | | | | | | | | |

Client: **Chiko Solar**
 Project: **Solar Array Interface Spacing Table**
 Address: **Within Australia**
 Designed: **B.C**

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Note 10 Figure 2: National Wind Map, which shows different wind regions



Structural Design Documentation

Solar Roof Interface Spacing Tables **According to AS/NZS 1170.2-2011 Amdt 3-2012** **Within Australia** **Terrain Category 3**

For:

Chiko Solar



Job Number: 1418
Date: 28 November 2014

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ISO 9001:2008 Registered Firm
Certificate No: AU1222

Job No: 1418

Client: Chiko Solar

Project: SolarRoof Interface Spacing Table

Address: Within Australia

Australian Standards

AS 1170. 2011 – Structural Design Actions

Part 0 – General Principles

Part 1 – Permanent imposed and other actions

Part 2 – Wind Actions

AS 1664.1 – Aluminium structures - Limit state design

Wind Terrain Category: WTC3

Terrain category 3(TC3) refers to numerous closely spaced obstructions having heights generally from 3 m to 10 m. For example suburban housing or light industrial estates.

Designed: B.C

Date: Nov-14

Client: **Chiko Solar**
 Project: **Solar Array Interface Spacing Table**
 Address: **Within Australia**
 Designed: **B.C**

Job: **1418**
 Date: **Nov-14**

Solar Array Interface Spacing Table for Tiled Roof

Type of Rail CK-FT-7R
 Type of Interface Roof Tile Hook
 Solar Panel Dimension 1650 x 992
 Terrain category **3**

Roof Angle (Φ) - $\Phi < 5^\circ$

| Wind Region | Max wind Speed | Building Height - H (m) | | 10<H≤15 | | 15<H≤20 | |
|-------------|-------------------------------------|-------------------------|-------------|-------------|-------------|------------|-------------|
| | | H≤10 | Central | D.W & U.W | Central | D.W & U.W | Central |
| A | 43m/s, 154.8 km/h, 96.1 mile/h | 1185 | 1468 | 1019 | 1258 | 906 | 1117 |
| B | 52 m/s, 190.8 km/h, 118.5 mile/h | 788 | 969 | 680 | 835 | 606 | 743 |
| C | 69.3 m/s, 249 km/h, 154.3 mile/h | 432 | 529 | 374 | 457 | 335 | 408 |
| D | 88.8 m/s, 319.68 km/h, 198.6 mile/h | 265 | 323 | 230 | 280 | 205 | 250 |

Roof Angle (Φ) - $5^\circ \leq \Phi \leq 30$

| Wind Region | Max wind Speed | Building Height - H (m) | | 10<H≤15 | | 15<H≤20 | |
|-------------|-------------------------------------|-------------------------|-------------|-------------|-------------|------------|-------------|
| | | H≤10 | Central | D.W & U.W | Central | D.W & U.W | Central |
| A | 43m/s, 154.8 km/h, 96.1 mile/h | 1185 | 1641 | 1019 | 1492 | 906 | 1321 |
| B | 52 m/s, 190.8 km/h, 118.5 mile/h | 788 | 1145 | 680 | 984 | 606 | 876 |
| C | 69.3 m/s, 249 km/h, 154.3 mile/h | 432 | 621 | 374 | 537 | 335 | 479 |
| D | 88.8 m/s, 319.68 km/h, 198.6 mile/h | 265 | 378 | 230 | 328 | 205 | 293 |

Solar Array Interface spacing Table for Tin Roof

Type of Rail CK-FT-7R
 Type of Interface Tin Roof L Hook
 Solar Panel Dimension 1650 x 992
 Terrain category **3**

Roof Angle (Φ) - $\Phi < 5^\circ$

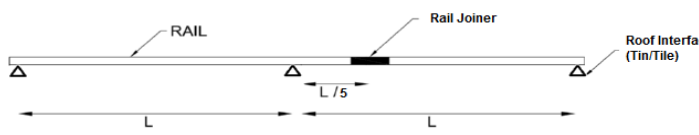
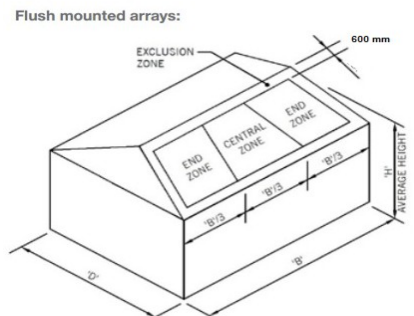
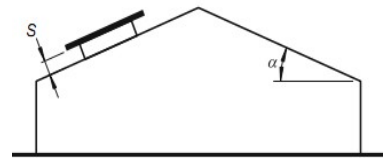
| Wind Region | Max wind Speed | Building Height - H (m) | | 10<H≤15 | | 15<H≤20 | |
|-------------|-------------------------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|
| | | H≤10 | Central | D.W & U.W | Central | D.W & U.W | Central |
| A | 43m/s, 154.8 km/h, 96.1 mile/h | 1270 | 1380 | 1219 | 1441 | 1085 | 1336 |
| B | 52 m/s, 190.8 km/h, 118.5 mile/h | 949 | 1168 | 819 | 1006 | 730 | 896 |
| C | 69.3 m/s, 249 km/h, 154.3 mile/h | 312 | 382 | 271 | 331 | 242 | 295 |
| D | 88.8 m/s, 319.68 km/h, 198.6 mile/h | 191 | 233 | 166 | 202 | 149 | 181 |

Roof Angle (Φ) - $5^\circ \leq \Phi \leq 30$

| Wind Region | Max wind Speed | Building Height - H (m) | | 10<H≤15 | | 15<H≤20 | |
|-------------|-------------------------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|
| | | H≤10 | Central | D.W & U.W | Central | D.W & U.W | Central |
| A | 43m/s, 154.8 km/h, 96.1 mile/h | 1270 | 1490 | 1219 | 1480 | 1085 | 1410 |
| B | 52 m/s, 190.8 km/h, 118.5 mile/h | 949 | 1379 | 819 | 1186 | 730 | 1055 |
| C | 69.3 m/s, 249 km/h, 154.3 mile/h | 312 | 449 | 271 | 388 | 242 | 346 |
| D | 88.8 m/s, 319.68 km/h, 198.6 mile/h | 191 | 273 | 166 | 237 | 149 | 212 |

Client: **Chiko Solar**
 Project: **Solar Array Interface Spacing Table**
 Address: **Within Australia**
 Designed: **B.C**

Job: **1418**
 Date: **Nov-14**

| General Notes | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------|-------------|-----------------------|------------------|------------------|-----------------------------------|-------------------------|------------------|--|------------------------------------|----------|----------------|-------------|----------|----------------|-----------|-----------|----------------------|-----------|-----------|----------------------|-----------------|--|-------------------|
| Note 1 | All holes must be pre drilled, with minimum screw embedment of 35 mm into timber. | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 2 | The width of Timber purlins shall not be less than 35mm | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 3 | <table border="1"> <thead> <tr> <th colspan="2">Recommended screws</th> </tr> <tr> <th>Metal Purlins/Battens</th> <th>Fasteners to use</th> </tr> </thead> <tbody> <tr> <td>1.2 mm and Above</td> <td>14g 10 TPI Tek's (Buildex screws)</td> </tr> <tr> <th>Wood purlins and Rafter</th> <th>Fasteners to use</th> </tr> <tr> <td>Pine and Hardwood (35mm embedment and above)</td> <td>14g 10 TPI (T17s) (Buildex screws)</td> </tr> </tbody> </table> | Recommended screws | | Metal Purlins/Battens | Fasteners to use | 1.2 mm and Above | 14g 10 TPI Tek's (Buildex screws) | Wood purlins and Rafter | Fasteners to use | Pine and Hardwood (35mm embedment and above) | 14g 10 TPI (T17s) (Buildex screws) | | | | | | | | | | | | | | |
| Recommended screws | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metal Purlins/Battens | Fasteners to use | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.2 mm and Above | 14g 10 TPI Tek's (Buildex screws) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wood purlins and Rafter | Fasteners to use | | | | | | | | | | | | | | | | | | | | | | | | |
| Pine and Hardwood (35mm embedment and above) | 14g 10 TPI (T17s) (Buildex screws) | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 4 | Roof Tile Hook must be fixed with minimum of three 14g 10 TPI Tek's (Buildex screws) | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 5 | <p>Following components are satisfied to use according to AS1170.2011</p> <table border="1"> <thead> <tr> <th>Components</th> <th>Part Number</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Tile Hook</td> <td>CK-FTH-01</td> <td>Tile Roof Interface</td> </tr> <tr> <td>Tin Roof L Hook</td> <td>CK-FTH-013</td> <td>Tin Roof Interface</td> </tr> <tr> <td>Rail</td> <td>CK-FT-7R</td> <td>Aluminium Rail</td> </tr> <tr> <td>Rail Joiner</td> <td>CK-FT-SK</td> <td>Rail Connector</td> </tr> <tr> <td>End Clamp</td> <td>CK-FTE_40</td> <td>Panel to rail fixing</td> </tr> <tr> <td>Mid Clamp</td> <td>CK-FTM-40</td> <td>Panel to rail fixing</td> </tr> <tr> <td>Roof Tile Screw</td> <td></td> <td>14g 10 TPI screws</td> </tr> </tbody> </table> | Components | Part Number | Description | Tile Hook | CK-FTH-01 | Tile Roof Interface | Tin Roof L Hook | CK-FTH-013 | Tin Roof Interface | Rail | CK-FT-7R | Aluminium Rail | Rail Joiner | CK-FT-SK | Rail Connector | End Clamp | CK-FTE_40 | Panel to rail fixing | Mid Clamp | CK-FTM-40 | Panel to rail fixing | Roof Tile Screw | | 14g 10 TPI screws |
| Components | Part Number | Description | | | | | | | | | | | | | | | | | | | | | | | |
| Tile Hook | CK-FTH-01 | Tile Roof Interface | | | | | | | | | | | | | | | | | | | | | | | |
| Tin Roof L Hook | CK-FTH-013 | Tin Roof Interface | | | | | | | | | | | | | | | | | | | | | | | |
| Rail | CK-FT-7R | Aluminium Rail | | | | | | | | | | | | | | | | | | | | | | | |
| Rail Joiner | CK-FT-SK | Rail Connector | | | | | | | | | | | | | | | | | | | | | | | |
| End Clamp | CK-FTE_40 | Panel to rail fixing | | | | | | | | | | | | | | | | | | | | | | | |
| Mid Clamp | CK-FTM-40 | Panel to rail fixing | | | | | | | | | | | | | | | | | | | | | | | |
| Roof Tile Screw | | 14g 10 TPI screws | | | | | | | | | | | | | | | | | | | | | | | |
| Note 6 | Terrain category 2 (TC2) refers to open terrain, including grassland, with well-scattered obstructions having heights generally from 1.5 m to 5 m, with no more than two obstruction per hectare. | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 7 | <p>Rail Joiner connection must placed at the fifth of the length of the interface spacing. No rail joiner should be placed at the centre of spacing or over the rail support.</p>  | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 8 | For the definition of Downwind, Upwind end and middle, refer attached figure D9 from AS/NZS 1170.2-2011 Amdt 2-2012. | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 9 | Figure 1: Shows location of the Upwind/Central & Downwind end. | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>Flush mounted arrays:</p>   <p>Panel Must be installed flat to the roof</p> | | | | | | | | | | | | | | | | | | | | | | | | |

Client: **Chiko Solar**
 Project: **Solar Array Interface Spacing Table**
 Address: **Within Australia**
 Designed: **B.C**

Job: **1418**
 Date: **Nov-14**

Note 10 Figure 2: National Wind Map, which shows different wind regions

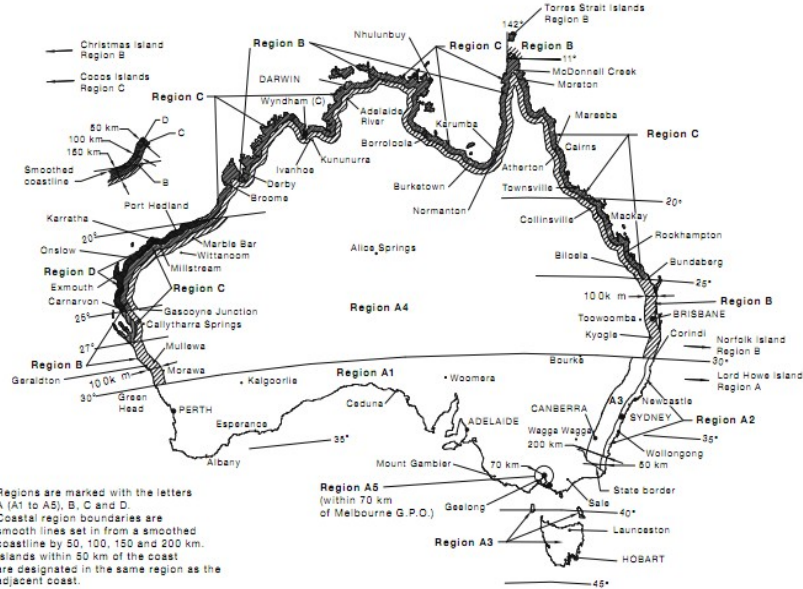


FIGURE 3.1(A) WIND REGIONS