



ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

→For Racking only - Complete Pages 1 & 2

→For Racking and Building Assessment - Complete all pages

3. Roof Sheet Details - Optional

Providing roof sheeting details (e.g. supplier, profile, and type) offers helpful context for our design team—especially for off-purlin, non-penetrative solutions. This background assists in referencing manufacturer data on wind capacity and understanding roof-panel gaps that influence wind pressure distribution.

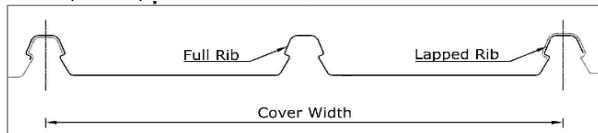
Sheet type if known:

- | | |
|---|---|
| <input type="checkbox"/> Lysaght: KLIP-LOK 700 HI-STRENGTH® | <input type="checkbox"/> Steeline: Lokdek 680 (ST35) |
| <input type="checkbox"/> Lysaght: KLIP-LOK CLASSIC® 700 | <input type="checkbox"/> Steeline: Steel-Rib 500 (ST28) |
| <input type="checkbox"/> Lysaght: KLIP-LOK® 680 | <input type="checkbox"/> Stramit: Speed Deck Ultra® 700 |
| <input type="checkbox"/> Lysaght: KLIP-LOK® 500 | <input type="checkbox"/> Stramit: Speed Deck® 500 |
| <input type="checkbox"/> Lysaght: KLIP-LOK® 406 | <input type="checkbox"/> Metroll: METLOK® 700 |
| <input type="checkbox"/> Lysaght: KLIP-LOK® 300 | <input type="checkbox"/> Fielders: KingKlip® 700 |
| <input type="checkbox"/> Lysaght: LONGLINE 305® | <input type="checkbox"/> Fielders: Hiklip |
| | <input type="checkbox"/> Revolution: Rev-Klip™ 700 |
| | <input type="checkbox"/> Revolution: MaxLine 340 |

☐ Other

Sheet detail if type unknown:

☐ 2-pans per sheet



☐ 3-pans per sheet



Cover width mm Rib height mm

Inner clip photos available and attached? ☐ Yes ☐ No

4. Solar Array Details

Array type

☐ Flush mount

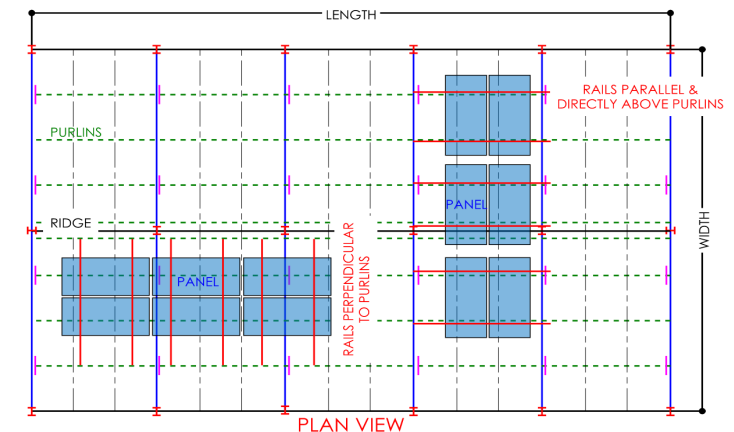


☐ Tilt mount



Tilt angle deg

Rails orientation ☐ Perpendicular to purlins ☐ Parallel and directly above purlins



Panel dimensions and weight

mm mm kg
Width Length Weight

To two decimals

5. Fasteners Details

(It is the client's responsibility to select appropriate fasteners for their roof type.)

- | | |
|--|--|
| <input type="checkbox"/> Kliplok High Strength EMU | <input type="checkbox"/> KingFix EMU |
| <input type="checkbox"/> Kliplok Classic EMU | <input type="checkbox"/> FixW-1876 Corrugated EMU |
| <input type="checkbox"/> SingleFix Pro | <input type="checkbox"/> Longline Seam Clamps 503 AL EMU |
| <input type="checkbox"/> TrimFix EMU | <input type="checkbox"/> RapidPro L |

- ☐ RapidPro L - Configuration B
☐ Rapid2+ Pro SML
☐ Klicktop

☐ Other (specify)

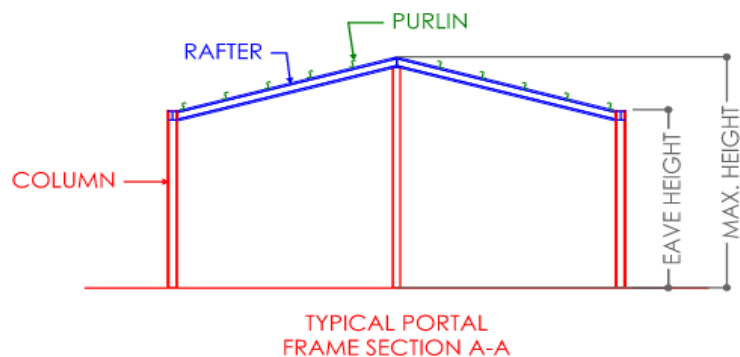
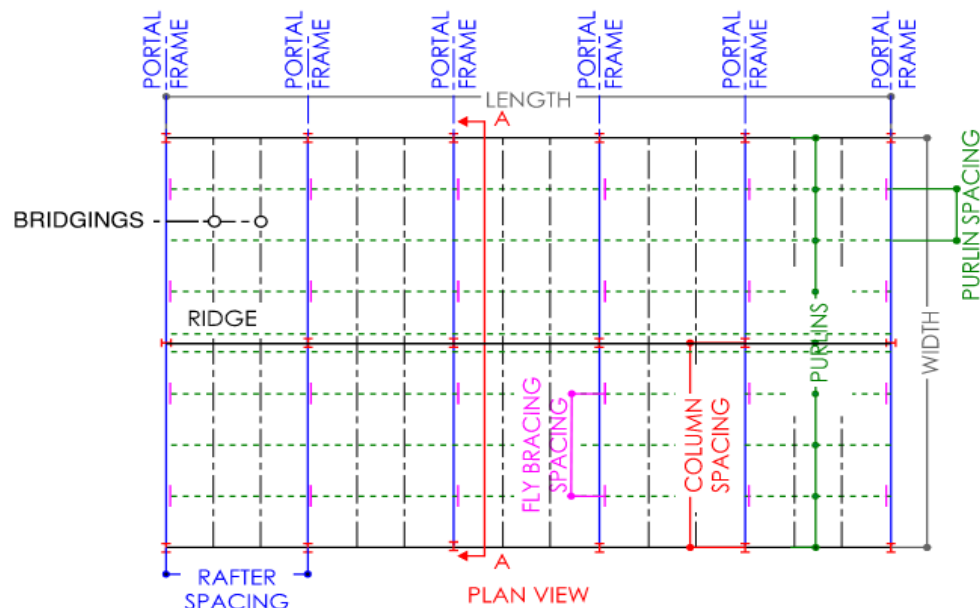
ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

→For Racking only - Complete Pages 1 & 2

→For Racking and Building Assessment - Complete all pages

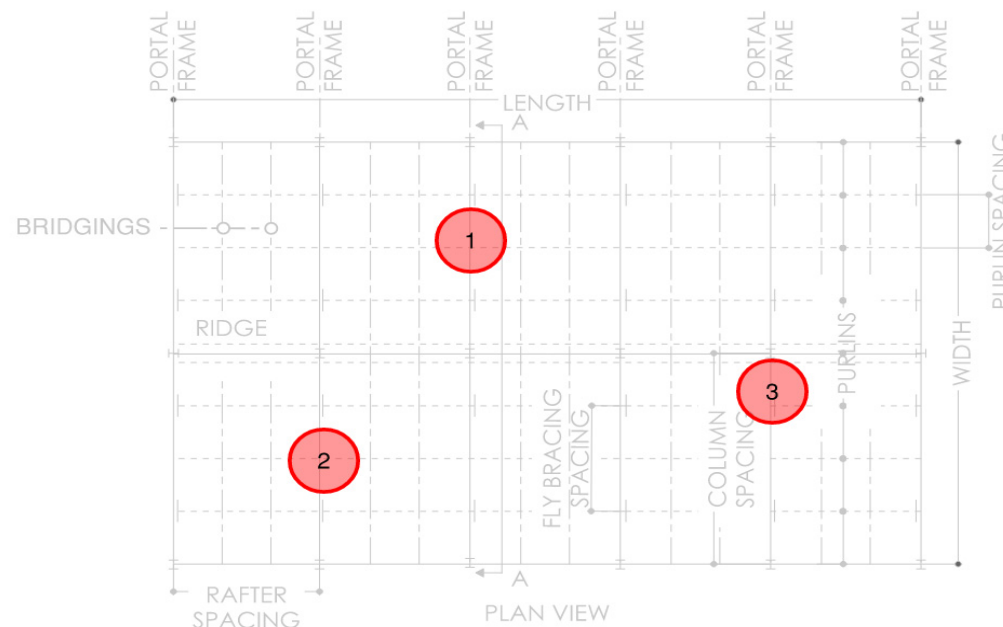
6. Roof Framing Layout

- ☐ Type 1 - Portal Frames - No Transfer Beams



**IMPORTANT - MARK & NUMBER INSPECTED LOCATIONS

Mark and number the locations inspected on the **Type 1 (page 3)** or on the **Type 2 (page 4) roof plans**. Refer to the **Example Diagram** below - Inspected locations are indicatively marked and numbered in red circled, then fill out the next pages for member details such as purlins, rafters, columns etc. Attach additional pages if required to provide data for all locations inspected. Ensure enough locations are inspected to capture the entire framing accurately.



Example Diagram
(to mark & number the locations inspected)



ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

→For Racking only - Complete Pages 1 & 2

→For Racking and Building Assessment - Complete all pages

6. Roof Framing Layout

- ☐ Type 2 - Draw Layout & Section - If NOT Typical
(e.g. when there are Transfer Beams - Clearly mark the locations of Transfer Beams and all critical members)



ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

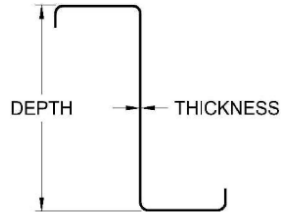
→ For Racking only - Complete Pages 1 & 2
 → For Racking and Building Assessment - Complete all pages

1

Location 1 - Purlins

 Purlin Span mm

 Purlin Spacing mm

☐ Steel Z-Section


Depth (mm)

- ☐ 102
☐ 152
☐ 203
☐ 254
☐ 300
☐ 350
☐ 400

Thickness (mm)

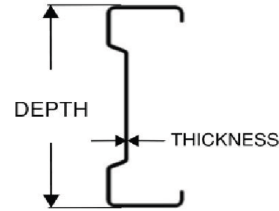
- ☐ 1.0
☐ 1.2
☐ 1.5
☐ 1.9
☐ 2.4
☐ 3.0

Bridging

- ☐ 0
☐ 1
☐ 2
☐ 3

Continuity

- ☐ Single Span
☐ Continuous for spans
☐ Lapped for spans

☐ DHS Steel Purlin


Depth (mm)

- ☐ 150
☐ 200
☐ 250
☐ 300
☐ 350
☐ 400

Thickness (mm)

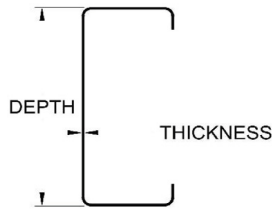
- ☐ 1.15
☐ 1.25
☐ 1.45
☐ 1.75
☐ 1.95

Bridging

- ☐ 0
☐ 1
☐ 2
☐ 3

Continuity

- ☐ Single Span
☐ Continuous for spans
☐ Lapped for spans

☐ Steel C-Section


Depth (mm)

- ☐ 102
☐ 152
☐ 203
☐ 254
☐ 300
☐ 350
☐ 400

Thickness (mm)

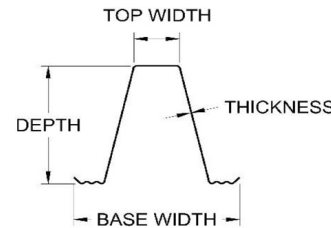
- ☐ 1.0
☐ 1.2
☐ 1.5
☐ 1.9
☐ 2.4
☐ 3.0

Bridging

- ☐ 0
☐ 1
☐ 2
☐ 3

Continuity

- ☐ Single Span
☐ Continuous for spans

☐ Steel Top-hat


Depth (mm)

- ☐ 22
☐ 25
☐ 40
☐ 61
☐ 96
☐ 120

Thickness (mm)

- ☐ 0.42
☐ 0.48
☐ 0.55
☐ 0.75
☐ 1.00
☐ 1.20

Top Width (mm)

- ☐ 29
☐ 32
☐ 37
☐ 40
☐ 42

Base Width (mm)

- ☐ 61
☐ 63
☐ 75
☐ 90
☐ 103
☐ 117
☐ 149

☐ Non-standard Section (provide a labelled sketch of the section)

Connection to Rafter
☐ 2 screws
☐ 4 screws

Continuity
☐ Single Span
☐ Continuous for spans
☐ Lapped for spans

☐ Timber Batten

Batten Size

Timber Type

Continuity


 Depth mm

 Width mm

 Timber Grade

- ☐ Softwood
☐ Hardwood

- ☐ Single Span
☐ Continuous for spans



ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

→ For Racking only - Complete Pages 1 & 2

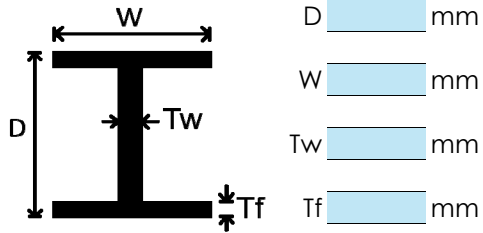
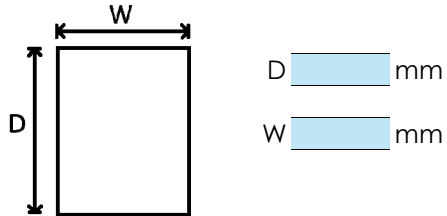
→ For Racking and Building Assessment - Complete all pages

1

Location 1 - Rafters

 Rafter Span mm

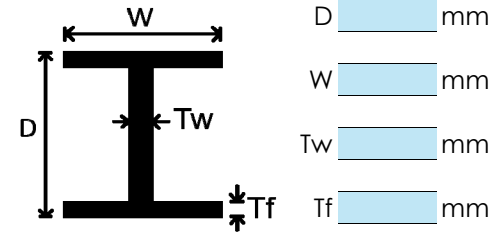
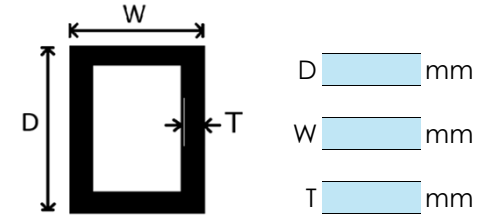
 Fly-bracing mm

☐ Steel W-Section

☐ Timber

☐ Other (provide a labelled sketch of the rafter section)

Location 1 - Columns

 Column height mm

 Bracing height mm
 (if applicable)

☐ Steel W-Section

☐ Steel RHS

☐ Other (provide a labelled sketch of the column section)



ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

→For Racking only - Complete Pages 1 & 2
→For Racking and Building Assessment - Complete all pages

Location 1 - Trusses (if applicable)

Truss Span mm

Truss spacing mm

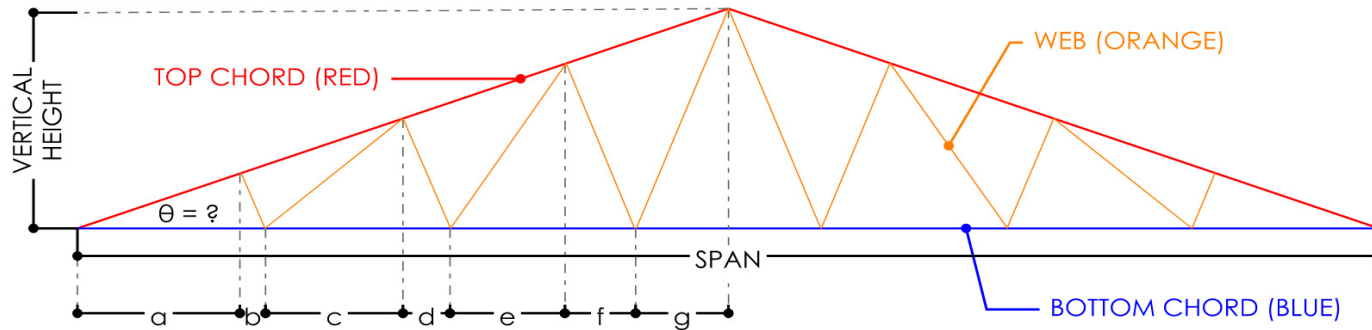
Plan bracing mm

Vertical Height

Angle deg

1

Typical diagram
(provide a labelled sketch if different)



Assembly dimensions

a mm

b mm

c mm

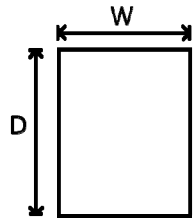
d mm

e mm

f mm

g mm

☐ **Timber**



D mm

W mm

Timber Grade

Top Chord

- ☐ Hardwood
☐ Softwood

Bottom Chord

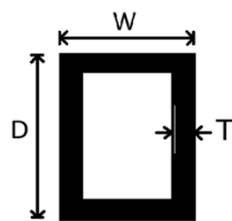
- ☐ Hardwood
☐ Softwood

Web

- ☐ Hardwood
☐ Softwood

☐ **Steel**

☐ Steel RHS



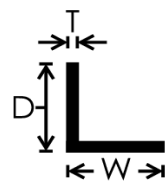
Top Chord

D mm

W mm

T mm

☐ Equal Angle



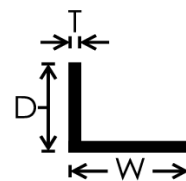
Bottom Chord

D mm

W mm

T mm

☐ Unequal Angle



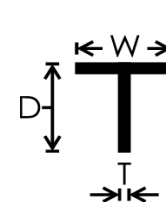
Web

D mm

W mm

T mm

☐ T-Section



☐ **Other**

(provide a labelled sketch of the column section)



ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

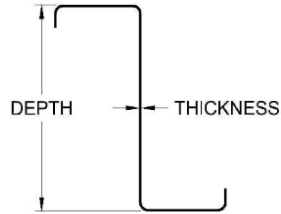
→ For Racking only - Complete Pages 1 & 2
 → For Racking and Building Assessment - Complete all pages

2

Location 2 - Purlins

 Purlin Span mm

 Purlin Spacing mm

☐ Steel Z-Section


Depth (mm)

- ☐ 102
☐ 152
☐ 203
☐ 254
☐ 300
☐ 350
☐ 400

Thickness (mm)

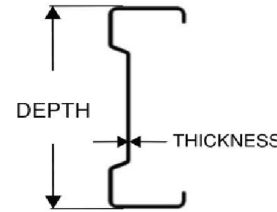
- ☐ 1.0
☐ 1.2
☐ 1.5
☐ 1.9
☐ 2.4
☐ 3.0

Bridging

- ☐ 0
☐ 1
☐ 2
☐ 3

Continuity

- ☐ Single Span
☐ Continuous for spans
☐ Lapped for spans

☐ DHS Steel Purlin


Depth (mm)

- ☐ 150
☐ 200
☐ 250
☐ 300
☐ 350
☐ 400

Thickness (mm)

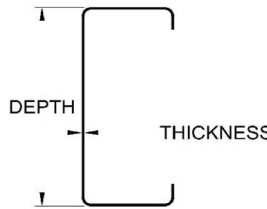
- ☐ 1.15
☐ 1.25
☐ 1.45
☐ 1.75
☐ 1.95

Bridging

- ☐ 0
☐ 1
☐ 2
☐ 3

Continuity

- ☐ Single Span
☐ Continuous for spans
☐ Lapped for spans

☐ Steel C-Section


Depth (mm)

- ☐ 102
☐ 152
☐ 203
☐ 254
☐ 300
☐ 350
☐ 400

Thickness (mm)

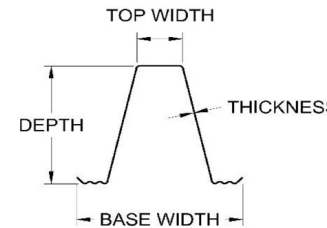
- ☐ 1.0
☐ 1.2
☐ 1.5
☐ 1.9
☐ 2.4
☐ 3.0

Bridging

- ☐ 0
☐ 1
☐ 2
☐ 3

Continuity

- ☐ Single Span
☐ Continuous for spans

☐ Steel Top-hat


Depth (mm)

- ☐ 22
☐ 25
☐ 40
☐ 61
☐ 96
☐ 120

Thickness (mm)

- ☐ 0.42
☐ 0.48
☐ 0.55
☐ 0.75
☐ 1.00
☐ 1.20

Top Width (mm)

- ☐ 29
☐ 32
☐ 37
☐ 40
☐ 42

Base Width (mm)

- ☐ 61
☐ 63
☐ 75
☐ 90
☐ 103
☐ 117
☐ 149

☐ Non-standard Section (provide a labelled sketch of the section)

Connection to Rafter
☐ 2 screws
☐ 4 screws

Continuity
☐ Single Span
☐ Continuous for spans
☐ Lapped for spans

☐ Timber Batten

Batten Size

Timber Type

Continuity


 Depth mm

 Width mm

 Timber Grade

- ☐ Softwood
☐ Hardwood

- ☐ Single Span
☐ Continuous for spans



ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

→ For Racking only - Complete Pages 1 & 2

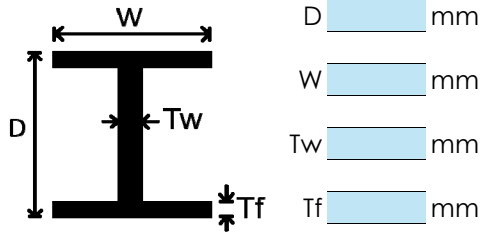
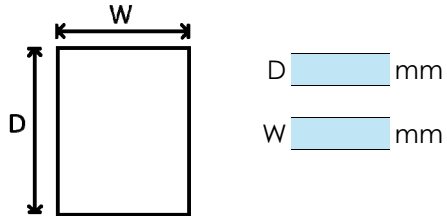
→ For Racking and Building Assessment - Complete all pages

②

Location 2 - Rafter

 Rafter Span mm

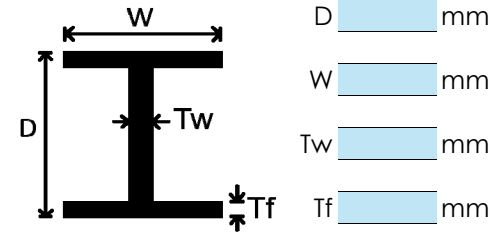
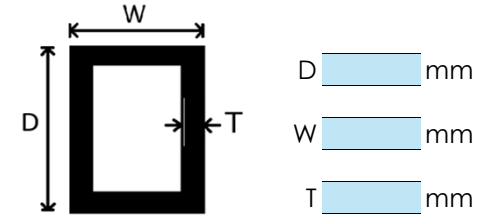
 Fly-bracing mm

☐ Steel W-Section

☐ Timber

☐ Other (provide a labelled sketch of the rafter section)

Location 2 - Columns

 Column height mm

 Bracing height mm
 (if applicable)

☐ Steel W-Section

☐ Steel RHS

☐ Other (provide a labelled sketch of the column section)



ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

→For Racking only - Complete Pages 1 & 2
→For Racking and Building Assessment - Complete all pages

2

Location 2 - Trusses (if applicable)

Truss Span mm

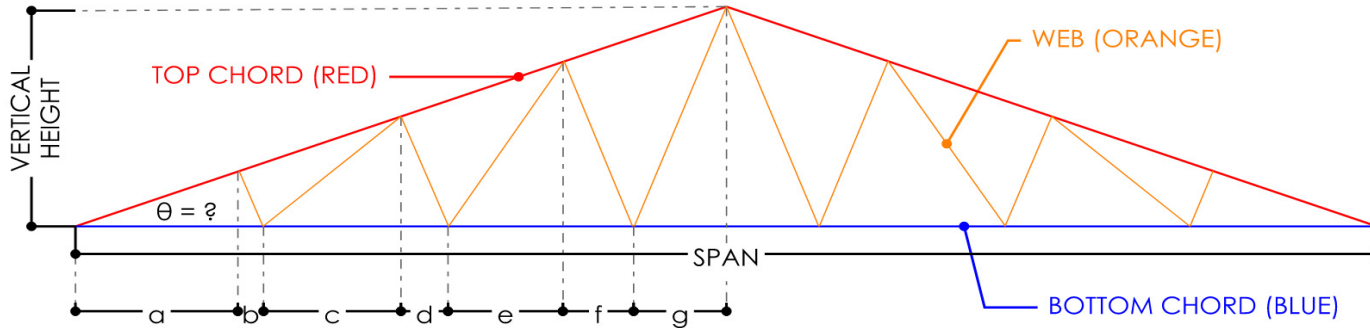
Truss spacing mm

Plan bracing mm

Vertical Height

Angle deg

Typical diagram
(provide a labelled sketch if different)



Assembly dimensions

a mm

b mm

c mm

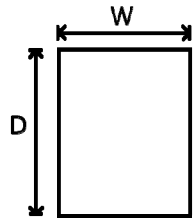
d mm

e mm

f mm

g mm

☐ Timber



D mm

W mm

Timber Grade

Top Chord

- ☐ Hardwood
☐ Softwood

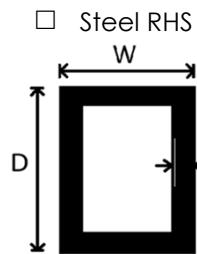
Bottom Chord

- ☐ Hardwood
☐ Softwood

Web

- ☐ Hardwood
☐ Softwood

☐ Steel



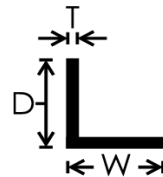
Top Chord

D mm

W mm

T mm

☐ Equal Angle



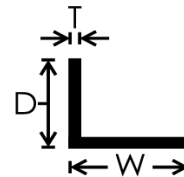
Bottom Chord

D mm

W mm

T mm

☐ Unequal Angle



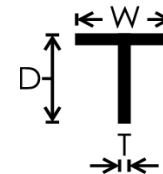
Web

D mm

W mm

T mm

☐ T-Section



☐ Other

(provide a labelled sketch of the column section)



ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

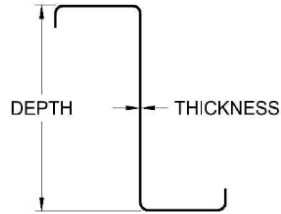
→ For Racking only - Complete Pages 1 & 2
 → For Racking and Building Assessment - Complete all pages

③

Location 3 - Purlins

 Purlin Span mm

 Purlin Spacing mm

☐ Steel Z-Section


Depth (mm)

- ☐ 102
☐ 152
☐ 203
☐ 254
☐ 300
☐ 350
☐ 400

Thickness (mm)

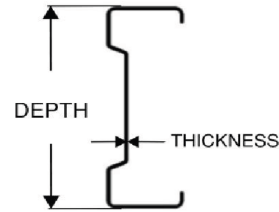
- ☐ 1.0
☐ 1.2
☐ 1.5
☐ 1.9
☐ 2.4
☐ 3.0

Bridging

- ☐ 0
☐ 1
☐ 2
☐ 3

Continuity

- ☐ Single Span
☐ Continuous for spans
☐ Lapped for spans

☐ DHS Steel Purlin


Depth (mm)

- ☐ 150
☐ 200
☐ 250
☐ 300
☐ 350
☐ 400

Thickness (mm)

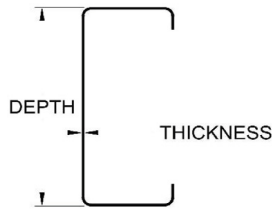
- ☐ 1.15
☐ 1.25
☐ 1.45
☐ 1.75
☐ 1.95

Bridging

- ☐ 0
☐ 1
☐ 2
☐ 3

Continuity

- ☐ Single Span
☐ Continuous for spans
☐ Lapped for spans

☐ Steel C-Section


Depth (mm)

- ☐ 102
☐ 152
☐ 203
☐ 254
☐ 300
☐ 350
☐ 400

Thickness (mm)

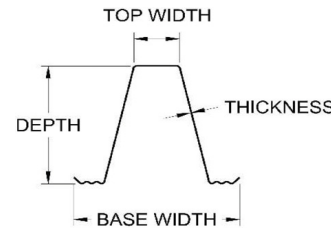
- ☐ 1.0
☐ 1.2
☐ 1.5
☐ 1.9
☐ 2.4
☐ 3.0

Bridging

- ☐ 0
☐ 1
☐ 2
☐ 3

Continuity

- ☐ Single Span
☐ Continuous for spans

☐ Steel Top-hat


Depth (mm)

- ☐ 22
☐ 25
☐ 40
☐ 61
☐ 96
☐ 120

Thickness (mm)

- ☐ 0.42
☐ 0.48
☐ 0.55
☐ 0.75
☐ 1.00
☐ 1.20

Top Width (mm)

- ☐ 29
☐ 32
☐ 37
☐ 40
☐ 42

Base Width (mm)

- ☐ 61
☐ 63
☐ 75
☐ 90
☐ 103
☐ 117
☐ 149

☐ Non-standard Section (provide a labelled sketch of the section)

Connection to Rafter
☐ 2 screws
☐ 4 screws

Continuity

- ☐ Single Span
☐ Continuous for spans
☐ Lapped for spans

☐ Timber Batten

Batten Size

Timber Type

Continuity


 Depth mm

 Width mm

 Timber Grade

- ☐ Softwood
☐ Hardwood

- ☐ Single Span
☐ Continuous for spans



ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

→ For Racking only - Complete Pages 1 & 2

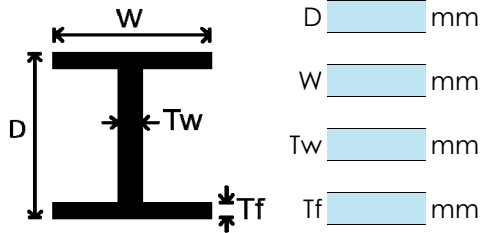
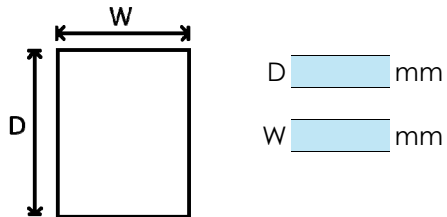
→ For Racking and Building Assessment - Complete all pages

③

Location 3 - Rafter

 Rafter Span mm

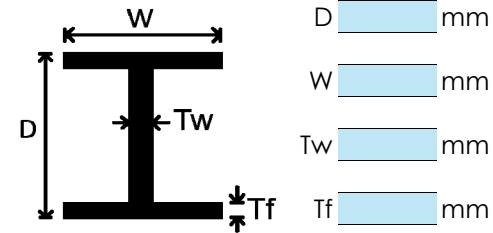
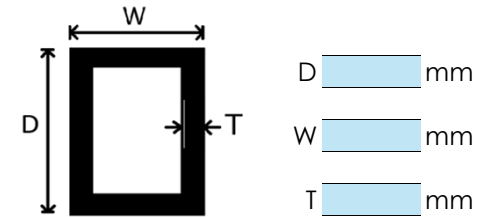
 Fly-bracing mm

☐ Steel W-Section

☐ Timber

☐ Other (provide a labelled sketch of the rafter section)

Location 3 - Columns

 Column height mm

 Bracing height mm
 (if applicable)

☐ Steel W-Section

☐ Steel RHS

☐ Other (provide a labelled sketch of the column section)



ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

→For Racking only - Complete Pages 1 & 2
→For Racking and Building Assessment - Complete all pages

③

Location 3 - Trusses (if applicable)

Truss Span mm

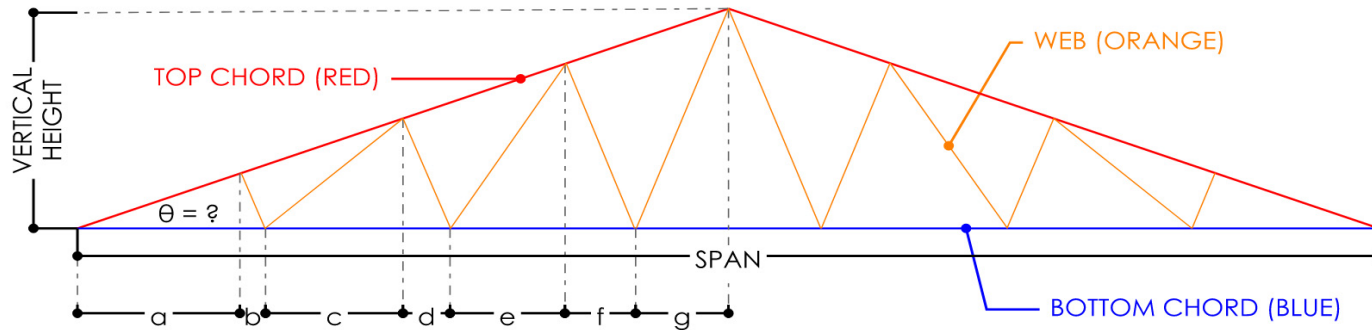
Truss spacing mm

Plan bracing mm

Vertical Height

Angle deg

Typical diagram
(provide a labelled sketch if different)



Assembly dimensions

a mm

b mm

c mm

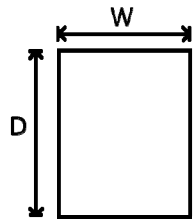
d mm

e mm

f mm

g mm

☐ **Timber**



D mm

W mm

Timber Grade

Top Chord

- ☐ Hardwood
☐ Softwood

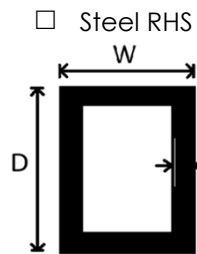
Bottom Chord

- ☐ Hardwood
☐ Softwood

Web

- ☐ Hardwood
☐ Softwood

☐ **Steel**



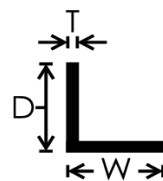
Top Chord

D mm

W mm

T mm

☐ Equal Angle



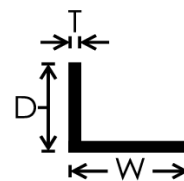
Bottom Chord

D mm

W mm

T mm

☐ Unequal Angle



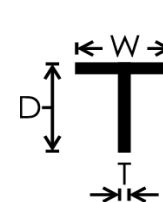
Web

D mm

W mm

T mm

☐ T-Section



☐ **Other**

(provide a labelled sketch of the column section)