PV-ezRACK®

Non-Penetrative with Tilt Legs Installation Guide

Code-Compliant Planning and Installation Guide V 4.1
Complying with AS/NZS 1170.2:2021

SOLAR ROOF

Last Updated - Jan. 2024

Introduction

The Clenergy PVezRack® SolarRoof Non-Penetrative with Tilt Legs has been developed as a universal PV-mounting system for roof-mounting on flat roofs. The use of patented aluminium base rails, Z-Module technology and telescopic mounting technology eliminates custom cutting and enables fast installation.

Please review this manual thoroughly before installing PVezRack® SolarRoof Non-Penetrative with Tilt Legs. This manual provides:

1) Supporting documentation for building permit applications relating to P PVezRack® SolarRoof Non-Penetrative with Tilt Legs Universal PV Module Mounting System,

2) Planning and installation instructions.

List of contents

The PVezRack® SolarRoof Non-Penetrative with Tilt Legs parts, when installed in accordance with this guide, will be structurally sound and will meet the AS/NZS 1170.2:2021 standard. During installation, and especially when working on the roof, please comply with the appropriate Occupational Health and Safety regulations. Please also pay attention to any other relevant State or Federal regulations. Please check that you are using the latest version of the Installation Manual, which you can do by contacting Clenergy Australia via email on tech@clenergy.com.au, or contacting your local distributor in Australia.

Product Warranty:
Please refer PVezRack® Product Warranty on our website.

The installer is solely responsible for:

- Complying with all applicable local or national building codes, including any updates that may supersede this manual;
- Ensuring that PVezRack® and other products are appropriate for the particular installation and the installation environment;
- Using only PVezRack® parts and installer-supplied parts as specified by PVezRack® (substitution of parts may void the warranty and invalidate the letter of certification);
- Recycling: Recycle according to the local relative statue;
- Removal: Reverse installation process;
- Ensuring that there are no less than two professionals working on the panel installation;
- Ensuring the installation of related electrical equipment is performed by licenced electricians;
- Ensuring safe installation of all electrical aspects of the PV array. This includes adequate earth bonding of the PV array and PVezRack® SolarRoof components as required in AS/NZS 5033: 2021.
- Ensuring that the roof, its rafters/purlins, connections and other structural support members can support the array under building live load conditions;
- Verifying the compatibility of the installation considering preventing electrochemical corrosion between dissimilar metals. This may occur between structures and the building and also between structures, fasteners and PV modules, as detailed in AS/NZS 5033: 2021;
- Verifying atmospheric corrosivity zone of installation site by referring to AS 4312-2008 or consulting local construction business to determine appropriate products and installations.

Planning

Determine the Type of Concealed Roof

The best way to identify the type of concealed roof installed is to check the label normally located underneath the roofing sheet. Otherwise, you can contact the builder or check the building plan to find out the exact type of the roofing sheet.

Notes:

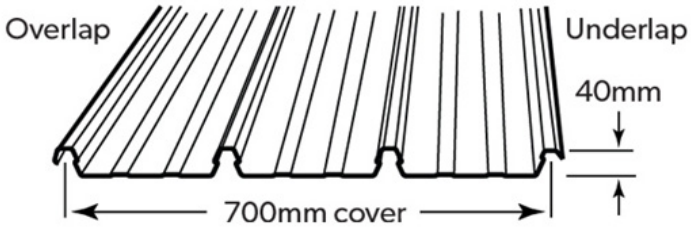
1) Use of the Clenergy Klip-lok brackets is accredited only on the roof sheet types listed below;

2) If the roof sheet type (brand and model) cannot be identified, it is recommended to undertake on-site pull-out capacity test;

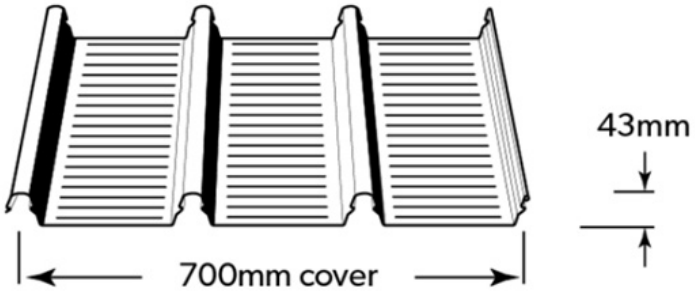
3) Klip-lok bracket can be direct contact with the majority of roof sheet without use of stand-off material between bracket and roof sheet. Please verify the roof sheet material and its compatibility with bracket (material: anodized aluminium) from the roof sheet manufacturer or refer the Clenergy Technical Bulletin of Dissimilar Metals (available on request) for the details.

4) Roof testing of ER-I-34 was completed without using EPDM between roofing sheet and bracket, therefore the generic spacing information for ER-I-34 cannot be applied if EPDM or similar rubber is used between roofing sheet and bracket. In case EPDM or similar rubber is required under Klip-lok bracket for concealed roof installation, please use a different Klip-lok bracket (such as ER-I-09), if this is approved for your specific roofing sheet. An alternative option is to complete a site specific uplift test using ER-I-34 with EPDM based on which a project specific Engineering Certificate can be issued.

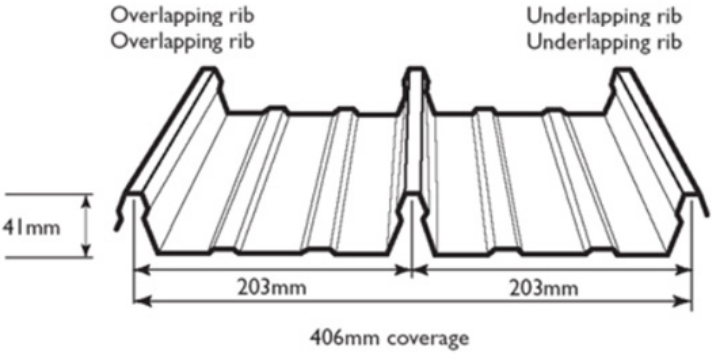
(1) Lysaght Klip Lok 700 Classic (Interface: ER-I-34, ER-I-09)



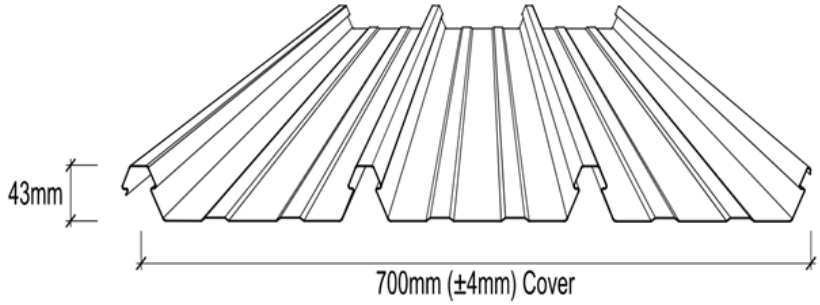
(2) Lysaght Klip-Lok 700 High Strength (Interface: ER-I-34, ER-I-09)



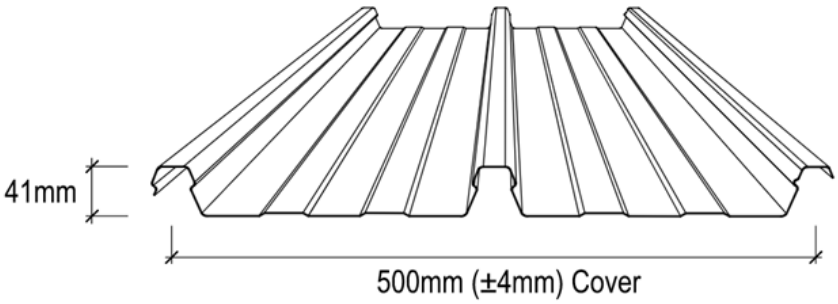
(3) Lysaught Klip-Lok 406 (Interface: ER-I-34, ER-I-32/AU)



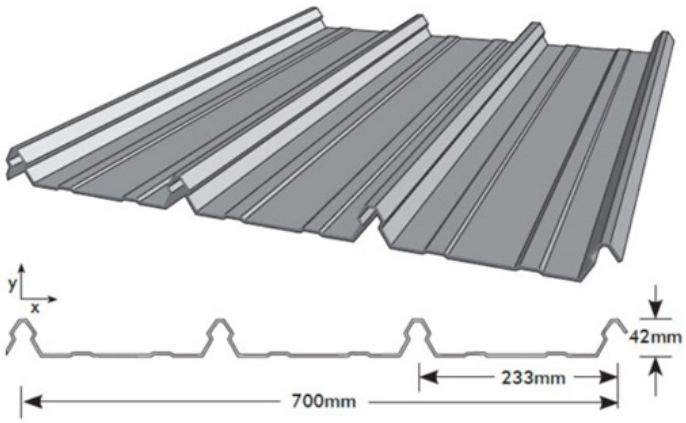
(4) Stramit Speed Deck Ultra (Interface: ER-I-34, ER-I-09)



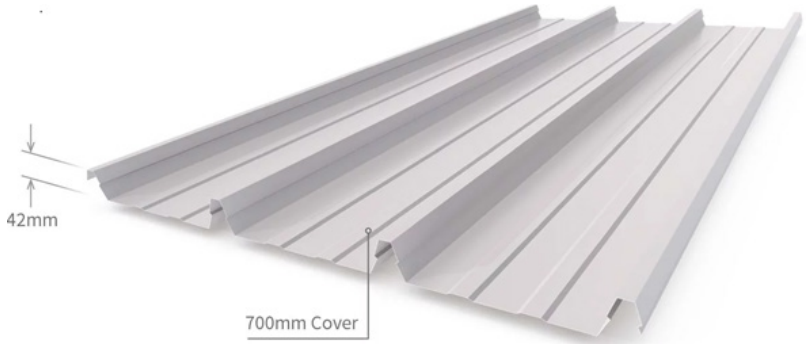
(5) Stramit Speed Deck 500 (Interface: ER-I-34, ER-I-09)



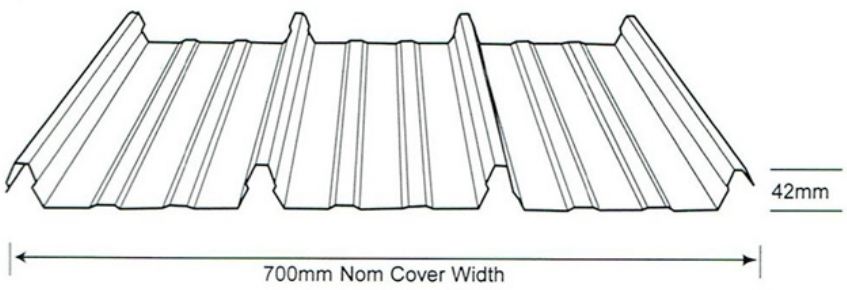
(6) Fielders Kingklip 700 (Interface: ER-I-34, ER-I-09)



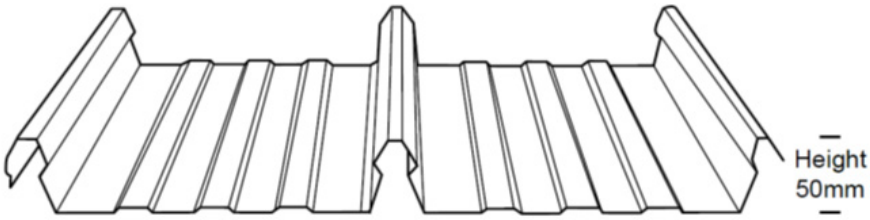
(7) Stratco Topdeck 700 (Interface: ER-I-34, ER-I-09)



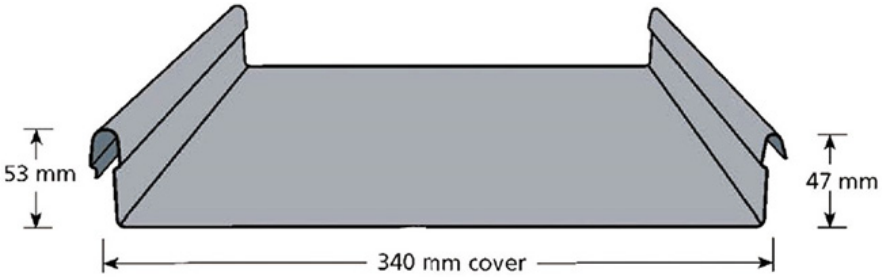
(8) Metroll Metlok 700 (Interface: ER-I-34, ER-I-09)



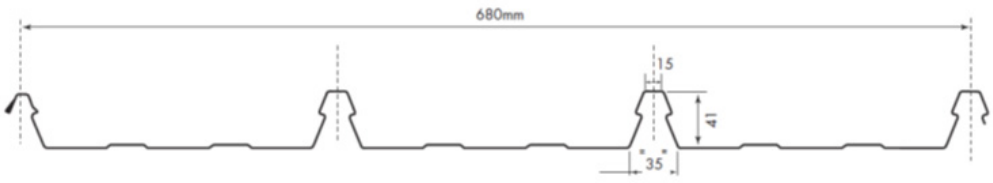
(9) Metroll Metlok 500 (Interface: ER-I-34)



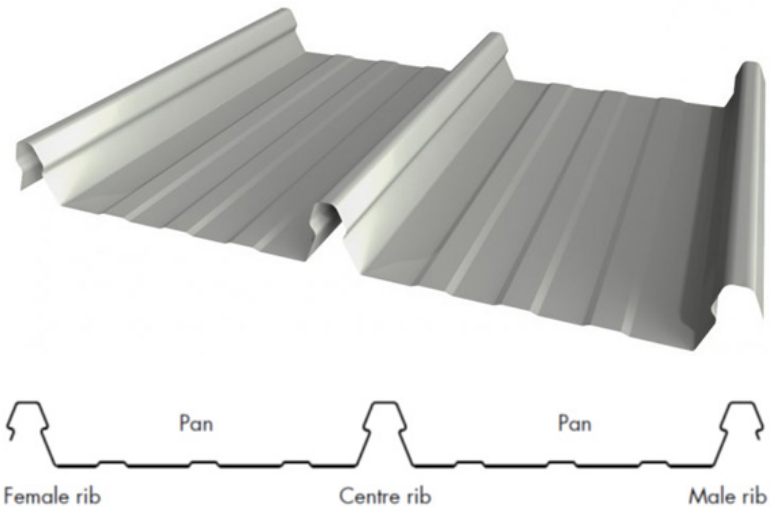
(10) Revolution Maxline 340 (Interface: ER-I-34)



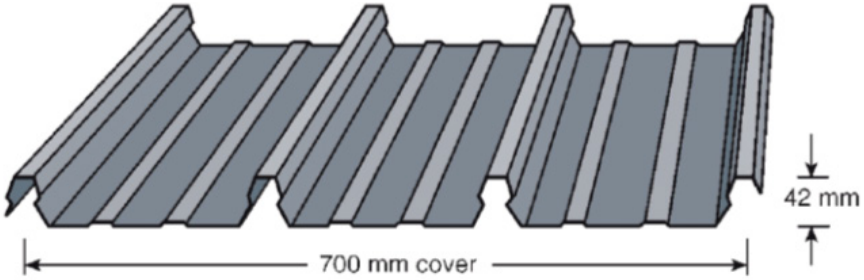
(11) Steeline Lokdek 680 (Interface: ER-I-34)



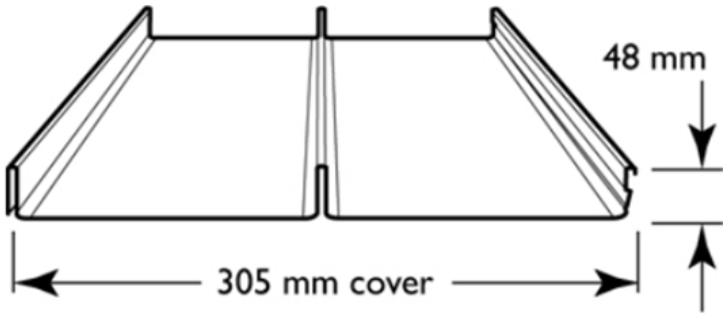
(12) Steeline Steel-Rib 500 (ST28) (Interface: ER-I-34)



(13) Rev-Klip 700 (Interface: ER-I-34)

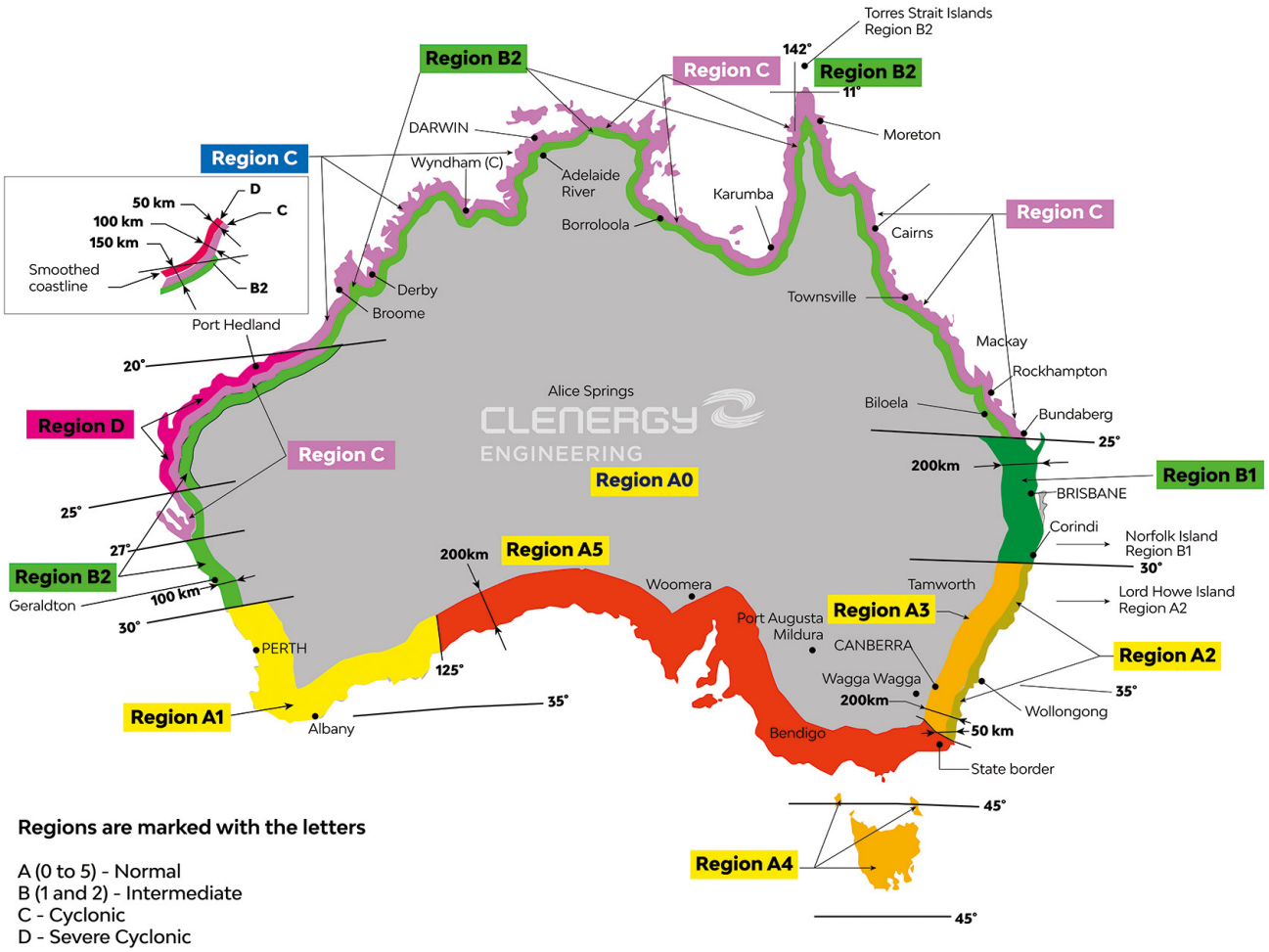


(14) Lysaght LongLine 305 (Interface: ER-I-34, ER-I-29/AU)



Note:
when using ER-I-34 for longline 305 roof sheet installation, please refer to generic note 4 in the engineering letter to apply for interface spacing reduction based on those for ER-I-29/AU.

Determine the wind region of your installation site



Wind Regions – Australia

Wind regions are pre-defined for the whole of Australia by the Australian Standard 1170.2:2021. Comparing to 1170.2:2011, 2021 version has a lot of changes in wind regions.

- Central Australia is now classified as Wind Region A0 and Terrain Classification 2 instead of Wind Region A4.
- Region A1, previously most of the South coast of Australia, now is divided into Regions A1 and A5.
- Tasmania is now Region A4.
- Region B has been divided into regions B1 and B2. This will affect installations in Northern NSW, Gold Coast, Brisbane, Sunshine Coast, and Gladstone.
- Region B1 was increased to include more inland cities around Brisbane. This will likely mean extra structural requirements such as extra rail for installs.

Determine the Terrain Category

It requires to determine the right terrain category to ensure the installation meets the maximum interface spacing specified in the engineering certificate.

In 1170.2-2021, Terrain category 1.5 was removed and Terrain category 2.5 was added. See the definitions below.

Terrain Category 1 (TC1) – Very exposed open terrain with very few or no obstructions, and all water surfaces (e.g. flat, treeless, poorly grassed plains; open ocean, rivers, canals, bays and lakes).

Terrain Category 2 (TC2) – Open terrain, including grassland, with well-scattered obstructions having heights generally from 1.5 m to 5 m, with no more than two obstructions per hectare (e.g. farmland and cleared subdivisions with isolated trees and uncut grass).

Terrain Category 2.5 (TC2.5) – Terrain with some trees or isolated obstructions, terrain in developing outer urban areas with scattered houses, or larger acreage developments with more than two and less then 10 buildings per hectare.

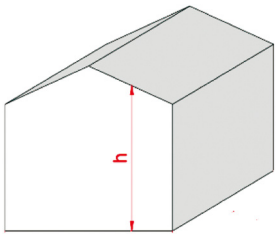
Terrain Category 3 (TC3) – Terrain with numerous closely spaced obstructions having heights generally from 3 m to 10 m. The minimum density of obstructions shall be at least the equivalent of 10 house-size obstructions per hectare (e.g. suburban housing, light industrial estates or dense forests).

Terrain Category 4 (TC4) – Terrain with numerous large, high (10 m to 30 m tall) and closely spaced constructions, such as large city centres and well-developed industrial complexes.

If your installation site is not at TC 2, 2.5 or 3, please contact Clenergy to obtain a project specific engineering certificate to support your installation.

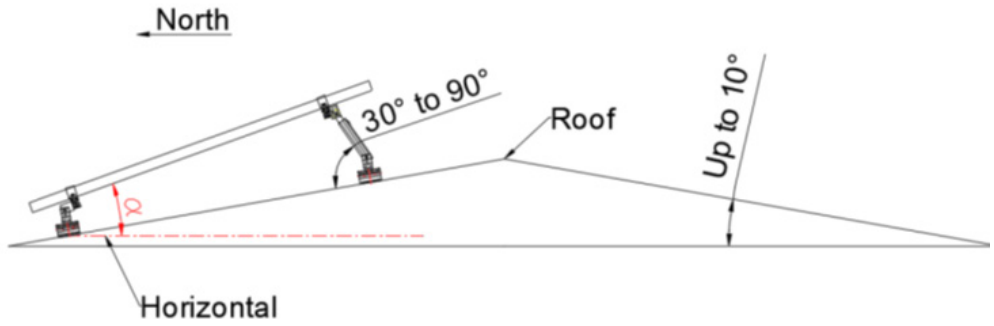
Determine the Height of the Installation Site

This document provides sufficient information for the PVezRack® SolarRoof system installation up to 30 meters building height (average roof height of structure above the ground, see the diagram below). If your building is more than 30 meters high, please contact Clenergy to obtain project specific engineering certificate to support your installation.

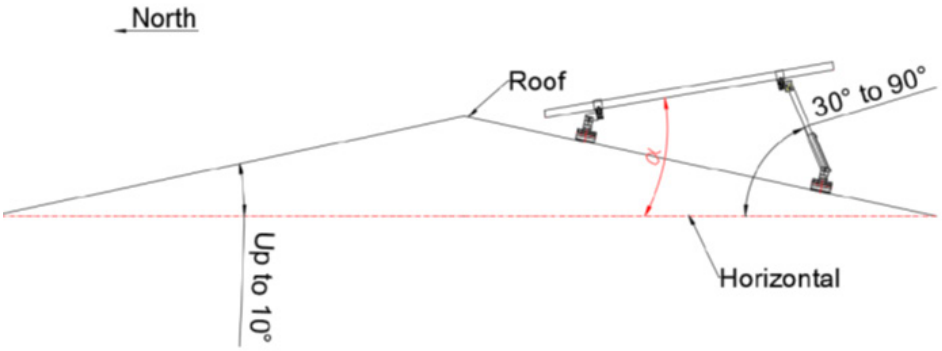


Determine Tilt Angle of Rear Leg

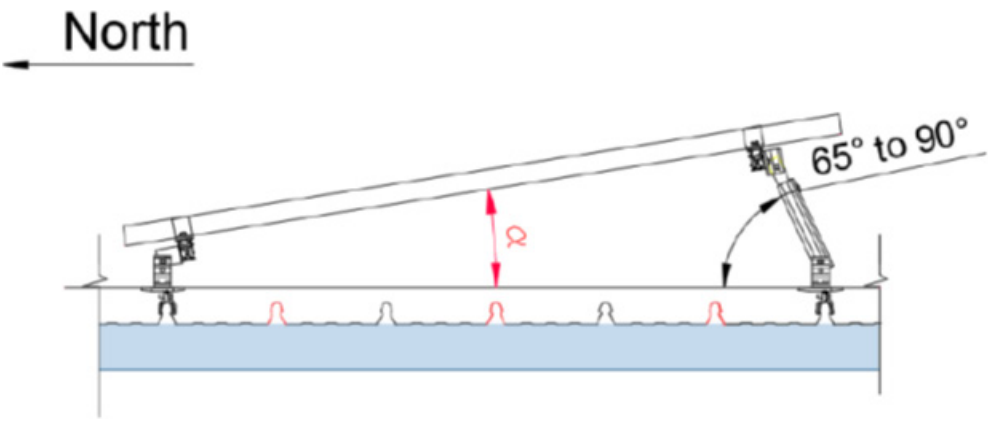
The PV-ezRack® SolarRoof Non-Penetrative with Tilt Legs system is used for roof slopes up to 10°.



When rails running perpendicular to the ribs, on the north facing roof to make the panels facing the north, the angle of rear leg is between 30° and 90° with the roof plane.



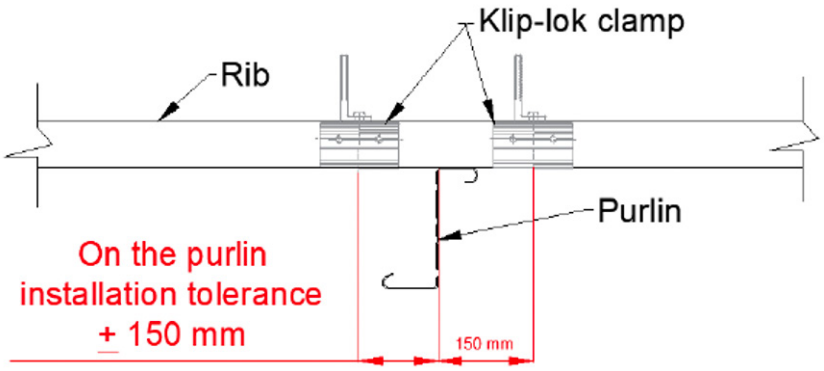
When rails running perpendicular to the ribs, on the south facing roof to make the panels facing the north (reverse tilt), the angle of rear leg is between 30° and 90° with the roof plane as well.



When rails running parallel to the ribs, the angle of rear leg is between 65° and 90° with the roof plane.

Determine the Installation Area of Roof

There is an important change on the installation area of roof based on the certification letter (refer to Note 1), which is installation shall be only on top of the purlins with a maximum tolerance of 150mm. See the sketch below.



Also, the system to be installed when using this generic certification letter is limited up to 100 panels per roof area at a given building height.

For the general installation area of roof, please refer to the notes 7 and 29 of Certification Letter to determine it based on building height, length and width. Please refer to note 3 in Certification Letter for roof sheet specific exclusion of installation of the Klip-lok interfaces. For example, for Metroll Metlok 700 roof sheet, Lapjoints installation is excluded.

If your installation does not meet the requirements above, please contact Clenergy to request a project specific engineering certificate to support your installation.

Determine the Maximum Rail Support Spacing

Please refer to the Certification Letter and Interface Spacing Table. If a project specific Certification Letter has been provided, please refer to the support spacing in this letter.

Verify Maximum Rail End Overhang

Rail end overhang is defined as the distance from last interface to the end of panel. Maximum rail end overhang is 40% of the last interface installed spacing. For example, if the max interface spacing in generic engineering certificate is 1800 mm and installed spacing of last interface is 1500 mm, the maximum rail end overhang is 600 mm. Please refer to **note 18** of certification letter for the details by sketch.

Acquire PV Modules Clamping Zone Information

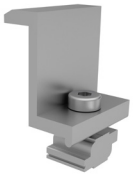
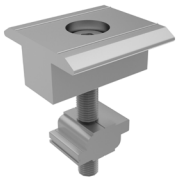
It is recommended to acquire PV modules clamping zone info. from PV modules manufacturer, which can help to plan interfaces positions on the roof and rails orientation and positions.

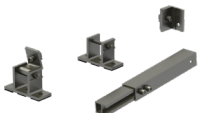
Tools and Components

Tools

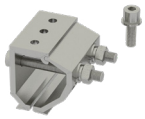
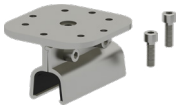
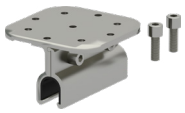
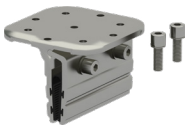
 Angle Grinder with Stone Disk	 Drill Driver (for M8 Hexagon Socket Screw)	 Torque Spanner	 Tape Measure	 String & Marker Pen
 Spanner				

Components

 ER-EC-ST End Clamp	 ER-IC-ST Inter Clamp	 C-U/30/46-G Akashi Clamp	 C-U/30/46 Akashi Clamp	 ER-EC-DU35/40 End Clamp, Dual 35 or 40mm
 ER-EC-DU40/46 End Clamp, Dual 40 or 46mm	 ER-R-ECO ECO-Rail	 ER-SP-ECO Splice for ECO-Rail		

			
ER-TL-10/15 **ER-TL-15/30** **ER-TL-30/60** Adjustable Tilt legs, non-preassembly	**ER-TL-10/15/PS** **ER-TL-15/30/PS** Adjustable Tilt legs, preassembly	**TL-10/15/L/PS** **TL-15/30/L/PS** Adjustable Tilt Legs with L-feet, preassembly	**ER-TL-5/PS** **ER-TL-10/PS** Fixed Tilt Legs, preassembly

Applicable Klip-lok Interfaces

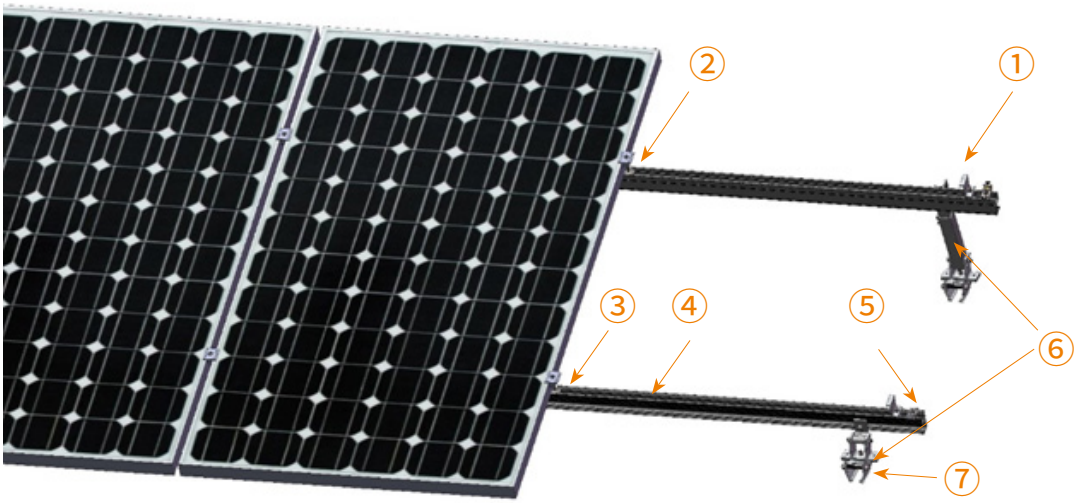
			
ER-I-34 Brooklyn Klip-lok Interface	**ER-I-09** Klip-lok Interface 700	**ER-I-32/AU** Klip-lok Interface 406	**ER-I-29/AU** SolarRoof, Klip-lok Interface for longline 305

System Overview

Overview of Non-Penetrative with Tilt Legs

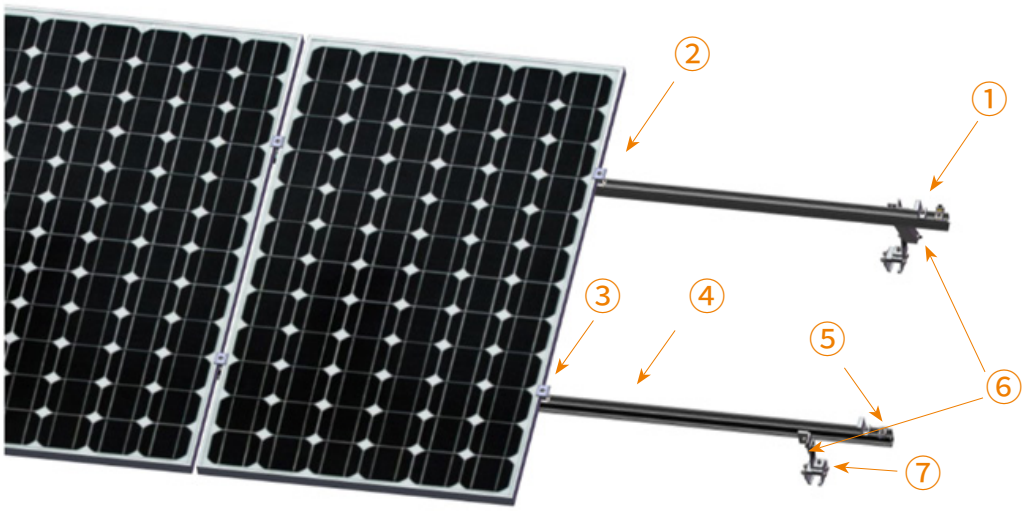
It takes Brooklyn Klip-lok interface (ER-I-34) as an example for system overview below.

With Adjustable Tilt Legs



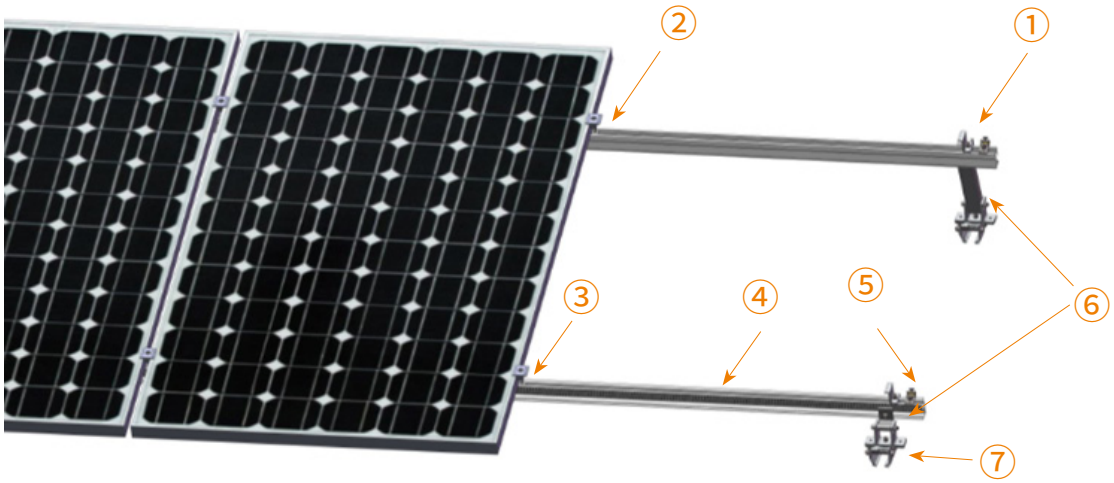
1. End Clamp 2. Inter Clamp 3. Grounding Clip 4. ECO Rail 5. Grounding Lug 6. Adjustable Tilt Legs
7. Brooklyn Klip-lok Interface

With Adjustable Tilt Legs with L-feet



1. End Clamp 2. Inter Clamp 3. Grounding Clip 4. ECO Rail 5. Grounding Lug 6. Adjustable Tilt Legs
7. Brooklyn Klip-lok Interface

With Fixed Tilt Leg



1. End Clamp 2. Inter Clamp 3. Grounding Clip 4. ECO Rail 5. Grounding Lug 6. Fixed Tilt Legs
7. Brooklyn Klip-lok Interface

Precautions during Stainless Steel Fastener Installation

Improper operation may lead to deadlock of Nuts and Bolts. The steps below should be applied to stainless steel nut and bolt assembly to reduce this risk.

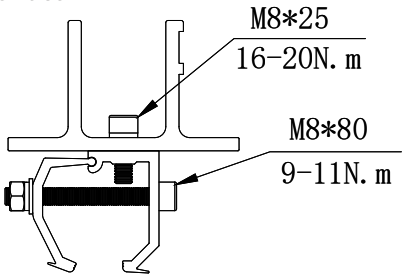
General installation instructions

(1) Apply force to fasteners in the direction of thread
(2) Apply force uniformly, to maintain the required torque
(3) Professional tools and tool belts are recommended
(4) In some cases, fasteners could be seized over time. As an option, if want to avoid galling or seizing of thread, apply lubricant (grease or 40# engine oil) to fasteners prior to tightening.

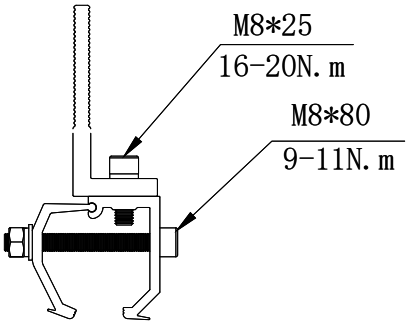
Safe Torques

Please refer to safe torques defined in this guide as shown in the figures below. If power tools are required, Clenergy recommends the use of low speed only. High speed and impact drivers increase the risk of bolt galling (deadlock). If deadlock occurs and you need to cut fasteners, please make sure that there is no load on the fastener before you cut it. Avoid damaging the anodized or galvanized surfaces.

(1) Klip-lok Interface

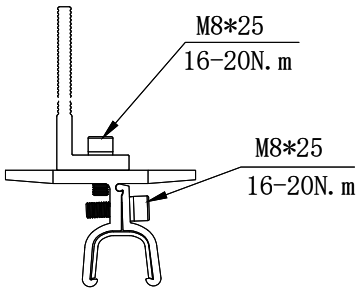


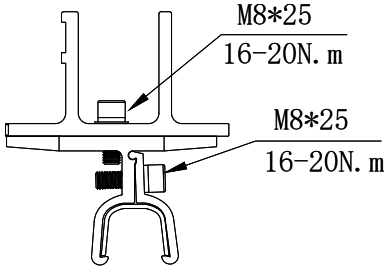
ER-I-34 with Tilt Legs



ER-I-34 with L feet Tilt Legs

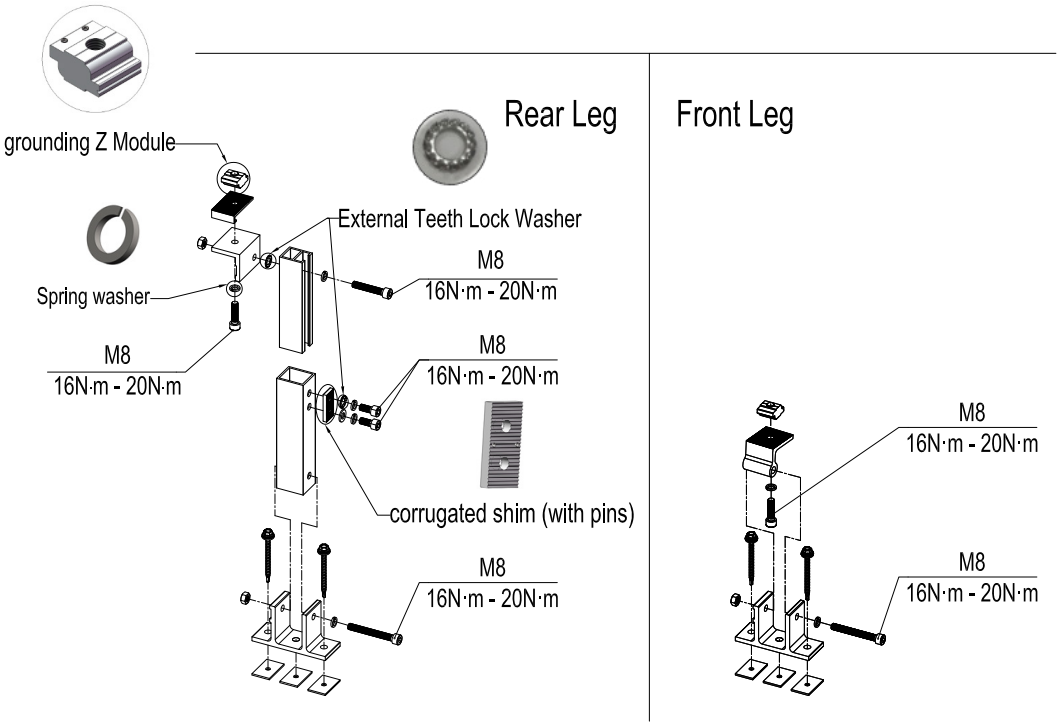
Note:
When clamping Lysaght LongLine 305 with ER-I-34, the torque shall be 13-17 N.m





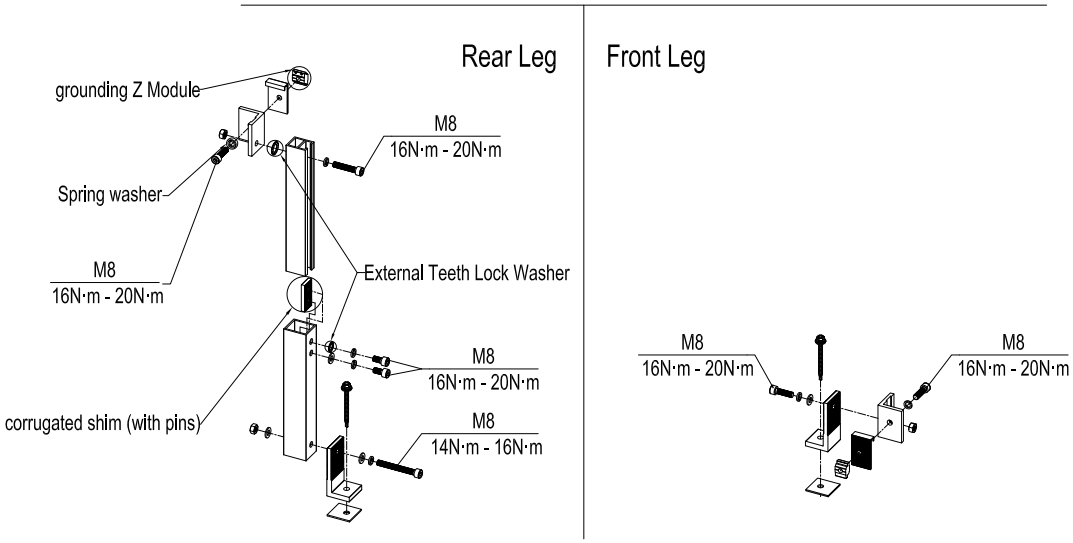
ER-I-09 (or ER-I-32/AU, or ER-I-29/AU) with Tilt legs and L feet Tilt Legs

(2) Adjustable Tilt Legs



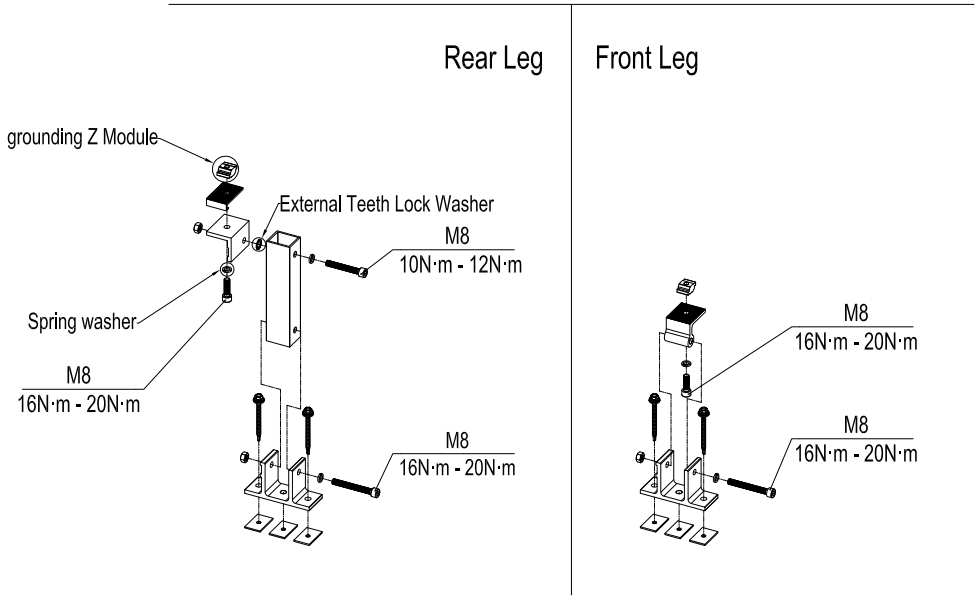
Note:
Grounding Z Module, External Teeth Lock Washers, Spring washer and corrugated shim (with pins) on the diagram above are to create the electrical continuity between rail and rear leg tubes.

(3) Adjustable Tilt Legs with L-feet



Note:
Grounding Z Module, External Teeth Lock Washers, Spring washer and corrugated shim (with pins) on the diagram above are to create the electrical continuity between rail and rear leg tubes.

(4) Fixed Tilt Legs



Note:
Grounding Z Module,External Teeth Lock Washer and Spring washer on the diagram above are to create the electrical continuity between rail and rear leg tubes.

Installation Instructions

Klip-lok Interface Installation

Brooklyn Klip-lok Interface Installation

According to your plan, fix the Brooklyn Klip-lok Interface on the ribs of metal sheet. Fasten the bolts of the Brooklyn Klip-lok Interface within 9-11 N.m (except Lysaght LongLine 305) after adjusted properly.

Figure 1

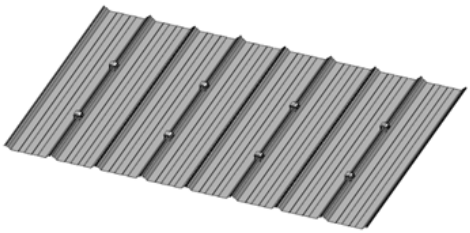


Figure 2

Brooklyn Klip-lok Interface Installation

According to the installation plan, after determining the position of the first Klip-lok Interface, fix it on the rib of tin roof and fasten lightly.

Recommended torque for M8 bolts is 16-20N·m.

Fix the other Klip-lok Interfaces on the tin roof with the string as shown in the figure on the right.

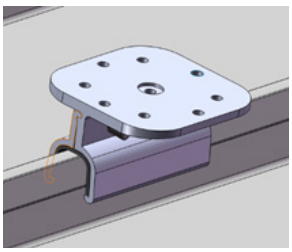


Figure 3

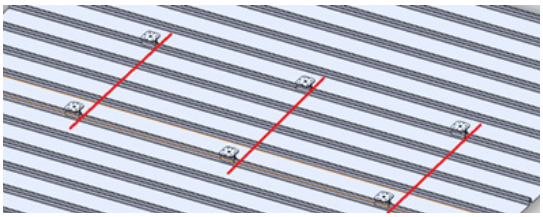


Figure 4

Front & Rear Leg Installation

Front Leg Installation

According to the installation plan, determine the mounting position and direction of the front legs. See Front Leg installation with Klip-lok Interface in Figures 5 and 6. Tin foot front leg installation is in **Figures** 7 and 8.

Note:
It is not necessary to use two bolts connection between Klip-lok Interface and front leg as one bolt fixing through the middle hole of front leg provides sufficient structural capacity.

Pre-fitted rubber pads (if applicable) at the bottom surface of Front Leg shall be taken off to avoid rubber aging effect on fastener torque.

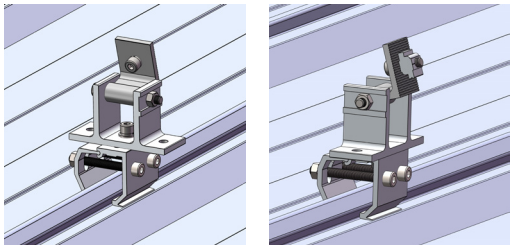


Figure 5
Front Leg Installation
with Brooklyn Klip-lok Interface

Front Leg Installation with Other Klip-lok Interface

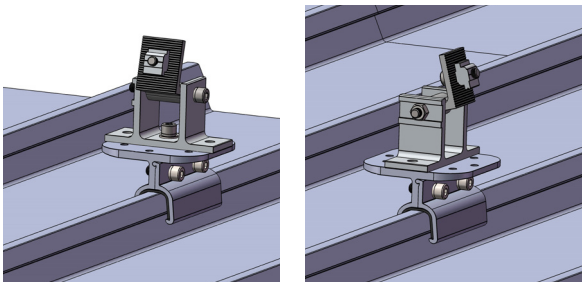


Figure 6

Tin Foot Front Leg Installation with Brooklyn Klip-lok Interface

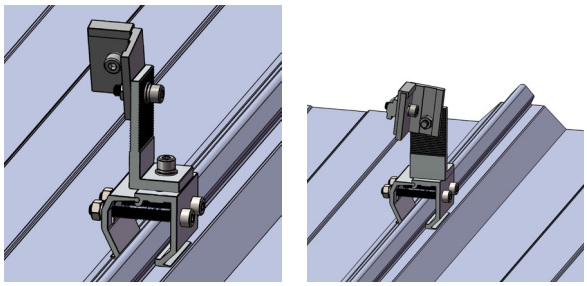


Figure 7

Tin Foot Front Leg Installation with Other Klip-lok Interface

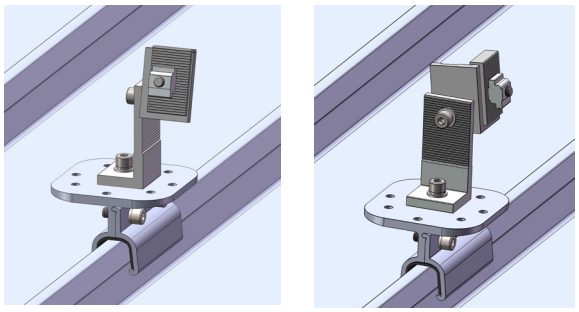


Figure 8

Rear Leg Installation

According to the installation plan, after confirming the length L of the Rear Leg, fasten M8*12 bolts as shown in Figure 9.

Recommended torque for M8*12 bolts is 18~20 N·m

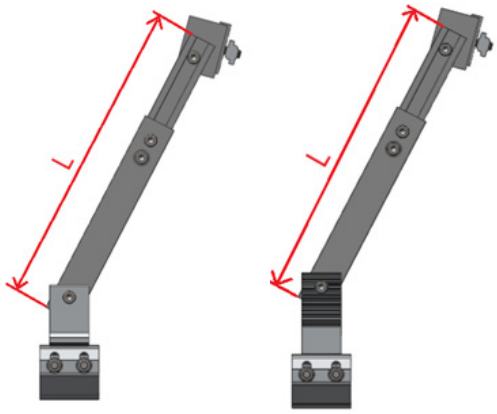


Figure 9

Note:
It is not necessary to use two bolts connection between Klip-lok Interface and rear leg as one bolt fixing through the middle hole of rear leg provides sufficient structural capacity.

Pre-fitted rubber pads (if applicable) at the bottom surface of Rear Leg shall be taken off to avoid rubber aging effect on fastener torque.

According to the installation plan, using preassembly or non-preassembly rear legs will make installation steps a bit different. See the installation images in Figures 10-14.

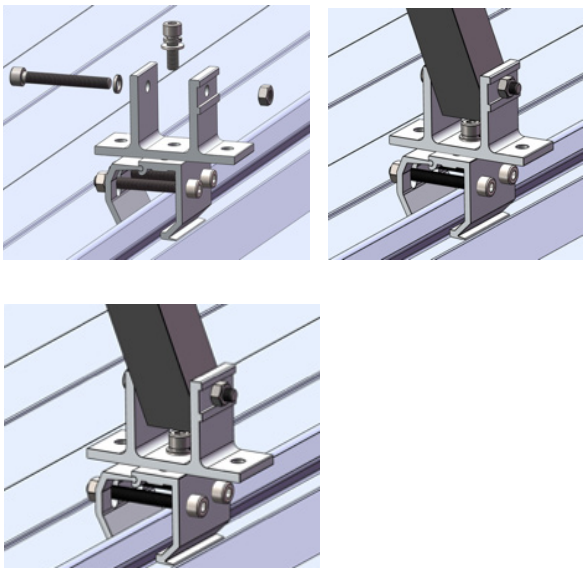


Figure 10
Non-preassembly Rear Leg Installation with Brooklyn Klip-lok Interface

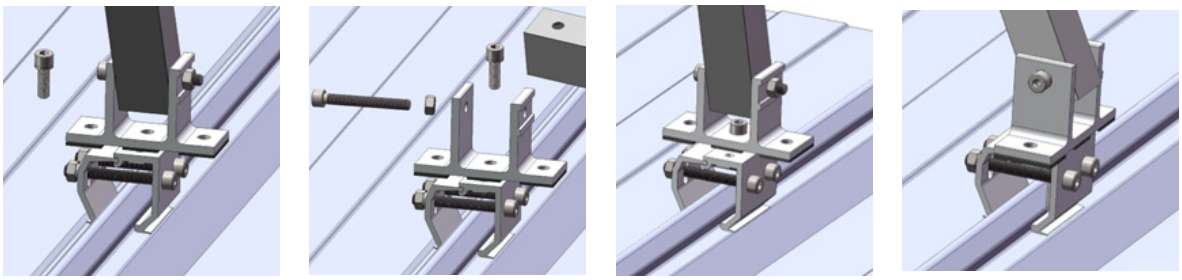


Figure 11
Preassembly Rear Leg Installation with Brooklyn Klip-lok Interface

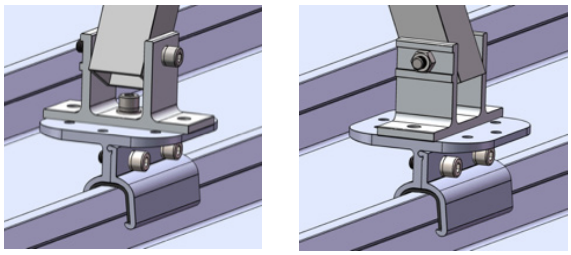


Figure 12 Rear Leg Installation with Other Klip-lok Interface

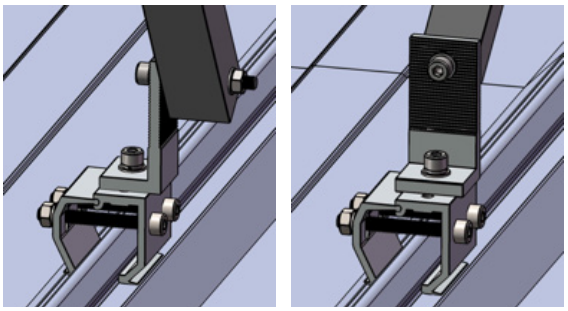


Figure 13 Tin Foot Rear Leg Installation with Brooklyn Klip-lok Interface

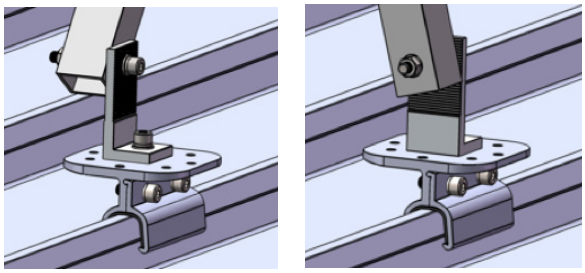


Figure 14 Tin Foot Rear Leg Installation with Other Klip-lok Interface

Install the remaining Front and Rear Legs as shown in **Figure 15**.

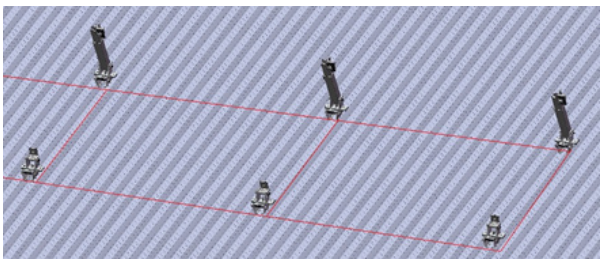


Figure 15

Rail Installation

According to the installation plan, determine the mounting position of Rail.
To connect several Rails together, slide half of the splice into the rear side of the Rail. Fasten the first M8 Bolt using an Allen key, and slide the next Rail into the Splice as shown in **Figures** 16 and 17. Tighten the second M8 Bolt using an Allen key. Splice provides the electrical connection between the 2 rails through the pressure bolts. This eliminates the need of using 2 earthing lugs.

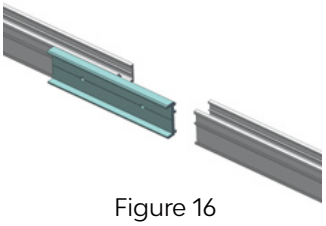


Figure 16

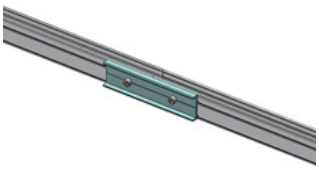


Figure 17

Recommended torque for M8 bolts is 10~12 N·m

After confirming the position of Rail, fasten the Front and Rear Leg, as shown in **Figures** 18, 19 and 20.

Recommended torque for M8 bolts is 18~20 N·m

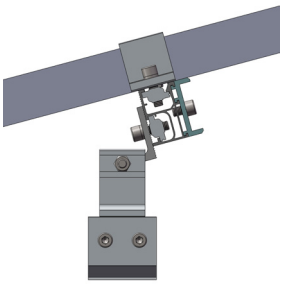


Figure 18

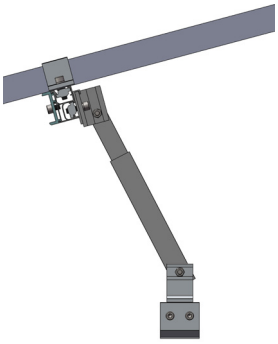


Figure 19

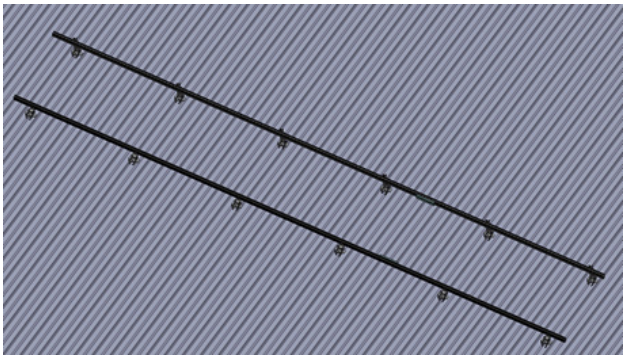


Figure 20

PV Module Installation

1) Please refer PV-ezRack® Grounding System for PV modules clamps and grounding lugs installations.
2) The installers must ensure panel clamps are installed flush mounted to the panel frame and apply correct torque value of clamp fastener as shown in section "**Safe Torques (Page 14)**".

Certification

MW Engineering
Melbourne

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09 October 2023

Clenergy Australia
1/10 Duerdin Street
Clayton, VIC 3168

CERTIFICATION LETTER

Clenergy PV-ezRack SolarRoof Klip-lok tilt interface certification – TC2, 2.5, 3 – Wind Region A, B1, B2 C. Internal REF: **00629**. Project REF: **CL-406-S-REV 5.**

MW Engineering Melbourne, being Structural Engineers within the meaning of Australian regulations, have calculated the maximum spacings for the PV ez-Rack rail system for the following conditions:

- **Wind Loads to AS 1170.2-2011 AMDT 4-2016**
  - **Wind Terrain Category 2, 2.5 and 3**
  - **Wind average recurrence of 200 years**
  - **Wind Region A, B1, B2, and C**
- **Solar panel length up to 2.4 m**
- **Solar panel width up to 1.2 m**

Attached are the tables showing the spacings according to Wind Region, roof pitch, and building height.

The values shown on these tables will be valid unless an amendment is issued on any of the following codes:

- **AS/NZS 1170.0- 2002 AMDT 4-2016** **General Principles**
- **AS/NZS 1170.1- 2002 AMDT 4-2016** **Imposed Loadings**
- **AS/NZS 1170.2- 2011 AMDT 4-2016** **Wind Loadings**
- **AS/NZS 1664.1- 1997 AMDT 1:1999** **Aluminium Code**

Should you have any queries, do not hesitate to contact us.

Best Regards,

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October2023

STRUCTURAL DESIGN CERTIFICATION

PV-ezRACK®

SOLAR ROOF

Klip-lok Tilt
Interface spacing tables

Standard: AS/NZS 1170.2:2021

Terrain Category: 2, 2.5 & 3

Client: Clenergy Australia

REF: 00514

Date: OCTOBER 2023

REF: 00514

Client: Clenergy Australia

Internal reference: CL-406-S – REV 5

Project: PV-ezRack SolarRoof Klip-lok tilt interface spacing tables

Australian Standards

AS/NZS 1170.0:2002 (R2016)	**General Principles**
AS/NZS 1170.1:2002 (R2016)	**Imposed loadings**
AS/NZS 1170.2:2021	**Wind Loadings**
AS/NZS 1664.1:1997-Amdt 1:1999	**Aluminium**

Wind Terrain Category: 2, 2.5 & 3

Wind average recurrence: 200 years

Designed: AE

Date: OCTOBER 2023

Disclaimer: From the date of publication onwards, any amendment made to any of the above-mentioned Standards will make this report outdated and a new one will have to be released, unless the amendment has no implications on this certificate.

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 700 CLASSIC

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1940	1419	1067	715	1940	1419	1067	715	1850	1353	1012	682	1958	1309	979	649	1815	1210	902	605
WRB1	1804	1199	902	605	1804	1199	902	605	1727	1155	858	572	1661	1111	825	550	1595	1056	792	528
WRB2	1739	1092	813	547	1739	1092	813	547	1666	1040	774	517	1602	1001	745	498	1489	952	715	477
WRC	1628	1082	780	520	1628	1082	780	520	1480	980	735	484	1199	803	605	396	1089	726	525	347

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1880	1375	1034	693	1820	1331	1001	671	1914	1276	957	638	1870	1243	935	627	1738	1166	869	583
WRB1	1749	1166	880	583	1694	1133	847	561	1628	1078	814	539	1584	1056	792	528	1529	977	735	483
WRB2	1686	1050	794	527	1634	1021	764	507	1571	972	735	487	1458	953	716	478	1376	881	664	437
WRC	1500	1000	750	500	1430	936	694	457	1268	828	615	405	1067	715	515	352	990	630	473	315

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1820	1342	1001	671	1881	1254	946	627	1826	1210	913	605	1782	1188	891	594	1672	1122	836	561
WRB1	1705	1133	847	572	1595	1056	792	528	1540	1023	735	494	1449	966	690	460	1330	890	670	440
WRB2	1644	1021	764	517	1489	952	715	477	1386	923	665	447	1305	872	623	416	1199	804	606	398
WRC	1440	947	701	462	1190	778	578	381	1073	702	523	345	914	609	462	305	861	578	431	284

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 700 CLASSIC (Cont)

Type of Rail — ER-R-ECO (Referto Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2.1 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1848	1232	924	616	1848	1232	924	616	1760	1177	880	583	1694	1133	847	561	1562	1045	781	517
WRB1	1562	1045	781	517	1562	1045	781	517	1418	945	680	450	1260	840	630	420	1150	760	570	380
WRB2	1423	943	706	468	1423	943	706	468	1277	853	615	408	1136	758	570	380	1037	687	515	345
WRC	1149	752	559	369	1149	752	559	369	992	651	484	320	819	546	410	260	725	483	350	n/a

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1782	1188	891	594	1727	1155	858	572	1661	1111	836	550	1617	1078	777	515	1439	956	714	460
WRB1	1518	966	725	483	1320	880	660	440	1200	800	600	400	1120	750	560	370	1040	690	519	342
WRB2	1367	872	655	437	1189	795	597	398	1082	722	542	362	1010	678	507	335	938	623	469	310
WRC	1041	681	507	335	936	614	457	302	828	545	405	269	714	473	340	n/a	641	431	310	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1738	1155	869	583	1628	1089	814	515	1502	998	720	480	1410	940	700	470	1290	860	650	430
WRB1	1397	890	670	440	1150	760	570	380	1050	700	528	350	1010	670	499	330	948	623	463	307
WRB2	1258	804	606	398	1037	687	515	345	947	633	479	316	912	606	452	298	857	563	419	277
WRC	947	622	462	306	778	511	381	252	702	463	345	n/a	620	410	305	n/a	567	378	284	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 700 CLASSIC (Cont)

Type of Rail — ER-R-ECO (Referto Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2.1 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1694	1122	847	561	1694	1122	847	561	1606	1078	803	515	1474	945	704	473	1298	858	620	410
WRB1	1287	819	609	410	1287	819	609	410	1103	735	546	350	998	640	480	320	860	570	430	290
WRB2	1161	739	550	371	1161	739	550	371	995	664	494	317	900	579	435	290	776	516	389	263
WRC	897	589	438	290	897	589	438	290	775	510	380	252	627	418	308	n/a	539	363	275	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1639	1089	814	550	1551	1034	735	494	1408	893	672	452	1260	840	630	400	1124	746	557	360
WRB1	1134	756	567	378	1050	670	500	330	910	610	450	300	850	560	420	280	780	520	390	260
WRB2	1022	684	513	342	948	605	452	299	821	551	407	272	768	506	380	253	704	471	353	235
WRC	813	534	398	264	732	482	359	238	649	427	319	n/a	539	352	264	n/a	484	319	242	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1562	1034	746	494	1281	861	641	410	1187	750	560	380	1080	720	540	360	1029	683	490	330
WRB1	1061	704	525	340	860	570	430	290	790	530	400	260	750	500	380	250	700	470	350	n/a
WRB2	957	636	474	308	776	516	389	263	714	479	363	235	678	452	344	n/a	633	426	318	n/a
WRC	740	487	363	240	609	402	299	n/a	551	363	272	n/a	462	308	n/a	n/a	429	286	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 700 CLASSIC (Cont)

Type of Rail — ER-R-ECO (Referto Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2.1 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1353	902	682	451	1353	902	682	451	1210	814	605	407	1111	737	550	374	957	638	473	319
WRB1	957	638	473	319	957	638	473	319	825	550	407	275	726	484	363	242	638	418	319	n/a
WRB2	863	577	428	290	863	577	428	290	746	497	369	249	656	437	328	n/a	576	378	289	n/a
WRC	660	440	330	n/a	660	440	330	n/a	572	374	286	n/a	407	264	n/a	n/a	363	242	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1254	836	627	418	1166	770	583	385	1045	693	528	352	979	649	484	330	847	561	418	286
WRB1	858	572	429	286	770	517	385	253	682	451	341	n/a	627	418	308	n/a	561	374	275	n/a
WRB2	775	518	388	259	695	467	348	n/a	616	408	309	n/a	567	378	279	n/a	507	338	249	n/a
WRC	594	396	297	n/a	528	352	264	n/a	473	319	242	n/a	352	n/a	n/a	n/a	319	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1166	781	583	385	990	660	495	330	902	594	451	297	847	561	418	286	748	506	374	253
WRB1	781	517	385	264	638	418	319	n/a	572	385	286	n/a	539	363	275	n/a	495	330	253	n/a
WRB2	705	468	348	239	576	378	289	n/a	518	349	260	n/a	487	329	249	n/a	448	299	n/a	n/a
WRC	539	363	275	n/a	451	297	n/a	n/a	407	264	n/a	n/a	297	n/a	n/a	n/a	275	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 700 CLASSIC (Cont)

Type of Rail — ER-R-ECO (Referto Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2.1 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1045	693	528	352	1045	693	528	352	902	594	451	297	792	528	396	264	671	451	330	n/a
WRB1	660	440	330	n/a	660	440	330	n/a	572	385	286	n/a	506	341	253	n/a	451	297	n/a	n/a
WRB2	595	398	299	n/a	595	398	299	n/a	517	348	259	n/a	457	308	n/a	n/a	407	269	n/a	n/a
WRC	473	308	n/a	n/a	473	308	n/a	n/a	407	264	n/a	n/a	286	n/a	n/a	n/a	253	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	946	627	473	319	847	561	418	286	737	495	374	242	682	451	341	n/a	594	396	297	n/a
WRB1	605	396	297	n/a	539	363	275	n/a	473	319	242	n/a	440	297	n/a	n/a	396	264	n/a	n/a
WRB2	546	358	268	n/a	486	328	249	n/a	428	289	n/a	n/a	398	269	n/a	n/a	358	239	n/a	n/a
WRC	418	286	n/a	n/a	374	253	n/a	n/a	341	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	858	572	429	286	693	462	352	n/a	627	418	308	n/a	594	396	297	n/a	528	352	264	n/a
WRB1	539	363	275	n/a	451	297	n/a	n/a	407	275	n/a	n/a	385	253	n/a	n/a	352	242	n/a	n/a
WRB2	486	328	249	n/a	407	269	n/a	n/a	368	249	n/a	n/a	348	n/a	n/a	n/a	319	n/a	n/a	n/a
WRC	385	253	n/a	n/a	308	n/a	n/a	n/a	286	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 700 CLASSIC (Cont)

Type of Rail — ER-R-ECO (Referto Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2.1 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	759	506	374	253	759	506	374	253	649	429	330	n/a	583	385	286	n/a	495	330	242	n/a
WRB1	484	319	242	n/a	484	319	242	n/a	418	275	n/a	n/a	374	253	n/a	n/a	330	n/a	n/a	n/a
WRB2	437	288	n/a	n/a	437	288	n/a	n/a	378	249	n/a	n/a	338	n/a	n/a	n/a	299	n/a	n/a	n/a
WRC	341	n/a	n/a	n/a	341	n/a	n/a	n/a	297	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	682	451	341	n/a	616	407	308	n/a	539	363	264	n/a	495	330	242	n/a	429	286	n/a	n/a
WRB1	440	297	n/a	n/a	396	264	n/a	n/a	352	n/a	n/a	n/a	319	n/a	n/a	n/a	286	n/a	n/a	n/a
WRB2	397	269	n/a	n/a	358	239	n/a	n/a	318	n/a	n/a	n/a	289	n/a	n/a	n/a	259	n/a	n/a	n/a
WRC	308	n/a	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	616	407	308	n/a	506	341	253	n/a	462	308	n/a	n/a	429	286	n/a	n/a	385	253	n/a	n/a
WRB1	396	264	n/a	n/a	330	n/a	n/a	n/a	297	n/a	n/a	n/a	275	n/a	n/a	n/a	264	n/a	n/a	n/a
WRB2	358	239	n/a	n/a	299	n/a	n/a	n/a	269	n/a	n/a	n/a	249	n/a	n/a	n/a	239	n/a	n/a	n/a
WRC	286	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 700 HI-STRENGTH

Type of Rail — ER-R-ECO (Referto Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2.1 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1617	1210	803	2200	1617	1210	803	2100	1540	1155	770	2030	1485	1111	748	1815	1210	902	605	n/a
WRB1	1199	902	605	1804	1199	902	605	1727	1155	858	572	1661	1111	825	550	1595	1056	792	528	n/a
WRB2	1092	813	547	1739	1092	813	547	1666	1040	774	517	1602	1001	745	498	1489	952	715	477	n/a
WRC	1040	777	525	1639	1040	777	525	1420	940	710	470	1254	798	599	399	1090	730	550	360	n/a

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1562	1177	781	2060	1518	1133	759	1980	1452	1089	726	1930	1408	1056	704	1738	1166	869	583	n/a
WRB1	1166	880	583	1694	1133	847	561	1628	1078	814	539	1584	1056	792	528	1529	977	735	483	n/a
WRB2	1050	794	527	1634	1021	764	507	1571	972	735	487	1458	953	716	478	1376	881	664	437	n/a
WRC	960	720	480	1390	930	694	457	1268	828	615	405	1090	720	540	360	1050	689	512	339	n/a

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1518	1144	759	1950	1430	1067	715	1880	1375	1034	693	1850	1353	1012	682	1672	1122	836	561	n/a
WRB1	1133	847	572	1595	1056	792	528	1540	1023	735	494	1449	966	690	460	1350	900	670	450	n/a
WRB2	1021	764	517	1489	952	715	477	1386	923	665	447	1305	872	623	416	1217	813	606	407	n/a
WRC	930	700	462	1190	778	578	381	1073	702	523	345	1011	664	494	326	937	615	458	302	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 700 HI-STRENGTH (Cont)

Type of Rail — ER-R-ECO (Referto Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2.1 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1397	1045	704	1910	1397	1045	704	1820	1331	1001	671	1750	1229	924	609	1562	1045	781	517	n/a
WRB1	1045	781	517	1562	1045	781	517	1418	945	680	450	1310	870	650	438	1204	786	585	385	n/a
WRB2	943	706	468	1423	943	706	468	1277	853	615	408	1181	785	588	396	1086	711	528	350	n/a
WRC	752	559	369	1149	752	559	369	992	651	484	320	885	582	433	287	778	511	381	252	n/a

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1353	1012	682	1780	1309	979	620	1720	1150	860	570	1670	1120	840	558	1439	956	714	460	n/a
WRB1	966	725	483	1330	890	670	440	1280	839	623	411	1179	771	572	378	1065	697	519	342	n/a
WRB2	872	655	437	1198	804	606	398	1154	757	563	372	1064	697	518	342	961	630	469	310	n/a
WRC	681	507	335	936	614	457	302	828	545	405	269	762	502	374	248	689	455	339	n/a	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1309	990	630	1680	1120	840	560	1629	1057	782	516	1532	996	738	486	1320	880	660	440	n/a
WRB1	890	670	450	1204	786	585	385	1086	711	528	350	1024	671	499	330	948	623	463	307	n/a
WRB2	804	606	407	1086	711	528	350	980	643	479	316	924	607	452	298	857	563	419	277	n/a
WRC	622	462	306	778	511	381	252	702	463	345	n/a	664	437	326	n/a	615	406	302	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 700 HI-STRENGTH (Cont)

Type of Rail — ER-R-ECO (Referto Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2.1 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1276	914	609	1750	1276	914	609	1660	1110	830	550	1602	1041	771	507	1310	870	650	440	n/a
WRB1	870	650	430	1300	870	650	430	1199	784	583	384	1069	700	521	344	939	616	459	303	n/a
WRB2	785	587	389	1172	785	587	389	1083	709	527	349	965	633	471	312	847	558	415	275	n/a
WRC	589	438	290	897	589	438	290	775	510	380	252	692	456	340	n/a	609	402	299	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1130	850	560	1640	1090	815	537	1497	974	722	476	1373	896	664	438	1239	810	601	397	n/a
WRB1	822	610	403	1131	740	550	363	1001	656	488	322	920	604	449	297	832	546	407	270	n/a
WRB2	743	552	364	1021	669	498	329	903	593	442	292	831	546	406	269	751	495	369	244	n/a
WRC	534	398	264	732	482	359	238	649	427	319	n/a	596	394	294	n/a	540	357	267	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1100	820	542	1403	915	678	447	1264	825	613	404	1191	779	579	382	1103	722	537	355	n/a
WRB1	749	557	368	939	616	459	303	847	558	415	275	799	526	392	259	741	488	363	240	n/a
WRB2	677	503	333	847	558	415	275	765	504	376	249	722	476	355	235	670	442	330	n/a	n/a
WRC	487	363	240	609	402	299	n/a	551	363	272	n/a	520	343	256	n/a	482	319	238	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for

LYSAGHT KLIP-LOK 700 HI-STRENGTH (Cont)

Type of Rail ER-R-ECO (Referto Note 10 for other compatible rails)

Type of Interface ER-I-09 and ER-I-34

Solar Panel Dimension 2.1 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1040	780	520	1560	1040	780	520	1467	956	708	466	1305	852	632	417	1100	730	550	368	n/a
WRB1	730	550	360	1090	730	550	360	930	620	470	310	830	550	420	280	720	480	360	240	n/a
WRB2	660	498	327	983	660	498	327	840	560	426	281	750	497	380	253	650	434	326	n/a	n/a
WRC	480	360	238	720	480	360	238	620	419	310	n/a	506	341	253	n/a	451	297	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1002	742	488	1383	901	669	441	1221	798	592	392	1121	734	545	360	970	650	480	320	n/a
WRB1	660	490	330	880	580	440	290	780	520	390	260	710	470	350	240	640	430	320	n/a	n/a
WRB2	597	443	299	794	524	398	263	705	470	353	235	642	425	317	n/a	579	389	290	n/a	n/a
WRC	439	328	n/a	580	390	290	n/a	520	350	260	n/a	440	297	n/a	n/a	396	264	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	911	676	445	1145	750	557	368	1033	677	504	333	973	638	476	314	850	570	430	280	n/a
WRB1	590	450	300	720	480	360	240	650	440	330	n/a	620	410	310	n/a	570	380	280	n/a	n/a
WRB2	534	407	272	650	434	326	n/a	588	399	300	n/a	560	371	281	n/a	516	344	253	n/a	n/a
WRC	390	299	n/a	490	330	240	n/a	440	290	n/a	n/a	385	253	n/a	n/a	352	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for

LYSAGHT KLIP-LOK 700 HI-STRENGTH (Cont)

Type of Rail	ER-R-ECO (Referto Note 10 for other compatible rails)
Type of Interface	ER-I-09 and ER-I-34
Solar Panel Dimension	2.1 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	990	748	495	1485	990	748	495	1276	858	638	429	1144	759	572	385	836	561	418	275	n/a
WRB1	561	418	275	836	561	418	275	715	484	363	242	638	429	319	n/a	561	374	275	n/a	n/a
WRB2	507	378	250	754	507	378	250	646	437	329	n/a	577	388	289	n/a	507	338	249	n/a	n/a
WRC	374	275	n/a	550	374	275	n/a	484	319	242	n/a	363	242	n/a	n/a	319	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	902	671	451	1199	803	605	396	1056	704	528	352	968	649	484	319	748	495	374	253	n/a
WRB1	506	374	253	682	451	341	n/a	605	396	297	n/a	550	363	275	n/a	495	330	253	n/a	n/a
WRB2	458	338	n/a	616	407	309	n/a	547	358	269	n/a	497	328	249	n/a	448	298	n/a	n/a	n/a
WRC	341	253	n/a	462	308	n/a	n/a	407	275	n/a	n/a	308	n/a	n/a	n/a	275	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	814	605	407	990	660	495	330	891	594	440	297	836	561	418	275	660	440	330	n/a	n/a
WRB1	462	341	n/a	561	374	275	n/a	506	341	253	n/a	484	319	242	n/a	440	297	n/a	n/a	n/a
WRB2	418	308	n/a	507	338	249	n/a	458	309	n/a	n/a	438	289	n/a	n/a	398	269	n/a	n/a	n/a
WRC	308	n/a	n/a	374	253	n/a	n/a	341	n/a	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for

LYSAGHT KLIP-LOK 700 HI-STRENGTH (Cont)

Type of Rail	ER-R-ECO (Referto Note 10 for other compatible rails)
Type of Interface	ER-I-09 and ER-I-34
Solar Panel Dimension	2.1 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	715	539	363	1078	715	539	363	935	616	462	308	825	550	407	275	605	407	308	n/a	n/a
WRB1	407	308	n/a	605	407	308	n/a	528	352	264	n/a	462	308	n/a	n/a	418	275	n/a	n/a	n/a
WRB2	368	279	n/a	546	368	279	n/a	477	318	239	n/a	418	279	n/a	n/a	378	249	n/a	n/a	n/a
WRC	275	n/a	n/a	418	275	n/a	n/a	352	n/a	n/a	n/a	264	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	649	484	319	869	583	440	286	770	517	385	253	715	473	352	242	539	363	275	n/a	n/a
WRB1	363	275	n/a	495	330	242	n/a	440	297	n/a	n/a	407	275	n/a	n/a	363	242	n/a	n/a	n/a
WRB2	328	249	n/a	447	298	n/a	n/a	397	269	n/a	n/a	368	249	n/a	n/a	329	n/a	n/a	n/a	n/a
WRC	242	n/a	n/a	330	n/a	n/a	n/a	297	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	583	440	297	715	484	363	242	649	429	330	n/a	616	418	308	n/a	484	319	242	n/a	n/a
WRB1	330	253	n/a	418	275	n/a	n/a	374	253	n/a	n/a	352	242	n/a	n/a	330	n/a	n/a	n/a	n/a
WRB2	299	n/a	n/a	378	249	n/a	n/a	339	n/a	n/a	n/a	319	n/a	n/a	n/a	299	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	286	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 406

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-32/AU and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	2100	1540	1155	770	2100	1540	1155	770	2010	1474	1100	737	1940	1419	1067	715	1815	1210	902	605
WRB1	1804	1199	902	605	1804	1199	902	605	1727	1155	858	572	1661	1111	825	550	1595	1056	792	528
WRB2	1739	1092	813	547	1739	1092	813	547	1666	1040	774	517	1602	1001	745	498	1489	952	715	477
WRC	1628	1082	780	520	1628	1082	780	520	1480	980	735	484	1199	803	605	396	1089	726	525	347

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	2040	1496	1122	748	1970	1452	1089	726	1995	1386	1045	693	1932	1353	1012	671	1738	1166	869	583
WRB1	1749	1166	880	583	1694	1133	847	561	1628	1078	814	539	1584	1056	792	528	1529	977	735	483
WRB2	1686	1050	794	527	1634	1021	764	507	1571	972	735	487	1458	953	716	478	1376	881	664	437
WRC	1500	1000	750	500	1430	936	694	457	1268	828	615	405	1067	715	515	352	990	630	473	315

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1980	1452	1089	726	1953	1364	1023	682	1890	1320	990	660	1770	1298	968	649	1672	1122	836	561
WRB1	1705	1133	847	572	1595	1056	792	528	1540	1023	735	494	1449	966	690	460	1330	890	670	440
WRB2	1644	1021	764	517	1489	952	715	477	1386	923	665	447	1305	872	623	416	1199	804	606	398
WRC	1440	947	701	462	1190	778	578	381	1073	702	523	345	914	609	462	305	861	578	431	284

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 406 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-32/AU and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1922	1342	1001	671	1922	1342	1001	671	1827	1276	957	638	1764	1232	924	588	1562	1045	781	517
WRB1	1562	1045	781	517	1562	1045	781	517	1418	945	680	450	1260	840	630	420	1150	760	570	380
WRB2	1423	943	706	468	1423	943	706	468	1277	853	615	408	1136	758	570	380	1037	687	515	345
WRC	1149	752	559	369	1149	752	559	369	992	651	484	320	819	546	410	260	725	483	350	n/a

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1859	1298	968	649	1785	1254	935	627	1722	1155	861	550	1600	1070	800	530	1439	956	714	460
WRB1	1518	966	725	483	1320	880	660	440	1200	800	600	400	1120	750	560	370	1040	690	519	342
WRB2	1367	872	655	437	1189	795	597	398	1082	722	542	362	1010	678	507	335	938	623	469	310
WRC	1041	681	507	335	936	614	457	302	828	545	405	269	714	473	340	n/a	641	431	310	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1796	1254	946	627	1610	1070	800	540	1560	1040	780	516	1530	996	738	486	1290	860	650	430
WRB1	1397	890	670	440	1150	760	570	380	1050	700	528	350	1010	670	499	330	948	623	463	307
WRB2	1258	804	606	398	1037	687	515	345	947	633	479	316	912	606	452	298	857	563	419	277
WRC	947	622	462	306	778	511	381	252	702	463	345	n/a	620	410	305	n/a	567	378	284	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 406 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-32/AU and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1754	1221	913	616	1754	1221	913	616	1670	1060	800	530	1460	970	730	490	1298	858	620	410
WRB1	1287	819	609	410	1287	819	609	410	1103	735	546	350	998	640	480	320	860	570	430	290
WRB2	1161	739	550	371	1161	739	550	371	995	664	494	317	900	579	435	290	776	516	389	263
WRC	897	589	438	290	897	589	438	290	775	510	380	252	627	418	308	n/a	539	363	275	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1701	1134	851	540	1607	1020	770	510	1390	930	700	460	1300	870	650	430	1124	746	557	360
WRB1	1134	756	567	378	1050	670	500	330	910	610	450	300	850	560	420	280	780	520	390	260
WRB2	1022	684	513	342	948	605	452	299	821	551	407	272	768	506	380	253	704	471	353	235
WRC	813	534	398	264	732	482	359	238	649	427	319	n/a	539	352	264	n/a	484	319	242	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1617	1030	770	510	1330	890	670	440	1230	820	610	404	1170	779	579	382	1029	683	490	330
WRB1	1061	704	525	340	860	570	430	290	790	530	400	260	750	500	380	250	700	470	350	n/a
WRB2	957	636	474	308	776	516	389	263	714	479	363	235	678	452	344	n/a	633	426	318	n/a
WRC	740	487	363	240	609	402	299	n/a	551	363	272	n/a	462	308	n/a	n/a	429	286	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 406 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-32/AU and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1474	979	737	495	1474	979	737	495	1320	880	660	420	1210	767	578	389	957	638	473	319
WRB1	957	638	473	319	957	638	473	319	825	550	407	275	726	484	363	242	638	418	319	n/a
WRB2	863	577	428	290	863	577	428	290	746	497	369	249	656	437	328	n/a	576	378	289	n/a
WRC	660	440	330	n/a	660	440	330	n/a	572	374	286	n/a	407	264	n/a	n/a	363	242	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1364	913	682	451	1265	847	627	399	1133	725	546	357	1019	672	504	336	847	561	418	286
WRB1	858	572	429	286	770	517	385	253	682	451	341	n/a	627	418	308	n/a	561	374	275	n/a
WRB2	775	518	388	259	695	467	348	n/a	616	408	309	n/a	567	378	279	n/a	507	338	249	n/a
WRC	594	396	297	n/a	528	352	264	n/a	473	319	242	n/a	352	n/a	n/a	n/a	319	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1276	847	609	410	1078	693	515	347	935	620	462	315	913	588	441	294	748	506	374	253
WRB1	781	517	385	264	638	418	319	n/a	572	385	286	n/a	539	363	275	n/a	495	330	253	n/a
WRB2	705	468	348	239	576	378	289	n/a	518	349	260	n/a	487	329	249	n/a	448	299	n/a	n/a
WRC	539	363	275	n/a	451	297	n/a	n/a	407	264	n/a	n/a	297	n/a	n/a	n/a	275	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 406 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-32/AU and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1133	759	572	374	1133	759	572	374	979	649	484	330	858	572	429	286	671	451	330	n/a
WRB1	660	440	330	n/a	660	440	330	n/a	572	385	286	n/a	506	341	253	n/a	451	297	n/a	n/a
WRB2	595	398	299	n/a	595	398	299	n/a	517	348	259	n/a	457	308	n/a	n/a	407	269	n/a	n/a
WRC	473	308	n/a	n/a	473	308	n/a	n/a	407	264	n/a	n/a	286	n/a	n/a	n/a	253	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1023	682	517	341	913	616	462	308	803	539	407	264	737	495	363	242	594	396	297	n/a
WRB1	605	396	297	n/a	539	363	275	n/a	473	319	242	n/a	440	297	n/a	n/a	396	264	n/a	n/a
WRB2	546	358	268	n/a	486	328	249	n/a	428	289	n/a	n/a	398	269	n/a	n/a	358	239	n/a	n/a
WRC	418	286	n/a	n/a	374	253	n/a	n/a	341	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	924	616	462	308	759	506	374	253	682	451	341	n/a	638	429	319	n/a	528	352	264	n/a
WRB1	539	363	275	n/a	451	297	n/a	n/a	407	275	n/a	n/a	385	253	n/a	n/a	352	242	n/a	n/a
WRB2	486	328	249	n/a	407	269	n/a	n/a	368	249	n/a	n/a	348	n/a	n/a	n/a	319	n/a	n/a	n/a
WRC	385	253	n/a	n/a	308	n/a	n/a	n/a	286	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT KLIP-LOK 406 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-32/AU and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	825	550	407	275	825	550	407	275	704	473	352	n/a	627	418	319	n/a	495	330	242	n/a
WRB1	484	319	242	n/a	484	319	242	n/a	418	275	n/a	n/a	374	253	n/a	n/a	330	n/a	n/a	n/a
WRB2	437	288	n/a	n/a	437	288	n/a	n/a	378	249	n/a	n/a	338	n/a	n/a	n/a	299	n/a	n/a	n/a
WRC	341	n/a	n/a	n/a	341	n/a	n/a	n/a	297	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	737	495	363	242	671	451	330	n/a	583	385	297	n/a	539	352	264	n/a	429	286	n/a	n/a
WRB1	440	297	n/a	n/a	396	264	n/a	n/a	352	n/a	n/a	n/a	319	n/a	n/a	n/a	286	n/a	n/a	n/a
WRB2	397	269	n/a	n/a	358	239	n/a	n/a	318	n/a	n/a	n/a	289	n/a	n/a	n/a	259	n/a	n/a	n/a
WRC	308	n/a	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	671	451	330	n/a	550	374	275	n/a	495	330	253	n/a	473	308	n/a	n/a	385	253	n/a	n/a
WRB1	396	264	n/a	n/a	330	n/a	n/a	n/a	297	n/a	n/a	n/a	275	n/a	n/a	n/a	264	n/a	n/a	n/a
WRB2	358	239	n/a	n/a	299	n/a	n/a	n/a	269	n/a	n/a	n/a	249	n/a	n/a	n/a	239	n/a	n/a	n/a
WRC	286	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STRAMIT SPEED DECK ULTRA

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1940	1419	1067	715	1940	1419	1067	715	1850	1353	1012	682	1958	1309	979	649	1815	1210	902	605
WRB1	1804	1199	902	605	1804	1199	902	605	1727	1155	858	572	1661	1111	825	550	1595	1056	792	528
WRB2	1739	1092	813	547	1739	1092	813	547	1666	1040	774	517	1602	1001	745	498	1489	952	715	477
WRC	1650	1050	788	525	1650	1050	788	525	1430	950	710	480	1254	798	599	399	1090	730	550	360

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1880	1375	1034	693	1820	1331	1001	671	1914	1276	957	638	1870	1243	935	627	1738	1166	869	583
WRB1	1749	1166	880	583	1694	1133	847	561	1628	1078	814	539	1584	1056	792	528	1529	977	735	483
WRB2	1686	1050	794	527	1634	1021	764	507	1571	972	735	487	1458	953	716	478	1376	881	664	437
WRC	1450	970	730	480	1400	936	694	457	1268	828	615	405	1090	720	540	360	1050	689	512	339

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1820	1342	1001	671	1881	1254	946	627	1826	1210	913	605	1782	1188	891	594	1672	1122	836	561
WRB1	1705	1133	847	572	1595	1056	792	528	1540	1023	735	494	1449	966	690	460	1350	900	670	450
WRB2	1644	1021	764	517	1489	952	715	477	1386	923	665	447	1305	872	623	416	1217	813	606	407
WRC	1410	940	701	462	1190	778	578	381	1073	702	523	345	1011	664	494	326	937	615	458	302

PV-ezRack SolarRoof Interface spacing table for STRAMIT SPEED DECK ULTRA (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1848	1232	924	616	1848	1232	924	616	1760	1177	880	583	1694	1133	847	561	1562	1045	781	517
WRB1	1562	1045	781	517	1562	1045	781	517	1418	945	680	450	1310	870	650	438	1204	786	585	385
WRB2	1423	943	706	468	1423	943	706	468	1277	853	615	408	1181	785	588	396	1086	711	528	350
WRC	1149	752	559	369	1149	752	559	369	992	651	484	320	885	582	433	287	778	511	381	252

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1782	1188	891	594	1727	1155	858	572	1661	1111	836	550	1617	1078	777	515	1439	956	714	460
WRB1	1518	966	725	483	1330	890	670	440	1280	839	623	411	1179	771	572	378	1065	697	519	342
WRB2	1367	872	655	437	1198	804	606	398	1154	757	563	372	1064	697	518	342	961	630	469	310
WRC	1041	681	507	335	936	614	457	302	828	545	405	269	762	502	374	248	689	455	339	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1738	1155	869	583	1628	1089	814	515	1502	998	720	480	1410	940	700	470	1320	880	660	440
WRB1	1340	890	670	450	1204	786	585	385	1086	711	528	350	1024	671	499	330	948	623	463	307
WRB2	1207	804	606	407	1086	711	528	350	980	643	479	316	924	607	452	298	857	563	419	277
WRC	947	622	462	306	778	511	381	252	702	463	345	n/a	664	437	326	n/a	615	406	302	n/a

PV-ezRack SolarRoof Interface spacing table for STRAMIT SPEED DECK ULTRA (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1694	1122	847	561	1694	1122	847	561	1606	1078	803	515	1491	987	710	470	1310	870	650	440
WRB1	1300	870	650	430	1300	870	650	430	1199	784	583	384	1069	700	521	344	939	616	459	303
WRB2	1172	785	587	389	1172	785	587	389	1083	709	527	349	965	633	471	312	847	558	415	275
WRC	897	589	438	290	897	589	438	290	775	510	380	252	692	456	340	n/a	609	402	299	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1639	1089	814	550	1584	1008	756	504	1380	920	690	460	1350	896	664	438	1239	810	601	397
WRB1	1259	822	610	403	1131	740	550	363	1001	656	488	322	920	604	449	297	832	546	407	270
WRB2	1135	743	552	364	1021	669	498	329	903	593	442	292	831	546	406	269	751	495	369	244
WRC	813	534	398	264	732	482	359	238	649	427	319	n/a	596	394	294	n/a	540	357	267	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1595	1019	756	504	1360	910	678	447	1264	825	613	404	1191	779	579	382	1103	722	537	355
WRB1	1145	749	557	368	939	616	459	303	847	558	415	275	799	526	392	259	741	488	363	240
WRB2	1033	677	503	333	847	558	415	275	765	504	376	249	722	476	355	235	670	442	330	n/a
WRC	740	487	363	240	609	402	299	n/a	551	363	272	n/a	520	343	256	n/a	482	319	238	n/a

PV-ezRack SolarRoof Interface spacing table for STRAMIT SPEED DECK ULTRA (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1518	1012	759	506	1518	1012	759	506	1376	870	660	440	1260	840	630	417	1145	750	557	368
WRB1	1136	743	552	364	1136	743	552	364	981	644	479	316	875	575	428	284	770	506	377	250
WRB2	1025	672	500	331	1025	672	500	331	886	582	434	287	791	520	387	256	695	458	341	n/a
WRC	735	484	360	238	735	484	360	238	636	419	313	n/a	515	347	263	n/a	452	305	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1407	935	704	450	1290	860	640	430	1221	798	592	392	1121	734	545	360	1013	664	494	327
WRB1	1029	674	502	332	926	608	453	299	819	539	401	266	754	496	370	245	680	449	335	n/a
WRB2	929	610	454	300	836	549	410	271	740	487	363	240	681	448	335	n/a	615	406	303	n/a
WRC	667	439	328	n/a	601	396	296	n/a	532	352	263	n/a	452	294	n/a	n/a	410	273	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1300	860	650	430	1145	750	557	368	1033	677	504	333	973	638	476	314	902	593	441	292
WRB1	937	614	458	302	770	506	377	250	695	458	341	n/a	656	433	322	n/a	608	401	299	n/a
WRB2	845	555	414	274	695	458	341	n/a	629	415	310	n/a	593	392	292	n/a	550	363	271	n/a
WRC	608	401	299	n/a	501	331	247	n/a	453	299	n/a	n/a	389	263	n/a	n/a	368	242	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for

STRAMIT SPEED DECK ULTRA (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1386	924	693	462	1386	924	693	462	1210	803	605	407	1078	715	539	363	902	594	451	297
WRB1	891	594	440	297	891	594	440	297	770	517	385	253	682	462	341	n/a	605	396	297	n/a
WRB2	804	537	398	270	804	537	398	270	696	467	349	n/a	617	417	308	n/a	546	358	269	n/a
WRC	605	407	297	n/a	605	407	297	n/a	528	352	264	n/a	385	253	n/a	n/a	341	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1265	847	638	418	1133	759	572	374	1001	671	506	330	913	605	462	308	792	528	396	264
WRB1	803	539	407	264	726	484	363	242	638	429	319	n/a	594	396	297	n/a	528	352	264	n/a
WRB2	725	488	368	239	655	437	328	n/a	577	388	289	n/a	537	358	269	n/a	478	318	239	n/a
WRC	550	363	275	n/a	484	330	242	n/a	440	286	n/a	n/a	330	n/a	n/a	n/a	297	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1155	770	572	385	935	627	462	308	847	561	418	286	792	528	396	264	704	473	352	n/a
WRB1	737	495	363	242	605	396	297	n/a	539	363	275	n/a	517	341	253	n/a	473	319	242	n/a
WRB2	665	448	328	n/a	546	358	269	n/a	488	329	250	n/a	467	309	n/a	n/a	428	289	n/a	n/a
WRC	495	330	253	n/a	407	275	n/a	n/a	374	253	n/a	n/a	286	n/a	n/a	n/a	275	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for

STRAMIT SPEED DECK ULTRA (cont)

Type of Rail	ER-R-ECO (Refer to Note 10 for other compatible rails)
Type of Interface	ER-I-09 and ER-I-34
Solar Panel Dimension	2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1012	671	506	341	1012	671	506	341	869	583	440	286	770	517	385	253	649	429	330	n/a
WRB1	649	429	330	n/a	649	429	330	n/a	561	374	275	n/a	495	330	253	n/a	440	297	n/a	n/a
WRB2	586	388	299	n/a	586	388	299	n/a	507	338	249	n/a	448	299	n/a	n/a	398	269	n/a	n/a
WRC	440	297	n/a	n/a	440	297	n/a	n/a	385	253	n/a	n/a	286	n/a	n/a	n/a	253	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	913	605	462	308	825	550	418	275	726	484	363	242	671	451	330	n/a	572	385	286	n/a
WRB1	594	396	297	n/a	528	352	264	n/a	462	308	n/a	n/a	429	286	n/a	n/a	385	264	n/a	n/a
WRB2	537	358	269	n/a	477	318	239	n/a	417	279	n/a	n/a	388	259	n/a	n/a	349	239	n/a	n/a
WRC	396	264	n/a	n/a	363	242	n/a	n/a	319	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	836	561	418	275	682	451	341	n/a	616	407	308	n/a	583	385	286	n/a	517	341	253	n/a
WRB1	528	352	264	n/a	440	297	n/a	n/a	396	264	n/a	n/a	374	253	n/a	n/a	352	n/a	n/a	n/a
WRB2	478	319	239	n/a	398	269	n/a	n/a	359	239	n/a	n/a	339	n/a	n/a	n/a	319	n/a	n/a	n/a
WRC	363	242	n/a	n/a	297	n/a	n/a	n/a	275	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
FIELDERS KINGKLIP 700

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1940	1419	1067	715	1940	1419	1067	715	1850	1353	1012	682	1958	1309	979	649	1815	1210	902	605
WRB1	1804	1199	902	605	1804	1199	902	605	1727	1155	858	572	1661	1111	825	550	1595	1056	792	528
WRB2	1739	1092	813	547	1739	1092	813	547	1666	1040	774	517	1602	1001	745	498	1489	952	715	477
WRC	1573	1045	792	504	1573	1045	792	504	1428	910	680	450	1254	798	599	399	1090	730	550	360

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1880	1375	1034	693	1820	1331	1001	671	1914	1276	957	638	1870	1243	935	627	1738	1166	869	583
WRB1	1749	1166	880	583	1694	1133	847	561	1628	1078	814	539	1584	1056	792	528	1529	977	735	483
WRB2	1686	1050	794	527	1634	1021	764	507	1571	972	735	487	1458	953	716	478	1376	881	664	437
WRC	1449	966	725	460	1340	890	670	450	1268	828	615	405	1090	720	540	360	1050	689	512	339

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1820	1342	1001	671	1881	1254	946	627	1826	1210	913	605	1782	1188	891	594	1672	1122	836	561
WRB1	1705	1133	847	572	1595	1056	792	528	1540	1023	735	494	1449	966	690	460	1350	900	670	450
WRB2	1644	1021	764	517	1489	952	715	477	1386	923	665	447	1305	872	623	416	1217	813	606	407
WRC	1350	900	670	450	1190	778	578	381	1073	702	523	345	1011	664	494	326	937	615	458	302

PV-ezRack SolarRoof Interface spacing table for
FIELDERS KINGKLIP 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1848	1232	924	616	1848	1232	924	616	1760	1177	880	583	1694	1133	847	561	1562	1045	781	517
WRB1	1562	1045	781	517	1562	1045	781	517	1418	945	680	450	1310	870	650	438	1204	786	585	385
WRB2	1423	943	706	468	1423	943	706	468	1277	853	615	408	1181	785	588	396	1086	711	528	350
WRC	1149	752	559	369	1149	752	559	369	992	651	484	320	885	582	433	287	778	511	381	252

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1782	1188	891	594	1727	1155	858	572	1661	1111	836	550	1617	1078	777	515	1439	956	714	460
WRB1	1518	966	725	483	1330	890	670	440	1280	839	623	411	1179	771	572	378	1065	697	519	342
WRB2	1367	872	655	437	1198	804	606	398	1154	757	563	372	1064	697	518	342	961	630	469	310
WRC	1041	681	507	335	936	614	457	302	828	545	405	269	762	502	374	248	689	455	339	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1738	1155	869	583	1628	1089	814	515	1502	998	720	480	1410	940	700	470	1320	880	660	440
WRB1	1340	890	670	450	1204	786	585	385	1086	711	528	350	1024	671	499	330	948	623	463	307
WRB2	1207	804	606	407	1086	711	528	350	980	643	479	316	924	607	452	298	857	563	419	277
WRC	947	622	462	306	778	511	381	252	702	463	345	n/a	664	437	326	n/a	615	406	302	n/a

PV-ezRack SolarRoof Interface spacing table for
FIELDERS KINGKLIP 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1694	1122	847	561	1694	1122	847	561	1606	1078	803	515	1491	987	710	470	1310	870	650	440
WRB1	1300	870	650	430	1300	870	650	430	1199	784	583	384	1069	700	521	344	939	616	459	303
WRB2	1172	785	587	389	1172	785	587	389	1083	709	527	349	965	633	471	312	847	558	415	275
WRC	897	589	438	290	897	589	438	290	775	510	380	252	692	456	340	n/a	609	402	299	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1639	1089	814	550	1584	1008	756	504	1380	920	690	460	1350	896	664	438	1239	810	601	397
WRB1	1259	822	610	403	1131	740	550	363	1001	656	488	322	920	604	449	297	832	546	407	270
WRB2	1135	743	552	364	1021	669	498	329	903	593	442	292	831	546	406	269	751	495	369	244
WRC	813	534	398	264	732	482	359	238	649	427	319	n/a	596	394	294	n/a	540	357	267	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1595	1019	756	504	1360	910	678	447	1264	825	613	404	1191	779	579	382	1103	722	537	355
WRB1	1145	749	557	368	939	616	459	303	847	558	415	275	799	526	392	259	741	488	363	240
WRB2	1033	677	503	333	847	558	415	275	765	504	376	249	722	476	355	235	670	442	330	n/a
WRC	740	487	363	240	609	402	299	n/a	551	363	272	n/a	520	343	256	n/a	482	319	238	n/a

PV-ezRack SolarRoof Interface spacing table for
FIELDERS KINGKLIP 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1518	1012	759	506	1518	1012	759	506	1376	870	660	440	1260	840	630	417	1145	750	557	368
WRB1	1136	743	552	364	1136	743	552	364	980	644	479	316	870	575	428	284	760	506	377	250
WRB2	1025	672	500	331	1025	672	500	331	886	582	434	287	786	520	387	256	686	458	341	n/a
WRC	730	484	360	238	730	484	360	238	630	419	313	n/a	515	352	264	n/a	452	308	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1407	935	704	450	1290	860	640	430	1221	798	592	392	1121	734	545	360	1013	664	494	327
WRB1	1029	674	502	332	920	608	453	299	819	539	401	266	750	496	370	245	680	449	335	n/a
WRB2	929	610	454	300	830	549	410	271	740	487	363	240	678	448	335	n/a	615	406	303	n/a
WRC	660	439	328	n/a	590	390	296	n/a	520	350	260	n/a	462	294	n/a	n/a	418	275	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1300	860	650	430	1145	750	557	368	1033	677	504	333	973	638	476	314	900	593	441	292
WRB1	930	614	458	302	760	506	377	250	680	458	340	n/a	650	430	320	n/a	600	400	299	n/a
WRB2	839	555	414	274	686	458	341	n/a	615	415	309	n/a	588	389	290	n/a	543	362	271	n/a
WRC	600	400	299	n/a	490	330	247	n/a	450	299	n/a	n/a	389	264	n/a	n/a	374	242	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
FIELDERS KINGKLIP 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1386	924	693	462	1386	924	693	462	1177	781	594	396	1045	693	528	352	880	583	440	297
WRB1	869	583	440	286	869	583	440	286	748	506	374	253	671	451	330	n/a	594	396	297	n/a
WRB2	784	527	398	260	784	527	398	260	676	457	339	n/a	607	407	298	n/a	536	358	269	n/a
WRC	572	374	286	n/a	572	374	286	n/a	495	330	242	n/a	374	253	n/a	n/a	330	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1243	825	616	418	1111	737	550	374	979	649	484	330	902	594	451	297	781	517	385	264
WRB1	792	528	396	264	715	473	352	242	627	418	308	n/a	572	385	286	n/a	528	352	264	n/a
WRB2	715	478	358	239	645	427	319	n/a	567	378	279	n/a	517	348	259	n/a	478	318	239	n/a
WRC	506	341	253	n/a	462	308	n/a	n/a	407	275	n/a	n/a	319	n/a	n/a	n/a	297	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1122	748	561	374	913	605	462	308	825	550	418	275	770	517	385	253	693	462	352	n/a
WRB1	715	484	363	242	594	396	297	n/a	528	352	264	n/a	495	330	253	n/a	462	308	n/a	n/a
WRB2	645	438	328	n/a	536	358	269	n/a	478	319	240	n/a	447	299	n/a	n/a	418	279	n/a	n/a
WRC	462	308	n/a	n/a	385	253	n/a	n/a	352	n/a	n/a	n/a	286	n/a	n/a	n/a	264	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for

FIELDERS KINGKLIP 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	990	660	495	330	990	660	495	330	858	572	429	286	770	506	385	253	638	429	319	n/a
WRB1	638	418	319	n/a	638	418	319	n/a	550	363	275	n/a	495	330	242	n/a	429	286	n/a	n/a
WRB2	576	378	289	n/a	576	378	289	n/a	497	328	249	n/a	448	299	n/a	n/a	388	259	n/a	n/a
WRC	418	275	n/a	n/a	418	275	n/a	n/a	352	242	n/a	n/a	275	n/a	n/a	n/a	242	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	902	594	451	297	814	539	407	275	715	473	352	242	649	429	330	n/a	572	374	286	n/a
WRB1	572	385	286	n/a	517	341	253	n/a	462	308	n/a	n/a	418	286	n/a	n/a	385	253	n/a	n/a
WRB2	517	348	259	n/a	467	308	n/a	n/a	417	279	n/a	n/a	378	259	n/a	n/a	349	n/a	n/a	n/a
WRC	374	253	n/a	n/a	341	n/a	n/a	n/a	308	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	814	550	407	275	671	451	330	n/a	605	407	308	n/a	572	385	286	n/a	506	341	253	n/a
WRB1	528	352	264	n/a	429	286	n/a	n/a	385	264	n/a	n/a	374	253	n/a	n/a	341	n/a	n/a	n/a
WRB2	478	319	239	n/a	388	259	n/a	n/a	349	239	n/a	n/a	339	n/a	n/a	n/a	309	n/a	n/a	n/a
WRC	341	n/a	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STRATCO TOPDECK 700

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1940	1419	1067	715	1940	1419	1067	715	1850	1353	1012	682	1958	1309	979	649	1815	1210	902	605
WRB1	1804	1199	902	605	1804	1199	902	605	1727	1155	858	572	1595	1067	803	528	1463	979	737	484
WRB2	1739	1092	813	547	1739	1092	813	547	1666	1040	774	517	1539	962	726	478	1365	883	666	437
WRC	1408	946	704	473	1408	946	704	473	1276	847	638	429	1012	671	506	341	913	616	462	308

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1880	1375	1034	693	1820	1331	1001	671	1914	1276	957	638	1870	1243	935	627	1738	1166	869	583
WRB1	1749	1166	880	583	1661	1111	825	550	1529	1023	770	506	1441	957	715	484	1342	891	671	451
WRB2	1686	1050	794	527	1602	1001	744	497	1476	923	695	457	1326	863	646	438	1208	804	607	408
WRC	1320	880	660	440	1221	814	605	407	1122	748	561	374	902	605	451	297	836	561	418	275

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1820	1342	1001	671	1881	1254	946	627	1826	1210	913	605	1782	1188	891	594	1628	1089	814	539
WRB1	1672	1122	836	561	1463	979	737	484	1364	913	682	451	1298	869	649	429	1232	825	616	407
WRB2	1613	1011	754	507	1365	883	666	437	1228	824	617	409	1169	784	586	388	1110	746	557	368
WRC	1232	825	616	407	1056	704	528	352	979	649	473	315	803	539	407	264	759	506	385	253

PV-ezRack SolarRoof Interface spacing table for STRATCO TOPDECK 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1848	1232	924	616	1848	1232	924	616	1749	1166	880	583	1617	1078	814	539	1419	946	715	473
WRB1	1408	946	704	473	1408	946	704	473	1276	847	638	429	1166	781	583	385	1056	704	528	352
WRB2	1283	854	636	428	1283	854	636	428	1149	765	577	388	1051	705	528	348	952	636	477	319
WRC	1023	682	517	341	1023	682	517	341	913	605	441	294	715	484	363	242	649	429	319	n/a

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1782	1188	891	594	1683	1122	836	561	1551	1034	770	517	1463	979	726	484	1298	869	649	429
WRB1	1320	880	660	440	1221	814	605	407	1122	748	561	374	1045	693	517	352	968	638	484	319
WRB2	1188	794	597	398	1100	735	547	368	1012	675	507	339	943	627	468	319	873	577	438	289
WRC	946	627	473	305	869	557	420	273	756	504	378	252	627	418	319	n/a	561	374	286	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1694	1133	847	561	1474	990	737	495	1375	913	682	462	1320	880	660	440	1199	803	605	396
WRB1	1232	825	616	407	1056	704	528	352	979	649	495	315	935	627	452	308	880	583	420	284
WRB2	1110	745	557	368	952	636	477	319	883	587	449	285	844	567	409	279	795	527	380	256
WRC	880	583	420	284	714	473	357	n/a	641	431	315	n/a	539	363	275	n/a	506	341	253	n/a

PV-ezRack SolarRoof Interface spacing table for
STRATCO TOPDECK 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1507	1001	748	506	1507	1001	748	506	1353	902	682	451	1254	836	627	418	1089	726	550	363
WRB1	1078	726	539	363	1078	726	539	363	968	638	484	319	880	583	440	297	792	528	396	264
WRB2	972	655	487	329	972	655	487	329	874	577	438	289	794	527	398	269	715	478	358	239
WRC	770	517	385	253	770	517	385	253	682	451	341	n/a	517	352	264	n/a	462	308	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1408	935	704	473	1298	869	649	429	1188	792	594	396	1122	748	561	374	990	660	495	330
WRB1	1012	671	506	341	924	616	462	308	836	561	418	275	792	528	396	264	715	484	363	242
WRB2	912	607	458	308	834	557	418	279	754	507	378	249	715	477	358	239	645	438	328	n/a
WRC	715	473	352	242	638	429	319	n/a	572	374	286	n/a	451	297	n/a	n/a	407	264	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1309	869	660	440	1133	759	572	374	1045	693	528	352	1001	671	506	330	902	605	451	297
WRB1	935	616	462	308	792	528	396	264	737	495	363	242	693	462	352	n/a	649	429	330	n/a
WRB2	844	557	418	279	715	478	358	239	666	447	329	n/a	627	418	319	n/a	586	388	299	n/a
WRC	649	429	330	n/a	528	352	264	n/a	473	319	242	n/a	385	264	n/a	n/a	363	242	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STRATCO TOPDECK 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1144	759	572	385	1144	759	572	385	1023	682	506	341	935	627	462	308	814	539	407	275
WRB1	803	539	407	264	803	539	407	264	682	462	341	n/a	605	407	308	n/a	528	352	264	n/a
WRB2	724	487	368	240	724	487	368	240	616	418	309	n/a	547	368	279	n/a	477	318	239	n/a
WRC	517	341	253	n/a	517	341	253	n/a	440	297	n/a	n/a	341	n/a	n/a	n/a	297	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1056	704	528	352	979	649	484	330	891	594	440	297	825	550	418	275	715	473	352	242
WRB1	726	484	363	242	649	429	330	n/a	572	385	286	n/a	528	352	264	n/a	473	319	242	n/a
WRB2	656	438	328	n/a	586	388	299	n/a	517	348	259	n/a	477	318	239	n/a	428	288	n/a	n/a
WRC	462	308	n/a	n/a	418	275	n/a	n/a	374	253	n/a	n/a	297	n/a	n/a	n/a	264	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	990	660	495	330	847	561	418	286	759	506	374	253	715	473	352	242	638	418	319	n/a
WRB1	660	440	330	n/a	528	352	264	n/a	484	319	242	n/a	462	308	n/a	n/a	418	286	n/a	n/a
WRB2	596	398	298	n/a	477	318	239	n/a	438	289	n/a	n/a	418	279	n/a	n/a	378	259	n/a	n/a
WRC	418	286	n/a	n/a	352	n/a	n/a	n/a	308	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for STRATCO TOPDECK 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	880	583	440	297	880	583	440	297	759	506	374	253	671	451	330	n/a	572	374	286	n/a
WRB1	561	374	275	n/a	561	374	275	n/a	484	319	242	n/a	429	286	n/a	n/a	385	253	n/a	n/a
WRB2	506	338	249	n/a	506	338	249	n/a	437	288	n/a	n/a	388	258	n/a	n/a	348	n/a	n/a	n/a
WRC	363	242	n/a	n/a	363	242	n/a	n/a	308	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	792	528	396	264	715	473	352	242	627	418	308	n/a	572	385	286	n/a	495	330	253	n/a
WRB1	506	341	253	n/a	462	308	n/a	n/a	407	275	n/a	n/a	374	253	n/a	n/a	341	n/a	n/a	n/a
WRB2	457	309	n/a	n/a	417	278	n/a	n/a	368	249	n/a	n/a	338	n/a	n/a	n/a	308	n/a	n/a	n/a
WRC	330	n/a	n/a	n/a	297	n/a	n/a	n/a	264	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	726	484	363	242	594	396	297	n/a	528	352	264	n/a	506	330	253	n/a	440	297	n/a	n/a
WRB1	462	308	n/a	n/a	385	253	n/a	n/a	341	n/a	n/a	n/a	319	n/a	n/a	n/a	297	n/a	n/a	n/a
WRB2	417	279	n/a	n/a	348	n/a	n/a	n/a	309	n/a	n/a	n/a	288	n/a	n/a	n/a	269	n/a	n/a	n/a
WRC	297	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STRATCO TOPDECK 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	638	418	319	n/a	638	418	319	n/a	550	363	275	n/a	484	319	242	n/a	418	275	n/a	n/a
WRB1	407	275	n/a	n/a	407	275	n/a	n/a	352	242	n/a	n/a	308	n/a	n/a	n/a	275	n/a	n/a	n/a
WRB2	367	248	n/a	n/a	367	248	n/a	n/a	318	n/a	n/a	n/a	279	n/a	n/a	n/a	249	n/a	n/a	n/a
WRC	264	n/a	n/a	n/a	264	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	572	385	286	n/a	517	341	264	n/a	462	308	n/a	n/a	418	286	n/a	n/a	363	242	n/a	n/a
WRB1	374	253	n/a	n/a	330	n/a	n/a	n/a	297	n/a	n/a	n/a	275	n/a	n/a	n/a	242	n/a	n/a	n/a
WRB2	338	n/a	n/a	n/a	298	n/a	n/a	n/a	268	n/a	n/a	n/a	249	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	517	341	264	n/a	429	286	n/a	n/a	385	253	n/a	n/a	363	242	n/a	n/a	319	n/a	n/a	n/a
WRB1	341	n/a	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	308	n/a	n/a	n/a	249	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT LONGLINE 305

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1661	1111	836	550	1661	1111	836	550	1584	1056	792	528	1529	1023	770	506	1386	924	693	462
WRB1	1562	1045	781	517	1562	1045	781	517	1496	1001	748	495	1441	957	715	484	1298	869	649	429
WRB2	1505	952	704	467	1505	952	704	467	1443	902	675	447	1390	863	646	438	1211	783	586	387
WRC	1573	1045	792	504	1573	1045	792	504	1428	910	680	450	1254	798	599	399	1082	725	536	357

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1617	1078	803	539	1562	1045	781	517	1496	1001	748	495	1463	968	726	484	1298	869	649	429
WRB1	1518	1012	759	506	1463	979	737	484	1408	935	704	473	1375	913	682	462	1243	836	627	418
WRB2	1463	911	685	458	1411	882	665	438	1359	843	635	428	1265	824	616	418	1119	754	567	378
WRC	1449	966	725	460	1340	890	670	450	1268	828	615	405	1090	720	540	360	990	660	500	330

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1573	1045	781	517	1474	979	737	495	1419	946	715	473	1397	935	693	462	1221	814	616	407
WRB1	1474	979	737	495	1375	924	693	462	1331	891	671	440	1309	880	660	440	1155	770	583	385
WRB2	1422	882	665	447	1283	833	626	417	1198	804	607	399	1179	794	596	398	1041	696	527	348
WRC	1350	900	670	450	1190	778	578	381	1073	702	523	345	1011	664	494	326	910	600	450	300

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT LONGLINE 305 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1441	957	726	484	1441	957	726	484	1375	913	693	462	1331	880	660	440	1210	792	594	396
WRB1	1353	902	682	451	1353	902	682	451	1287	858	649	429	1243	836	599	399	1122	714	536	357
WRB2	1233	814	616	408	1233	814	616	408	1159	775	587	388	1120	755	542	361	1011	645	484	324
WRC	1149	752	559	369	1149	752	559	369	992	651	484	320	885	582	433	287	778	511	381	252

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1397	935	693	462	1353	902	671	451	1298	869	649	429	1265	847	638	418	1122	748	561	374
WRB1	1309	880	660	440	1265	847	638	418	1166	777	588	389	1080	720	540	360	980	660	490	330
WRB2	1178	794	597	398	1140	765	577	378	1051	701	531	352	974	651	488	326	884	596	443	299
WRC	1041	681	507	335	936	614	457	302	828	545	405	269	762	502	374	248	689	455	339	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1353	902	682	451	1276	847	638	429	1232	825	616	407	1210	803	605	407	1067	715	528	352
WRB1	1276	847	638	429	1090	720	540	360	1050	700	528	350	1024	671	499	330	910	600	450	300
WRB2	1149	765	577	388	983	651	488	327	947	633	479	316	924	607	452	298	822	542	407	271
WRC	947	622	462	306	778	511	381	252	702	463	345	n/a	664	437	326	n/a	590	400	300	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT LONGLINE 305 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1320	880	660	440	1320	880	660	440	1254	836	627	418	1221	814	605	407	1100	737	550	363
WRB1	1243	825	616	399	1243	825	616	399	1134	720	540	360	1010	670	500	340	850	570	430	280
WRB2	1121	745	556	361	1121	745	556	361	1024	651	488	327	912	606	453	308	767	516	389	254
WRC	897	589	438	290	897	589	438	290	775	510	380	252	690	456	340	n/a	560	380	280	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1276	858	638	429	1243	825	616	418	1188	792	594	396	1166	770	583	385	1034	682	517	341
WRB1	1145	767	578	378	1050	700	530	350	950	640	480	320	890	600	449	297	770	510	390	260
WRB2	1032	693	523	342	948	632	479	317	857	579	435	290	804	543	406	269	695	462	353	235
WRC	813	534	398	264	732	482	359	238	649	427	319	n/a	590	394	294	n/a	500	330	250	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1243	825	627	418	1166	781	583	385	1133	748	561	374	1111	704	525	357	957	638	484	319
WRB1	1060	710	530	350	910	600	450	300	830	558	415	275	790	526	392	259	704	462	330	n/a
WRB2	957	642	479	317	821	543	407	272	750	504	376	249	714	476	355	235	636	418	299	n/a
WRC	740	487	363	240	609	402	299	n/a	551	363	272	n/a	510	340	256	n/a	452	294	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT LONGLINE 305 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1188	792	594	396	1188	792	594	396	1133	748	561	374	1056	704	528	352	891	594	451	297
WRB1	1001	671	506	330	1001	671	506	330	869	572	429	286	770	517	385	253	638	418	319	n/a
WRB2	903	607	458	300	903	607	458	300	785	517	389	259	696	467	348	n/a	576	378	289	n/a
WRC	680	450	340	n/a	680	450	340	n/a	580	390	290	n/a	495	330	242	n/a	407	275	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1144	770	572	385	1111	737	550	374	1001	671	506	330	935	627	473	308	770	517	385	253
WRB1	913	605	451	308	814	539	407	275	715	484	363	242	660	440	330	n/a	561	374	275	n/a
WRB2	824	548	408	279	735	487	368	249	646	438	329	n/a	597	398	299	n/a	507	338	249	n/a
WRC	610	410	300	n/a	550	360	270	n/a	504	320	240	n/a	429	286	n/a	n/a	363	242	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1111	748	561	374	946	638	473	319	858	572	429	286	803	539	407	264	671	451	330	n/a
WRB1	825	550	407	275	671	451	341	n/a	605	407	308	n/a	572	385	286	n/a	473	319	242	n/a
WRB2	745	497	368	249	606	408	309	n/a	547	369	280	n/a	517	349	259	n/a	428	289	n/a	n/a
WRC	578	370	280	n/a	473	300	n/a	n/a	410	284	n/a	n/a	363	242	n/a	n/a	308	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for LYSAGHT LONGLINE 305 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1001	660	495	330	1001	660	495	330	858	572	429	286	759	506	374	253	616	418	308	n/a
WRB1	704	473	352	n/a	704	473	352	n/a	605	396	297	n/a	539	352	264	n/a	440	297	n/a	n/a
WRB2	635	428	319	n/a	635	428	319	n/a	547	358	269	n/a	487	318	239	n/a	397	269	n/a	n/a
WRC	528	352	264	n/a	528	352	264	n/a	451	297	n/a	n/a	352	n/a	n/a	n/a	286	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	902	605	451	297	803	539	407	264	704	473	352	n/a	649	429	319	n/a	539	363	264	n/a
WRB1	627	418	319	n/a	572	385	286	n/a	506	341	253	n/a	462	308	n/a	n/a	396	264	n/a	n/a
WRB2	566	378	288	n/a	516	348	259	n/a	457	308	n/a	n/a	418	279	n/a	n/a	358	239	n/a	n/a
WRC	473	319	242	n/a	418	286	n/a	n/a	385	253	n/a	n/a	297	n/a	n/a	n/a	253	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	814	539	407	275	660	440	330	n/a	594	396	297	n/a	561	374	286	n/a	473	319	n/a	n/a
WRB1	583	385	286	n/a	473	308	n/a	n/a	429	286	n/a	n/a	407	264	n/a	n/a	341	n/a	n/a	n/a
WRB2	526	348	258	n/a	427	279	n/a	n/a	388	259	n/a	n/a	368	239	n/a	n/a	309	n/a	n/a	n/a
WRC	429	286	n/a	n/a	352	242	n/a	n/a	319	n/a	n/a	n/a	264	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
LYSAGHT LONGLINE 305 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	726	484	363	242	726	484	363	242	616	418	308	n/a	550	363	275	n/a	451	297	n/a	n/a
WRB1	517	341	253	n/a	517	341	253	n/a	440	297	n/a	n/a	396	264	n/a	n/a	319	n/a	n/a	n/a
WRB2	467	308	n/a	n/a	467	308	n/a	n/a	398	268	n/a	n/a	358	239	n/a	n/a	289	n/a	n/a	n/a
WRC	385	253	n/a	n/a	385	253	n/a	n/a	330	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	649	429	319	n/a	583	385	297	n/a	517	341	253	n/a	473	319	242	n/a	396	264	n/a	n/a
WRB1	462	308	n/a	n/a	418	275	n/a	n/a	363	242	n/a	n/a	341	n/a	n/a	n/a	286	n/a	n/a	n/a
WRB2	417	279	n/a	n/a	378	249	n/a	n/a	328	n/a	n/a	n/a	308	n/a	n/a	n/a	259	n/a	n/a	n/a
WRC	352	n/a	n/a	n/a	308	n/a	n/a	n/a	275	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	594	396	297	n/a	484	319	242	n/a	429	286	n/a	n/a	418	275	n/a	n/a	341	n/a	n/a	n/a
WRB1	418	275	n/a	n/a	341	n/a	n/a	n/a	319	n/a	n/a	n/a	297	n/a	n/a	n/a	242	n/a	n/a	n/a
WRB2	378	249	n/a	n/a	309	n/a	n/a	n/a	289	n/a	n/a	n/a	269	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	308	n/a	n/a	n/a	264	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
METROLL METLOK 700

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1940	1419	1067	715	1940	1419	1067	715	1850	1353	1012	682	1958	1309	979	649	1804	1199	902	605
WRB1	1793	1199	902	594	1793	1199	902	594	1628	1089	814	539	1507	1001	748	506	1375	924	693	462
WRB2	1728	1092	813	537	1728	1092	813	537	1570	981	734	487	1454	902	676	458	1283	833	626	417
WRC	1441	957	715	484	1441	957	715	484	1287	858	649	429	957	638	484	319	869	572	429	286

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1880	1375	1034	693	1820	1331	1001	671	1914	1276	957	638	1848	1232	924	616	1672	1111	836	561
WRB1	1683	1122	847	561	1562	1045	781	517	1441	957	715	484	1364	913	682	451	1265	836	627	418
WRB2	1623	1010	764	507	1506	942	705	468	1391	863	645	437	1255	824	616	408	1139	754	567	378
WRC	1331	891	671	440	1232	825	616	407	1122	748	561	374	847	572	429	286	792	528	396	264

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1820	1342	1001	671	1870	1254	935	627	1749	1166	880	583	1694	1122	847	561	1540	1023	770	517
WRB1	1584	1056	792	528	1375	924	693	462	1287	858	638	429	1232	814	616	407	1155	770	583	385
WRB2	1528	951	715	477	1283	833	626	417	1159	774	577	389	1110	735	556	368	1041	696	527	348
WRC	1243	825	627	418	1078	715	539	347	990	660	473	315	759	506	385	253	715	484	363	242

PV-ezRack SolarRoof Interface spacing table for METROLL METLOK 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1826	1210	913	605	1826	1210	913	605	1650	1100	825	550	1529	1023	770	506	1342	902	671	451
WRB1	1342	891	671	451	1342	891	671	451	1199	803	605	396	1111	737	550	374	1001	671	495	330
WRB2	1223	804	606	408	1223	804	606	408	1080	725	547	359	1001	665	498	338	902	606	447	299
WRC	1034	693	517	341	1034	693	517	341	924	588	441	294	682	451	341	n/a	605	407	308	n/a

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1705	1133	858	572	1595	1067	792	528	1463	979	726	484	1386	924	693	462	1232	825	616	407
WRB1	1243	825	627	418	1155	770	572	385	1045	704	528	352	979	649	495	330	913	605	462	308
WRB2	1119	744	567	378	1041	696	517	348	942	635	477	319	883	587	448	299	824	547	418	279
WRC	968	638	462	305	880	557	420	284	767	504	378	252	594	396	297	n/a	539	352	264	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1606	1067	803	539	1397	935	704	462	1298	869	649	429	1243	825	616	418	1133	759	572	374
WRB1	1155	770	583	385	1001	671	495	330	924	616	462	308	880	583	440	297	825	550	418	275
WRB2	1040	696	527	348	902	606	447	299	834	557	419	278	794	527	398	269	746	497	378	249
WRC	891	567	420	284	725	483	357	n/a	641	431	326	n/a	517	341	253	n/a	473	319	242	n/a

PV-ezRack SolarRoof Interface spacing table for METROLL METLOK 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1430	946	715	473	1430	946	715	473	1287	858	638	429	1177	781	594	396	1034	693	517	341
WRB1	1023	682	517	341	1023	682	517	341	913	605	462	308	836	561	418	275	748	506	374	253
WRB2	923	616	467	309	923	616	467	309	824	547	418	279	755	507	378	249	675	458	338	n/a
WRC	781	517	396	264	781	517	396	264	693	462	341	n/a	495	330	242	n/a	429	286	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1331	891	660	440	1232	825	616	407	1122	748	561	374	1056	704	528	352	935	627	473	308
WRB1	946	627	473	319	869	583	440	286	792	528	396	264	737	495	363	242	682	451	341	n/a
WRB2	853	567	428	288	784	527	398	259	715	477	359	239	665	448	328	n/a	616	409	308	n/a
WRC	715	484	363	242	649	429	319	n/a	572	385	286	n/a	429	286	n/a	n/a	385	253	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1243	825	616	418	1078	715	539	363	990	660	495	330	946	627	473	319	858	572	429	286
WRB1	880	583	440	297	748	506	374	253	693	462	352	n/a	660	440	330	n/a	605	407	308	n/a
WRB2	794	527	398	269	675	458	338	n/a	626	418	319	n/a	597	398	299	n/a	547	368	280	n/a
WRC	660	440	330	n/a	539	363	264	n/a	484	319	242	n/a	363	242	n/a	n/a	341	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for METROLL METLOK 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1078	715	539	363	1078	715	539	363	957	638	484	319	880	583	440	297	759	506	385	253
WRB1	759	506	385	253	759	506	385	253	649	429	330	n/a	572	385	286	n/a	506	341	253	n/a
WRB2	685	457	348	n/a	685	457	348	n/a	586	388	299	n/a	517	348	259	n/a	457	308	n/a	n/a
WRC	517	341	264	n/a	517	341	264	n/a	440	297	n/a	n/a	319	n/a	n/a	n/a	286	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1001	671	506	330	924	616	462	308	836	561	418	275	770	517	385	253	671	451	330	n/a
WRB1	682	462	341	n/a	605	407	308	n/a	539	363	275	n/a	495	330	253	n/a	451	297	n/a	n/a
WRB2	616	418	308	n/a	546	368	279	n/a	487	328	249	n/a	447	299	n/a	n/a	408	269	n/a	n/a
WRC	473	319	n/a	n/a	429	286	n/a	n/a	374	253	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	935	627	462	308	792	528	396	264	715	473	352	242	671	451	330	n/a	605	396	297	n/a
WRB1	616	407	308	n/a	506	341	253	n/a	462	308	n/a	n/a	429	286	n/a	n/a	396	264	n/a	n/a
WRB2	556	368	278	n/a	457	308	n/a	n/a	418	279	n/a	n/a	388	259	n/a	n/a	358	239	n/a	n/a
WRC	429	286	n/a	n/a	352	n/a	n/a	n/a	319	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for METROLL METLOK 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	836	561	418	275	836	561	418	275	715	473	352	242	638	418	319	n/a	528	352	264	n/a
WRB1	528	352	264	n/a	528	352	264	n/a	462	308	n/a	n/a	407	275	n/a	n/a	352	242	n/a	n/a
WRB2	476	318	239	n/a	476	318	239	n/a	417	278	n/a	n/a	368	248	n/a	n/a	318	n/a	n/a	n/a
WRC	363	242	n/a	n/a	363	242	n/a	n/a	319	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	748	495	374	253	671	451	330	n/a	594	396	297	n/a	550	363	275	n/a	473	319	242	n/a
WRB1	473	319	242	n/a	429	286	n/a	n/a	385	253	n/a	n/a	352	n/a	n/a	n/a	308	n/a	n/a	n/a
WRB2	427	289	n/a	n/a	387	258	n/a	n/a	348	n/a	n/a	n/a	318	n/a	n/a	n/a	279	n/a	n/a	n/a
WRC	341	n/a	n/a	n/a	297	n/a	n/a	n/a	264	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	682	451	341	n/a	550	374	275	n/a	506	330	253	n/a	462	308	n/a	n/a	418	275	n/a	n/a
WRB1	429	286	n/a	n/a	352	242	n/a	n/a	319	n/a	n/a	n/a	308	n/a	n/a	n/a	275	n/a	n/a	n/a
WRB2	387	259	n/a	n/a	318	n/a	n/a	n/a	289	n/a	n/a	n/a	278	n/a	n/a	n/a	249	n/a	n/a	n/a
WRC	297	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for METROLL METLOK 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	594	396	297	n/a	594	396	297	n/a	517	341	264	n/a	462	308	n/a	n/a	385	264	n/a	n/a
WRB1	385	264	n/a	n/a	385	264	n/a	n/a	330	n/a	n/a	n/a	297	n/a	n/a	n/a	264	n/a	n/a	n/a
WRB2	348	238	n/a	n/a	348	238	n/a	n/a	298	n/a	n/a	n/a	269	n/a	n/a	n/a	239	n/a	n/a	n/a
WRC	275	n/a	n/a	n/a	275	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	550	363	275	n/a	484	319	242	n/a	429	286	n/a	n/a	396	264	n/a	n/a	352	n/a	n/a	n/a
WRB1	352	n/a	n/a	n/a	308	n/a	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	318	n/a	n/a	n/a	278	n/a	n/a	n/a	248	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	495	330	242	n/a	407	275	n/a	n/a	363	242	n/a	n/a	341	n/a	n/a	n/a	308	n/a	n/a	n/a
WRB1	319	n/a	n/a	n/a	264	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	289	n/a	n/a	n/a	239	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STRAMIT SPEED DECK 500 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1940	1419	1067	715	1940	1419	1067	715	1850	1353	1012	682	1958	1309	979	649	1815	1210	902	605
WRB1	1804	1199	902	605	1804	1199	902	605	1727	1155	858	572	1661	1111	825	550	1562	1045	781	517
WRB2	1739	1092	813	547	1739	1092	813	547	1666	1040	774	517	1602	1001	745	498	1458	942	705	467
WRC	1606	1067	767	515	1606	1067	767	515	1376	914	683	440	1089	726	539	363	979	660	495	330

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1880	1375	1034	693	1820	1331	1001	671	1914	1276	957	638	1870	1243	935	627	1738	1166	869	583
WRB1	1749	1166	880	583	1694	1133	847	561	1628	1078	814	539	1540	1023	770	517	1430	957	715	473
WRB2	1686	1050	794	527	1634	1021	764	507	1571	972	735	487	1417	923	696	468	1287	864	646	428
WRC	1496	956	714	473	1313	872	630	420	1150	760	570	380	968	649	484	319	891	594	451	297

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1880	1375	1034	693	1820	1331	1001	671	1914	1276	957	638	1870	1243	935	627	1738	1166	869	583
WRB1	1749	1166	880	583	1694	1133	847	561	1628	1078	814	539	1540	1023	770	517	1430	957	715	473
WRB2	1686	1050	794	527	1634	1021	764	507	1571	972	735	487	1417	923	696	468	1287	864	646	428
WRC	1496	956	714	473	1313	872	630	420	1150	760	570	380	968	649	484	319	891	594	451	297

PV-ezRack SolarRoof Interface spacing table for
STRAMIT SPEED DECK 500 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1848	1232	924	616	1848	1232	924	616	1760	1177	880	583	1694	1133	847	561	1518	1012	759	506
WRB1	1518	1012	759	506	1518	1012	759	506	1364	913	682	451	1254	836	599	399	1133	725	546	357
WRB2	1383	913	686	458	1383	913	686	458	1229	824	616	408	1130	755	542	361	1021	655	493	324
WRC	1050	700	520	350	1050	700	520	350	930	620	470	310	770	517	385	253	693	462	341	n/a

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1782	1188	891	594	1727	1155	858	572	1650	1100	825	550	1562	1034	781	517	1397	935	693	462
WRB1	1408	946	704	473	1298	869	649	429	1188	756	567	378	1071	714	536	357	987	662	470	310
WRB2	1268	854	637	428	1170	785	587	388	1071	682	512	342	966	646	484	323	891	598	425	281
WRC	980	650	490	330	890	600	450	300	810	540	405	269	671	451	341	n/a	605	407	308	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1738	1155	869	583	1584	1056	792	528	1474	979	737	473	1408	935	672	452	1276	847	638	410
WRB1	1309	869	660	440	1133	725	546	357	998	672	480	320	956	610	473	300	893	570	430	280
WRB2	1179	785	597	398	1021	655	493	324	900	607	435	289	862	552	428	271	807	515	389	253
WRC	900	600	450	300	760	510	380	250	680	460	340	n/a	583	385	286	n/a	539	352	264	n/a

PV-ezRack SolarRoof Interface spacing table for
STRAMIT SPEED DECK 500 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1606	1078	803	539	1606	1078	803	539	1452	968	726	484	1342	891	671	451	1166	781	583	385
WRB1	1155	770	583	385	1155	770	583	385	1034	693	517	341	946	627	473	319	858	572	429	286
WRB2	1042	695	527	349	1042	695	527	349	933	626	468	309	854	567	428	289	775	517	388	259
WRC	830	557	410	273	830	557	410	273	735	470	350	n/a	561	374	275	n/a	495	330	242	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1507	1001	748	506	1386	924	693	462	1265	847	638	418	1188	792	594	396	1056	704	528	352
WRB1	1078	715	539	363	990	660	495	330	902	594	451	297	836	561	418	275	770	494	368	253
WRB2	972	647	488	328	893	596	448	299	814	537	408	269	755	507	378	249	695	447	332	n/a
WRC	756	504	378	240	693	440	330	n/a	609	399	290	n/a	473	319	242	n/a	429	286	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1397	935	704	462	1210	814	605	407	1122	748	561	374	1067	715	528	352	968	638	484	319
WRB1	1001	671	495	330	858	572	429	286	781	517	385	252	748	495	357	242	693	441	336	n/a
WRB2	904	607	447	299	775	517	388	259	706	467	349	n/a	676	448	324	n/a	626	399	305	n/a
WRC	670	462	330	n/a	567	378	284	n/a	515	330	252	n/a	418	275	n/a	n/a	385	264	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STRAMIT SPEED DECK 500 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1221	814	616	407	1221	814	616	407	1089	726	550	363	990	660	495	330	858	572	429	286
WRB1	858	572	429	286	858	572	429	286	737	495	363	242	649	429	330	n/a	572	385	286	n/a
WRB2	774	517	388	260	774	517	388	260	666	447	329	n/a	587	388	298	n/a	517	348	259	n/a
WRC	583	385	286	n/a	583	385	286	n/a	506	330	253	n/a	363	242	n/a	n/a	319	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1133	759	572	374	1034	693	517	341	946	638	473	319	880	583	440	297	759	506	385	253
WRB1	770	517	385	253	693	462	352	n/a	605	407	308	n/a	561	374	275	n/a	506	341	253	n/a
WRB2	695	468	348	n/a	625	417	319	n/a	547	368	279	n/a	507	338	249	n/a	458	308	n/a	n/a
WRC	528	352	264	n/a	473	319	242	n/a	418	275	n/a	n/a	319	n/a	n/a	n/a	286	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1056	704	528	352	902	594	451	297	814	539	407	275	759	506	374	253	682	451	341	n/a
WRB1	704	473	352	n/a	572	385	286	n/a	517	341	253	n/a	484	319	242	n/a	451	297	n/a	n/a
WRB2	635	428	318	n/a	517	348	259	n/a	468	309	n/a	n/a	438	289	n/a	n/a	408	269	n/a	n/a
WRC	473	319	242	n/a	396	264	n/a	n/a	363	242	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STRAMIT SPEED DECK 500 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	946	627	473	319	946	627	473	319	814	539	407	275	715	473	352	242	605	396	297	n/a
WRB1	605	396	297	n/a	605	396	297	n/a	517	341	253	n/a	462	308	n/a	n/a	407	275	n/a	n/a
WRB2	546	358	269	n/a	546	358	269	n/a	467	308	n/a	n/a	418	278	n/a	n/a	368	249	n/a	n/a
WRC	407	275	n/a	n/a	407	275	n/a	n/a	352	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	847	561	418	286	759	506	374	253	671	451	330	n/a	616	407	308	n/a	528	352	264	n/a
WRB1	539	363	275	n/a	484	319	242	n/a	429	286	n/a	n/a	396	264	n/a	n/a	352	242	n/a	n/a
WRB2	487	329	249	n/a	437	288	n/a	n/a	388	259	n/a	n/a	358	239	n/a	n/a	318	n/a	n/a	n/a
WRC	363	242	n/a	n/a	330	n/a	n/a	n/a	297	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	770	506	385	253	627	418	308	n/a	561	374	286	n/a	528	352	264	n/a	473	319	242	n/a
WRB1	495	330	242	n/a	407	275	n/a	n/a	363	242	n/a	n/a	352	n/a	n/a	n/a	319	n/a	n/a	n/a
WRB2	447	298	n/a	n/a	368	249	n/a	n/a	328	n/a	n/a	n/a	318	n/a	n/a	n/a	289	n/a	n/a	n/a
WRC	341	n/a	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STRAMIT SPEED DECK 500 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	682	451	341	n/a	682	451	341	n/a	583	385	286	n/a	517	341	264	n/a	440	297	n/a	n/a
WRB1	429	286	n/a	n/a	429	286	n/a	n/a	374	253	n/a	n/a	341	n/a	n/a	n/a	297	n/a	n/a	n/a
WRB2	387	258	n/a	n/a	387	258	n/a	n/a	338	n/a	n/a	n/a	309	n/a	n/a	n/a	269	n/a	n/a	n/a
WRC	297	n/a	n/a	n/a	297	n/a	n/a	n/a	264	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	616	407	308	n/a	550	374	275	n/a	484	319	242	n/a	451	297	n/a	n/a	385	264	n/a	n/a
WRB1	396	264	n/a	n/a	352	242	n/a	n/a	308	n/a	n/a	n/a	286	n/a	n/a	n/a	264	n/a	n/a	n/a
WRB2	358	239	n/a	n/a	318	n/a	n/a	n/a	278	n/a	n/a	n/a	259	n/a	n/a	n/a	239	n/a	n/a	n/a
WRC	264	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	550	374	275	n/a	462	308	n/a	n/a	418	275	n/a	n/a	385	253	n/a	n/a	352	n/a	n/a	n/a
WRB1	352	242	n/a	n/a	297	n/a	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a	242	n/a	n/a	n/a
WRB2	318	n/a	n/a	n/a	269	n/a	n/a	n/a	249	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
REV-KLIP 700

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1940	1419	1067	715	1940	1419	1067	715	1850	1353	1012	682	1958	1309	979	649	1815	1210	902	605
WRB1	1804	1199	902	605	1804	1199	902	605	1727	1155	858	572	1661	1111	825	550	1595	1056	792	528
WRB2	1739	1092	813	547	1739	1092	813	547	1666	1040	774	517	1602	1001	745	498	1489	952	715	477
WRC	1596	1061	798	510	1596	1061	798	510	1440	960	720	480	1254	798	599	399	1082	725	546	357

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1880	1375	1034	693	1820	1331	1001	671	1914	1276	957	638	1870	1243	935	627	1738	1166	869	583
WRB1	1749	1166	880	583	1694	1133	847	561	1628	1078	814	539	1584	1056	792	528	1529	977	735	483
WRB2	1686	1050	794	527	1634	1021	764	507	1571	972	735	487	1458	953	716	478	1376	881	664	437
WRC	1470	980	730	490	1420	936	694	457	1268	828	615	405	1061	714	536	340	987	630	470	310

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1820	1342	1001	671	1881	1254	946	627	1826	1210	913	605	1782	1188	891	594	1672	1122	836	561
WRB1	1705	1133	847	572	1595	1056	792	528	1540	1023	735	494	1449	966	690	460	1350	900	670	450
WRB2	1644	1021	764	517	1489	952	715	477	1386	923	665	447	1305	872	623	416	1217	813	606	407
WRC	1430	947	701	462	1190	778	578	381	1073	702	523	345	956	610	460	300	860	570	430	290

PV-ezRack SolarRoof Interface spacing table for REV-KLIP 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1848	1232	924	616	1848	1232	924	616	1760	1177	880	583	1694	1133	847	561	1562	1045	781	517
WRB1	1562	1045	781	517	1562	1045	781	517	1418	945	680	450	1310	870	650	438	1190	786	585	385
WRB2	1423	943	706	468	1423	943	706	468	1277	853	615	408	1181	785	588	396	1073	711	528	350
WRC	1149	752	559	369	1149	752	559	369	992	651	484	320	810	540	410	270	720	480	360	240

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1782	1188	891	594	1727	1155	858	572	1661	1111	836	550	1617	1078	777	515	1439	956	714	460
WRB1	1518	966	725	483	1330	890	670	440	1250	839	623	411	1179	771	572	378	1065	697	519	342
WRB2	1367	872	655	437	1198	804	606	398	1127	757	563	372	1064	697	518	342	961	630	469	310
WRC	1041	681	507	335	936	614	457	302	828	545	405	269	710	470	350	240	630	420	320	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1738	1155	869	583	1628	1089	814	515	1502	998	720	480	1410	940	700	470	1320	880	660	440
WRB1	1340	890	670	450	1190	786	585	385	1086	711	528	350	1024	671	499	330	948	623	463	307
WRB2	1207	804	606	407	1073	711	528	350	980	643	479	316	924	607	452	298	857	563	419	277
WRC	947	622	462	306	778	511	381	252	702	463	345	n/a	610	410	310	n/a	570	380	280	n/a

PV-ezRack SolarRoof Interface spacing table for REV-KLIP 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1694	1122	847	561	1694	1122	847	561	1606	1078	803	515	1481	987	700	470	1281	861	641	410
WRB1	1281	851	610	410	1281	851	610	410	1134	720	540	360	990	660	500	330	890	590	450	300
WRB2	1155	768	551	371	1155	768	551	371	1024	651	488	327	894	597	453	299	803	534	407	272
WRC	897	589	438	290	897	589	438	290	775	510	380	252	649	429	319	n/a	561	374	273	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1639	1089	814	550	1584	1008	756	504	1407	890	670	450	1260	840	630	420	1176	740	560	370
WRB1	1187	750	570	380	1040	690	520	350	950	630	470	320	880	580	440	290	810	540	400	270
WRB2	1070	678	516	343	939	623	470	317	857	570	426	290	795	525	398	262	731	489	362	244
WRC	813	534	398	264	732	482	359	238	649	427	319	n/a	561	357	275	n/a	495	330	242	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1595	1019	756	504	1270	850	640	420	1180	780	590	390	1130	750	560	380	1020	680	510	340
WRB1	1050	700	520	350	890	590	450	300	820	550	410	270	780	520	390	259	730	488	363	240
WRB2	948	633	470	317	803	534	407	272	741	497	372	244	705	470	353	235	660	442	330	n/a
WRC	740	487	363	240	609	402	299	n/a	551	363	272	n/a	484	319	n/a	n/a	451	297	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for REV-KLIP 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1408	935	704	473	1408	935	704	473	1254	836	627	418	1155	770	572	385	1001	671	495	330
WRB1	990	660	495	330	990	660	495	330	858	572	429	286	748	506	374	253	660	440	330	n/a
WRB2	893	597	448	300	893	597	448	300	775	517	389	259	676	457	338	n/a	596	398	299	n/a
WRC	671	451	326	n/a	671	451	326	n/a	583	385	284	n/a	429	286	n/a	n/a	374	253	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1309	869	660	440	1210	803	605	407	1089	726	550	363	1023	682	506	326	880	583	440	297
WRB1	902	594	451	297	803	539	407	264	715	473	352	242	649	429	330	n/a	583	385	297	n/a
WRB2	815	538	408	269	725	487	368	239	646	428	319	n/a	587	388	299	n/a	527	348	269	n/a
WRC	616	407	308	n/a	550	363	275	n/a	484	319	242	n/a	363	242	n/a	n/a	330	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1210	814	605	407	1034	693	517	341	935	627	462	308	880	583	440	284	781	517	385	264
WRB1	814	539	407	275	660	440	330	n/a	605	396	297	n/a	561	374	275	n/a	528	352	264	n/a
WRB2	735	487	368	249	596	398	299	n/a	547	359	270	n/a	507	339	249	n/a	478	319	239	n/a
WRC	561	374	275	n/a	462	308	n/a	n/a	418	275	n/a	n/a	319	n/a	n/a	n/a	297	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for REV-KLIP 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1089	726	550	363	1089	726	550	363	935	627	462	308	825	550	418	275	693	462	352	n/a
WRB1	693	462	352	n/a	693	462	352	n/a	594	396	297	n/a	528	352	264	n/a	462	308	n/a	n/a
WRB2	625	418	319	n/a	625	418	319	n/a	537	358	269	n/a	477	318	239	n/a	417	279	n/a	n/a
WRC	473	319	242	n/a	473	319	242	n/a	418	275	n/a	n/a	297	n/a	n/a	n/a	264	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	990	660	495	330	880	583	440	297	770	517	385	253	715	473	352	242	616	407	308	n/a
WRB1	627	418	308	n/a	561	374	275	n/a	495	330	253	n/a	462	308	n/a	n/a	418	275	n/a	n/a
WRB2	566	378	278	n/a	506	338	249	n/a	447	298	n/a	n/a	418	279	n/a	n/a	378	249	n/a	n/a
WRC	429	286	n/a	n/a	385	253	n/a	n/a	341	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	891	594	440	297	726	484	363	242	649	429	330	n/a	616	407	308	n/a	550	363	275	n/a
WRB1	572	374	286	n/a	462	308	n/a	n/a	418	286	n/a	n/a	396	264	n/a	n/a	374	253	n/a	n/a
WRB2	516	338	258	n/a	417	279	n/a	n/a	378	259	n/a	n/a	358	239	n/a	n/a	338	n/a	n/a	n/a
WRC	396	264	n/a	n/a	319	n/a	n/a	n/a	286	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for REV-KLIP 700 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	781	517	396	264	781	517	396	264	682	451	341	n/a	594	396	297	n/a	506	341	253	n/a
WRB1	506	341	253	n/a	506	341	253	n/a	429	286	n/a	n/a	385	264	n/a	n/a	341	n/a	n/a	n/a
WRB2	457	308	n/a	n/a	457	308	n/a	n/a	388	259	n/a	n/a	348	239	n/a	n/a	309	n/a	n/a	n/a
WRC	352	n/a	n/a	n/a	352	n/a	n/a	n/a	308	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	715	473	352	242	638	418	319	n/a	561	374	286	n/a	517	341	264	n/a	451	297	n/a	n/a
WRB1	462	308	n/a	n/a	418	275	n/a	n/a	363	242	n/a	n/a	341	n/a	n/a	n/a	308	n/a	n/a	n/a
WRB2	417	279	n/a	n/a	378	249	n/a	n/a	328	n/a	n/a	n/a	308	n/a	n/a	n/a	279	n/a	n/a	n/a
WRC	319	n/a	n/a	n/a	286	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	638	429	319	n/a	528	352	264	n/a	473	319	242	n/a	451	297	n/a	n/a	396	264	n/a	n/a
WRB1	418	275	n/a	n/a	341	n/a	n/a	n/a	308	n/a	n/a	n/a	286	n/a	n/a	n/a	275	n/a	n/a	n/a
WRB2	378	249	n/a	n/a	309	n/a	n/a	n/a	279	n/a	n/a	n/a	259	n/a	n/a	n/a	249	n/a	n/a	n/a
WRC	286	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
METROLL METLOK 500

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1760	1177	880	583	1760	1177	880	583	1617	1078	814	539	1518	1012	759	506	1342	902	671	451
WRB1	1342	891	671	451	1342	891	671	451	1221	814	605	407	1133	759	572	374	1034	693	517	341
WRB2	1293	812	605	407	1293	812	605	407	1178	733	546	368	1093	684	517	338	965	625	467	308
WRC	1001	671	495	330	1001	671	495	330	902	605	451	297	715	484	363	242	649	440	330	n/a

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1661	1111	836	550	1562	1045	781	517	1463	979	726	484	1386	924	693	462	1243	825	627	418
WRB1	1265	836	627	418	1177	781	583	396	1078	726	539	363	1012	682	506	341	946	627	473	319
WRB2	1220	753	566	378	1135	704	526	358	1040	655	486	328	931	615	457	308	852	566	428	289
WRC	935	616	462	308	858	572	429	286	792	528	396	264	638	429	319	n/a	594	396	297	n/a

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1573	1045	792	528	1397	935	704	462	1309	869	660	440	1265	847	638	418	1155	770	572	385
WRB1	1188	792	594	396	1034	693	517	341	968	638	484	319	924	616	462	308	869	583	440	286
WRB2	1146	713	536	358	965	625	467	308	871	576	438	289	832	556	417	279	783	527	398	259
WRC	869	583	440	286	748	506	374	253	693	462	352	n/a	572	385	286	n/a	539	363	275	n/a

PV-ezRack SolarRoof Interface spacing table for METROLL METLOK 500 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1364	913	682	451	1364	913	682	451	1243	825	616	418	1144	759	572	385	1012	671	506	341
WRB1	1001	671	495	330	1001	671	495	330	902	605	451	297	825	550	418	275	748	506	374	253
WRB2	912	606	447	299	912	606	447	299	812	546	408	269	744	496	378	249	674	457	338	n/a
WRC	726	484	363	242	726	484	363	242	638	429	319	n/a	517	341	253	n/a	451	308	n/a	n/a

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1276	847	638	429	1188	792	594	396	1089	726	550	363	1034	682	517	341	924	616	462	308
WRB1	935	616	462	308	858	572	429	286	792	528	396	264	737	495	363	242	682	462	341	n/a
WRB2	842	556	418	278	773	517	388	259	714	476	358	239	665	448	328	n/a	615	417	309	n/a
WRC	671	451	330	n/a	616	407	308	n/a	561	374	275	n/a	451	297	n/a	n/a	407	264	n/a	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1199	803	594	396	1045	693	528	352	979	649	484	330	935	627	462	308	847	561	418	286
WRB1	869	583	440	286	748	506	374	253	693	462	352	n/a	660	440	330	n/a	627	418	308	n/a
WRB2	783	527	398	258	674	457	338	n/a	625	418	319	n/a	596	398	299	n/a	567	378	279	n/a
WRC	627	418	308	n/a	528	352	264	n/a	473	319	242	n/a	385	264	n/a	n/a	363	242	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
METROLL METLOK 500 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1067	715	528	352	1067	715	528	352	957	638	484	319	880	583	440	297	770	517	385	253
WRB1	770	517	385	253	770	517	385	253	682	462	341	n/a	627	418	308	n/a	572	374	286	n/a
WRB2	694	467	348	n/a	694	467	348	n/a	616	417	308	n/a	566	378	279	n/a	516	338	259	n/a
WRC	539	363	275	n/a	539	363	275	n/a	484	319	242	n/a	374	253	n/a	n/a	319	n/a	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	990	660	495	330	924	616	462	308	847	561	418	286	792	528	396	264	704	473	352	n/a
WRB1	715	473	352	242	649	429	330	n/a	594	396	297	n/a	550	363	275	n/a	506	341	253	n/a
WRB2	645	428	319	n/a	586	388	299	n/a	536	358	269	n/a	497	328	249	n/a	457	309	n/a	n/a
WRC	495	330	253	n/a	462	308	n/a	n/a	396	264	n/a	n/a	319	n/a	n/a	n/a	286	n/a	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	935	627	462	308	803	539	396	264	737	495	374	242	704	473	352	n/a	638	429	319	n/a
WRB1	660	440	330	n/a	572	374	286	n/a	517	341	253	n/a	495	330	242	n/a	462	308	n/a	n/a
WRB2	596	398	298	n/a	516	338	259	n/a	467	308	n/a	n/a	448	298	n/a	n/a	418	279	n/a	n/a
WRC	462	308	n/a	n/a	374	253	n/a	n/a	341	n/a	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
METROLL METLOK 500 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	814	539	407	275	814	539	407	275	726	484	363	242	660	440	330	n/a	572	385	286	n/a
WRB1	572	374	286	n/a	572	374	286	n/a	495	330	242	n/a	429	286	n/a	n/a	385	253	n/a	n/a
WRB2	516	338	259	n/a	516	338	259	n/a	447	298	n/a	n/a	388	258	n/a	n/a	348	n/a	n/a	n/a
WRC	363	242	n/a	n/a	363	242	n/a	n/a	308	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	748	495	374	253	682	462	341	n/a	627	418	308	n/a	583	385	286	n/a	506	341	253	n/a
WRB1	517	341	253	n/a	462	308	n/a	n/a	407	275	n/a	n/a	374	253	n/a	n/a	341	n/a	n/a	n/a
WRB2	467	309	n/a	n/a	417	278	n/a	n/a	368	249	n/a	n/a	338	n/a	n/a	n/a	308	n/a	n/a	n/a
WRC	330	n/a	n/a	n/a	297	n/a	n/a	n/a	264	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	693	462	352	n/a	594	396	297	n/a	539	363	264	n/a	506	330	253	n/a	451	297	n/a	n/a
WRB1	462	308	n/a	n/a	385	253	n/a	n/a	341	n/a	n/a	n/a	319	n/a	n/a	n/a	297	n/a	n/a	n/a
WRB2	417	279	n/a	n/a	348	n/a	n/a	n/a	309	n/a	n/a	n/a	288	n/a	n/a	n/a	269	n/a	n/a	n/a
WRC	297	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for METROLL METLOK 500 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	627	418	308	n/a	627	418	308	n/a	539	363	264	n/a	473	319	242	n/a	396	264	n/a	n/a
WRB1	396	264	n/a	n/a	396	264	n/a	n/a	341	n/a	n/a	n/a	308	n/a	n/a	n/a	275	n/a	n/a	n/a
WRB2	357	239	n/a	n/a	357	239	n/a	n/a	308	n/a	n/a	n/a	278	n/a	n/a	n/a	248	n/a	n/a	n/a
WRC	253	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	561	374	286	n/a	506	330	253	n/a	440	297	n/a	n/a	407	275	n/a	n/a	352	242	n/a	n/a
WRB1	352	242	n/a	n/a	319	n/a	n/a	n/a	286	n/a	n/a	n/a	264	n/a	n/a	n/a	242	n/a	n/a	n/a
WRB2	318	n/a	n/a	n/a	288	n/a	n/a	n/a	259	n/a	n/a	n/a	239	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	506	341	253	n/a	418	275	n/a	n/a	374	253	n/a	n/a	352	n/a	n/a	n/a	308	n/a	n/a	n/a
WRB1	330	n/a	n/a	n/a	275	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	298	n/a	n/a	n/a	248	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for METROLL METLOK 500 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	451	297	n/a	n/a	451	297	n/a	n/a	385	253	n/a	n/a	341	n/a	n/a	n/a	286	n/a	n/a	n/a
WRB1	286	n/a	n/a	n/a	286	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	258	n/a	n/a	n/a	258	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	407	275	n/a	n/a	374	242	n/a	n/a	330	n/a	n/a	n/a	297	n/a	n/a	n/a	264	n/a	n/a	n/a
WRB1	264	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	238	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	374	242	n/a	n/a	297	n/a	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB1	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STEELINE STEEL-RIB 500 (ST28)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1940	1419	1067	715	1940	1419	1067	715	1850	1353	1012	682	1958	1309	979	649	1815	1210	902	605
WRB1	1804	1199	902	605	1804	1199	902	605	1727	1155	858	572	1661	1111	825	550	1595	1056	792	528
WRB2	1739	1092	813	547	1739	1092	813	547	1666	1040	774	517	1602	1001	745	498	1489	952	715	477
WRC	1639	1040	777	525	1639	1040	777	525	1420	940	710	470	1254	798	599	399	1090	730	550	360

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1880	1375	1034	693	1820	1331	1001	671	1914	1276	957	638	1870	1243	935	627	1738	1166	869	583
WRB1	1749	1166	880	583	1694	1133	847	561	1628	1078	814	539	1584	1056	792	528	1529	977	735	483
WRB2	1686	1050	794	527	1634	1021	764	507	1571	972	735	487	1458	953	716	478	1376	881	664	437
WRC	1512	960	720	480	1390	930	694	457	1268	828	615	405	1090	720	540	360	1050	689	512	339

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1820	1342	1001	671	1881	1254	946	627	1826	1210	913	605	1782	1188	891	594	1672	1122	836	561
WRB1	1705	1133	847	572	1595	1056	792	528	1540	1023	735	494	1449	966	690	460	1350	900	670	450
WRB2	1644	1021	764	517	1489	952	715	477	1386	923	665	447	1305	872	623	416	1217	813	606	407
WRC	1400	930	700	462	1190	778	578	381	1073	702	523	345	1011	664	494	326	937	615	458	302

PV-ezRack SolarRoof Interface spacing table for
STEELINE STEEL-RIB 500 (ST28) (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1848	1232	924	616	1848	1232	924	616	1760	1177	880	583	1694	1133	847	561	1562	1045	781	517
WRB1	1562	1045	781	517	1562	1045	781	517	1418	945	680	450	1310	870	650	438	1204	786	585	385
WRB2	1423	943	706	468	1423	943	706	468	1277	853	615	408	1181	785	588	396	1086	711	528	350
WRC	1149	752	559	369	1149	752	559	369	992	651	484	320	885	582	433	287	778	511	381	252

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1782	1188	891	594	1727	1155	858	572	1661	1111	836	550	1617	1078	777	515	1439	956	714	460
WRB1	1518	966	725	483	1330	890	670	440	1280	839	623	411	1179	771	572	378	1065	697	519	342
WRB2	1367	872	655	437	1198	804	606	398	1154	757	563	372	1064	697	518	342	961	630	469	310
WRC	1041	681	507	335	936	614	457	302	828	545	405	269	762	502	374	248	689	455	339	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1738	1155	869	583	1628	1089	814	515	1502	998	720	480	1410	940	700	470	1320	880	660	440
WRB1	1340	890	670	450	1204	786	585	385	1086	711	528	350	1024	671	499	330	948	623	463	307
WRB2	1207	804	606	407	1086	711	528	350	980	643	479	316	924	607	452	298	857	563	419	277
WRC	947	622	462	306	778	511	381	252	702	463	345	n/a	664	437	326	n/a	615	406	302	n/a

PV-ezRack SolarRoof Interface spacing table for
STEELINE STEEL-RIB 500 (ST28) (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1694	1122	847	561	1694	1122	847	561	1606	1078	803	515	1491	987	710	470	1310	870	650	440
WRB1	1300	870	650	430	1300	870	650	430	1199	784	583	384	1069	700	521	344	939	616	459	303
WRB2	1172	785	587	389	1172	785	587	389	1083	709	527	349	965	633	471	312	847	558	415	275
WRC	897	589	438	290	897	589	438	290	775	510	380	252	680	450	340	n/a	600	400	299	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1639	1089	814	550	1584	1008	756	504	1380	920	690	460	1350	896	664	438	1239	810	601	397
WRB1	1259	822	610	403	1131	740	550	363	1001	656	488	322	920	604	449	297	832	546	407	270
WRB2	1135	743	552	364	1021	669	498	329	903	593	442	292	831	546	406	269	751	495	369	244
WRC	813	534	398	264	732	482	359	238	649	427	319	n/a	590	390	290	n/a	530	350	260	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1595	1019	756	504	1360	910	678	447	1264	825	613	404	1191	779	579	382	1103	722	537	355
WRB1	1145	749	557	368	939	616	459	303	847	558	415	275	799	526	392	259	741	488	363	240
WRB2	1033	677	503	333	847	558	415	275	765	504	376	249	722	476	355	235	670	442	330	n/a
WRC	740	487	363	240	609	402	299	n/a	551	363	272	n/a	510	340	250	n/a	470	319	238	n/a

PV-ezRack SolarRoof Interface spacing table for
STEELINE STEEL-RIB 500 (ST28) (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1518	1012	759	506	1518	1012	759	506	1376	870	660	440	1220	810	610	410	1050	700	530	350
WRB1	1050	700	520	350	1050	700	520	350	900	600	450	300	800	530	400	270	700	470	350	n/a
WRB2	947	633	471	318	947	633	471	318	813	542	408	272	723	479	362	244	632	425	317	n/a
WRC	700	460	350	n/a	700	460	350	n/a	600	400	300	n/a	495	330	242	n/a	429	286	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1407	935	704	450	1270	850	640	420	1150	770	580	380	1070	710	540	360	930	620	470	310
WRB1	950	630	470	320	850	560	420	280	750	500	370	250	714	460	340	n/a	620	410	310	n/a
WRB2	858	570	425	290	767	506	380	253	678	452	335	n/a	645	416	308	n/a	561	371	281	n/a
WRC	630	420	320	n/a	570	380	280	n/a	500	330	250	n/a	418	275	n/a	n/a	385	253	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1290	860	640	430	1100	730	550	368	980	660	490	330	930	620	460	310	820	550	410	270
WRB1	850	570	430	280	700	470	350	n/a	630	420	320	n/a	620	410	300	n/a	578	378	284	n/a
WRB2	767	515	389	254	632	425	317	n/a	570	381	290	n/a	560	371	272	n/a	523	342	257	n/a
WRC	570	380	280	n/a	470	310	240	n/a	420	280	n/a	n/a	363	242	n/a	n/a	341	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STEELINE STEEL-RIB 500 (ST28) (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1265	847	638	418	1265	847	638	418	1078	726	539	363	957	638	484	319	814	539	407	275
WRB1	803	539	407	264	803	539	407	264	693	462	352	n/a	616	407	308	n/a	539	363	275	n/a
WRB2	724	487	368	240	724	487	368	240	626	418	319	n/a	557	368	279	n/a	487	328	249	n/a
WRC	539	363	264	n/a	539	363	264	n/a	462	308	n/a	n/a	341	n/a	n/a	n/a	308	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1144	759	572	385	1023	682	506	341	902	594	451	297	825	550	418	275	715	473	352	242
WRB1	726	484	363	242	649	429	330	n/a	572	385	286	n/a	528	352	264	n/a	484	319	242	n/a
WRB2	656	438	328	n/a	586	388	299	n/a	517	348	259	n/a	477	318	239	n/a	438	288	n/a	n/a
WRC	484	319	242	n/a	440	297	n/a	n/a	385	253	n/a	n/a	297	n/a	n/a	n/a	275	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1034	682	517	341	847	561	418	286	759	506	374	253	715	473	352	242	638	418	319	n/a
WRB1	660	440	330	n/a	539	363	275	n/a	495	330	242	n/a	462	308	n/a	n/a	418	286	n/a	n/a
WRB2	596	398	298	n/a	487	328	249	n/a	448	299	n/a	n/a	418	279	n/a	n/a	378	259	n/a	n/a
WRC	440	297	n/a	n/a	374	242	n/a	n/a	330	n/a	n/a	n/a	264	n/a	n/a	n/a	242	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for STEELINE STEEL-RIB 500 (ST28) (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	913	605	462	308	913	605	462	308	781	517	396	264	693	462	352	n/a	594	396	297	n/a
WRB1	583	385	297	n/a	583	385	297	n/a	506	341	253	n/a	451	297	n/a	n/a	396	264	n/a	n/a
WRB2	526	348	269	n/a	526	348	269	n/a	457	308	n/a	n/a	408	269	n/a	n/a	358	239	n/a	n/a
WRC	396	264	n/a	n/a	396	264	n/a	n/a	341	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	825	550	418	275	737	495	374	242	649	429	330	n/a	594	396	297	n/a	528	352	264	n/a
WRB1	528	352	264	n/a	473	319	242	n/a	418	286	n/a	n/a	385	264	n/a	n/a	352	242	n/a	n/a
WRB2	477	318	239	n/a	427	288	n/a	n/a	378	259	n/a	n/a	348	239	n/a	n/a	319	n/a	n/a	n/a
WRC	363	242	n/a	n/a	330	n/a	n/a	n/a	286	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	748	495	374	253	616	407	308	n/a	550	374	275	n/a	517	341	264	n/a	462	308	n/a	n/a
WRB1	484	319	242	n/a	396	264	n/a	n/a	352	242	n/a	n/a	341	n/a	n/a	n/a	308	n/a	n/a	n/a
WRB2	438	289	n/a	n/a	358	239	n/a	n/a	319	n/a	n/a	n/a	309	n/a	n/a	n/a	279	n/a	n/a	n/a
WRC	330	n/a	n/a	n/a	275	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
REVOLUTION MAXLINE 340

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1940	1419	1067	715	1940	1419	1067	715	1850	1353	1012	682	1958	1309	979	649	1815	1210	902	605
WRB1	1804	1199	902	605	1804	1199	902	605	1683	1122	847	561	1562	1034	781	517	1419	946	715	473
WRB2	1739	1092	813	547	1739	1092	813	547	1623	1011	764	507	1507	932	706	468	1324	853	646	427
WRC	1375	924	693	462	1375	924	693	462	1243	825	627	418	990	660	495	330	891	594	451	297

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1880	1375	1034	693	1820	1331	1001	671	1914	1276	957	638	1870	1243	935	627	1716	1144	858	572
WRB1	1738	1155	869	583	1617	1078	803	539	1485	990	748	495	1408	935	704	473	1298	869	649	429
WRB2	1676	1040	784	527	1559	971	724	487	1433	893	675	447	1296	843	636	428	1168	784	587	388
WRC	1287	858	638	429	1188	792	594	396	1078	726	539	363	880	583	440	297	814	539	407	275

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1820	1342	1001	671	1881	1254	946	627	1815	1210	902	605	1738	1166	869	583	1595	1056	792	528
WRB1	1628	1089	814	539	1419	946	715	473	1331	891	660	440	1265	847	638	418	1199	803	605	396
WRB2	1570	981	734	487	1324	853	646	427	1198	804	597	399	1139	764	576	378	1081	726	547	358
WRC	1199	803	605	396	1034	693	517	341	957	638	473	319	792	528	396	264	737	495	374	242

PV-ezRack SolarRoof Interface spacing table for
REVOLUTION MAXLINE 340 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1848	1232	924	616	1848	1232	924	616	1705	1133	858	572	1584	1056	792	528	1386	924	693	462
WRB1	1375	924	693	462	1375	924	693	462	1243	825	627	418	1144	759	572	385	1034	693	517	341
WRB2	1253	834	626	418	1253	834	626	418	1120	745	567	379	1031	685	518	348	932	626	467	309
WRC	1001	671	495	330	1001	671	495	330	891	594	440	297	704	473	352	n/a	627	418	319	n/a

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1760	1177	880	583	1650	1100	825	550	1518	1012	759	506	1430	946	715	473	1265	847	638	418
WRB1	1287	858	638	429	1188	792	594	396	1078	726	539	363	1012	682	506	341	935	627	473	308
WRB2	1159	774	577	388	1070	716	537	358	972	655	487	329	913	617	458	309	844	567	428	279
WRC	924	616	462	308	847	561	418	273	770	494	368	253	616	407	308	n/a	550	363	275	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1650	1100	825	550	1441	957	726	484	1342	902	671	451	1287	858	638	429	1166	781	583	385
WRB1	1199	803	605	396	1034	693	517	341	957	638	473	319	913	605	462	308	858	572	429	286
WRB2	1080	726	547	358	932	626	467	309	864	577	429	288	824	547	418	279	775	517	388	259
WRC	858	572	429	286	726	462	347	n/a	649	429	315	n/a	528	352	264	n/a	495	330	242	n/a

PV-ezRack SolarRoof Interface spacing table for

REVOLUTION MAXLINE 340 (cont)

Type of Rail: ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface: ER-I-09 and ER-I-34

Solar Panel Dimension: 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1474	979	737	495	1474	979	737	495	1331	891	660	440	1210	814	605	407	1067	715	528	352
WRB1	1056	704	528	352	1056	704	528	352	935	627	473	308	858	572	429	286	781	517	385	264
WRB2	952	636	477	319	952	636	477	319	844	567	428	279	775	517	388	259	705	468	348	239
WRC	748	506	374	253	748	506	374	253	660	440	330	n/a	517	341	253	n/a	451	297	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1375	913	682	462	1265	847	638	418	1166	770	583	385	1089	726	550	363	968	638	484	319
WRB1	979	649	495	330	902	605	451	297	825	550	407	275	759	506	385	253	704	473	352	n/a
WRB2	883	587	448	298	814	547	408	269	744	497	368	249	685	458	348	n/a	636	428	318	n/a
WRC	693	462	352	n/a	627	418	308	n/a	550	363	275	n/a	440	297	n/a	n/a	396	264	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1287	858	638	429	1111	737	550	374	1023	682	506	341	979	649	484	330	880	583	440	297
WRB1	902	605	451	297	781	517	385	264	715	473	352	242	682	451	341	n/a	638	418	319	n/a
WRB2	814	547	408	269	705	468	348	239	646	428	319	n/a	617	408	309	n/a	577	378	289	n/a
WRC	638	418	319	n/a	517	341	253	n/a	462	308	n/a	n/a	385	253	n/a	n/a	352	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for REVOLUTION MAXLINE 340 (cont)

Type of Rail: ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface: ER-I-09 and ER-I-34

Solar Panel Dimension: 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1111	737	550	374	1111	737	550	374	990	660	495	330	902	605	451	297	792	528	396	264
WRB1	792	528	396	264	792	528	396	264	671	451	330	n/a	605	396	297	n/a	528	352	264	n/a
WRB2	714	477	358	240	714	477	358	240	606	408	299	n/a	547	358	269	n/a	477	318	239	n/a
WRC	495	330	253	n/a	495	330	253	n/a	429	286	n/a	n/a	330	n/a	n/a	n/a	297	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	1034	682	517	341	946	638	473	319	858	572	429	286	803	539	396	264	693	462	352	n/a
WRB1	704	473	352	n/a	638	418	319	n/a	561	374	275	n/a	506	341	253	n/a	462	308	n/a	n/a
WRB2	636	428	318	n/a	576	378	289	n/a	507	338	249	n/a	457	308	n/a	n/a	418	278	n/a	n/a
WRC	451	297	n/a	n/a	407	275	n/a	n/a	363	242	n/a	n/a	286	n/a	n/a	n/a	253	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	957	638	484	319	814	550	407	275	737	495	374	242	693	462	352	n/a	616	407	308	n/a
WRB1	638	429	319	n/a	528	352	264	n/a	473	319	242	n/a	440	297	n/a	n/a	418	275	n/a	n/a
WRB2	576	388	288	n/a	477	318	239	n/a	428	289	n/a	n/a	398	269	n/a	n/a	378	249	n/a	n/a
WRC	418	275	n/a	n/a	341	n/a	n/a	n/a	308	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for REVOLUTION MAXLINE 340 (cont)

Type of Rail: ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface: ER-I-09 and ER-I-34

Solar Panel Dimension: 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	858	572	429	286	858	572	429	286	737	495	374	242	649	429	330	n/a	550	363	275	n/a
WRB1	539	363	275	n/a	539	363	275	n/a	473	319	242	n/a	418	286	n/a	n/a	363	242	n/a	n/a
WRB2	486	328	249	n/a	486	328	249	n/a	427	288	n/a	n/a	378	258	n/a	n/a	328	n/a	n/a	n/a
WRC	352	242	n/a	n/a	352	242	n/a	n/a	308	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	770	517	385	253	693	462	352	n/a	605	407	308	n/a	561	374	286	n/a	484	319	242	n/a
WRB1	495	330	242	n/a	440	297	n/a	n/a	385	264	n/a	n/a	363	242	n/a	n/a	330	n/a	n/a	n/a
WRB2	447	299	n/a	n/a	397	268	n/a	n/a	348	239	n/a	n/a	328	n/a	n/a	n/a	298	n/a	n/a	n/a
WRC	319	n/a	n/a	n/a	286	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	704	473	352	n/a	572	385	286	n/a	517	341	264	n/a	484	319	242	n/a	429	286	n/a	n/a
WRB1	451	297	n/a	n/a	363	242	n/a	n/a	330	n/a	n/a	n/a	308	n/a	n/a	n/a	286	n/a	n/a	n/a
WRB2	407	269	n/a	n/a	328	n/a	n/a	n/a	299	n/a	n/a	n/a	278	n/a	n/a	n/a	259	n/a	n/a	n/a
WRC	286	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for REVOLUTION MAXLINE 340 (cont)

Type of Rail: ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface: ER-I-09 and ER-I-34

Solar Panel Dimension: 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	627	418	308	n/a	627	418	308	n/a	539	363	264	n/a	473	319	242	n/a	396	264	n/a	n/a
WRB1	396	264	n/a	n/a	396	264	n/a	n/a	352	n/a	n/a	n/a	308	n/a	n/a	n/a	275	n/a	n/a	n/a
WRB2	357	238	n/a	n/a	357	238	n/a	n/a	318	n/a	n/a	n/a	279	n/a	n/a	n/a	249	n/a	n/a	n/a
WRC	264	n/a	n/a	n/a	264	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	561	374	286	n/a	506	330	253	n/a	451	297	n/a	n/a	407	275	n/a	n/a	352	242	n/a	n/a
WRB1	363	242	n/a	n/a	319	n/a	n/a	n/a	286	n/a	n/a	n/a	264	n/a	n/a	n/a	242	n/a	n/a	n/a
WRB2	328	n/a	n/a	n/a	288	n/a	n/a	n/a	258	n/a	n/a	n/a	239	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	506	341	253	n/a	418	275	n/a	n/a	374	253	n/a	n/a	352	n/a	n/a	n/a	308	n/a	n/a	n/a
WRB1	330	n/a	n/a	n/a	275	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	298	n/a	n/a	n/a	249	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STEELINE LOKDECK 680

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	0° ≤ α < 10°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	1243	935	627	1870	1243	935	627	1727	1155	858	572	1606	1078	803	539	1430	957	715	473
WRB1	n/a	946	715	473	1419	946	715	473	1298	858	649	429	1199	803	605	396	1100	737	550	363
WRB2	n/a	862	644	427	1368	862	644	427	1252	773	585	388	1157	724	547	358	1027	664	497	328
WRC	n/a	715	528	352	1067	715	528	352	957	638	473	319	759	506	385	253	693	462	341	n/a

Angle	0° ≤ α < 10°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	1177	880	594	1661	1111	836	550	1551	1034	770	517	1474	979	737	495	1320	880	660	440
WRB1	n/a	891	671	451	1243	825	627	418	1155	770	572	385	1078	726	539	363	1012	671	506	341
WRB2	n/a	802	605	408	1199	743	566	378	1115	694	516	348	992	655	487	328	911	605	457	309
WRC	n/a	660	495	330	913	605	462	308	836	561	418	275	682	451	341	n/a	627	418	319	n/a

Angle	0° ≤ α < 10°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	1122	836	561	1485	990	748	495	1386	924	693	462	1342	891	671	451	1232	814	616	407
WRB1	n/a	836	627	418	1100	737	550	363	1023	682	517	341	979	649	495	330	924	616	462	308
WRB2	n/a	753	566	378	1027	664	497	328	921	615	468	309	882	586	447	299	833	557	418	279
WRC	n/a	616	462	308	792	528	396	264	737	495	363	242	605	407	308	n/a	572	385	286	n/a

PV-ezRack SolarRoof Interface spacing table for
STEELINE LOKDECK 680 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	10 ≤ α < 15°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	957	726	484	1441	957	726	484	1309	869	660	440	1210	814	605	407	1067	715	528	352
WRB1	n/a	715	528	352	1067	715	528	352	957	638	473	319	880	583	440	297	792	528	396	264
WRB2	n/a	645	477	319	972	645	477	319	862	576	428	289	793	526	398	269	714	477	358	240
WRC	n/a	517	385	253	770	517	385	253	682	462	341	n/a	539	363	275	n/a	484	319	242	n/a

Angle	10 ≤ α < 15°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	902	682	451	1265	847	638	418	1166	770	583	385	1089	726	550	363	979	649	495	330
WRB1	n/a	660	495	330	913	605	462	308	836	561	418	275	792	528	396	264	726	484	363	242
WRB2	n/a	596	448	298	823	547	418	279	754	506	378	249	714	478	358	239	655	437	328	n/a
WRC	n/a	473	352	242	649	429	330	n/a	594	396	297	n/a	473	308	n/a	n/a	429	286	n/a	n/a

Angle	10 ≤ α < 15°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	847	638	429	1111	737	550	374	1034	682	517	341	990	660	495	330	902	594	451	297
WRB1	n/a	616	462	308	792	528	396	264	737	495	363	242	704	473	352	n/a	660	440	330	n/a
WRB2	n/a	557	418	278	714	477	358	240	665	447	329	n/a	635	428	319	n/a	596	398	299	n/a
WRC	n/a	440	330	n/a	561	374	275	n/a	495	330	253	n/a	407	275	n/a	n/a	385	253	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STEELINE LOKDECK 680 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	15° ≤ α < 20°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	759	572	374	1133	759	572	374	1023	682	506	341	946	627	473	319	825	550	407	275
WRB1	n/a	539	407	275	814	539	407	275	726	484	363	242	660	440	330	n/a	605	396	297	n/a
WRB2	n/a	487	368	249	734	487	368	249	655	437	328	n/a	596	398	299	n/a	546	358	268	n/a
WRC	n/a	385	286	n/a	572	385	286	n/a	506	341	253	n/a	396	264	n/a	n/a	341	n/a	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	704	528	352	979	649	484	330	891	594	440	297	836	561	418	275	748	495	374	253
WRB1	n/a	506	374	253	693	462	352	n/a	627	418	308	n/a	594	396	297	n/a	539	363	275	n/a
WRB2	n/a	458	339	n/a	625	417	318	n/a	566	378	279	n/a	536	358	269	n/a	487	329	249	n/a
WRC	n/a	352	264	n/a	484	319	242	n/a	418	286	n/a	n/a	341	n/a	n/a	n/a	308	n/a	n/a	n/a

Angle	15° ≤ α < 20°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	660	495	330	858	572	429	286	781	517	396	264	748	495	374	253	682	451	341	n/a
WRB1	n/a	473	352	n/a	605	396	297	n/a	550	363	275	n/a	528	352	264	n/a	495	330	242	n/a
WRB2	n/a	428	318	n/a	546	358	268	n/a	497	328	249	n/a	477	318	239	n/a	447	299	n/a	n/a
WRC	n/a	330	242	n/a	396	264	n/a	n/a	352	242	n/a	n/a	297	n/a	n/a	n/a	275	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for STEELINE LOKDECK 680 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	20° ≤ α < 25°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	572	429	286	858	572	429	286	770	506	385	253	704	473	352	n/a	605	407	308	n/a
WRB1	n/a	396	297	n/a	605	396	297	n/a	517	341	253	n/a	462	308	n/a	n/a	407	275	n/a	n/a
WRB2	n/a	358	269	n/a	546	358	269	n/a	467	308	n/a	n/a	418	278	n/a	n/a	368	249	n/a	n/a
WRC	n/a	264	n/a	n/a	385	264	n/a	n/a	330	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	528	396	264	726	484	363	242	671	451	330	n/a	616	407	308	n/a	528	352	264	n/a
WRB1	n/a	363	275	n/a	495	330	242	n/a	429	286	n/a	n/a	396	264	n/a	n/a	352	242	n/a	n/a
WRB2	n/a	329	249	n/a	447	298	n/a	n/a	388	259	n/a	n/a	358	239	n/a	n/a	318	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	308	n/a	n/a	n/a	275	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	20° ≤ α < 25°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	495	374	242	638	418	319	n/a	572	385	286	n/a	539	363	264	n/a	473	319	242	n/a
WRB1	n/a	330	242	n/a	407	275	n/a	n/a	363	242	n/a	n/a	341	n/a	n/a	n/a	319	n/a	n/a	n/a
WRB2	n/a	298	n/a	n/a	368	249	n/a	n/a	328	n/a	n/a	n/a	308	n/a	n/a	n/a	289	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	264	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STEELINE LOKDECK 680 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

Angle	25° ≤ α < 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	440	330	n/a	660	440	330	n/a	572	385	286	n/a	506	330	253	n/a	418	286	n/a	n/a
WRB1	n/a	286	n/a	n/a	418	286	n/a	n/a	363	242	n/a	n/a	319	n/a	n/a	n/a	286	n/a	n/a	n/a
WRB2	n/a	259	n/a	n/a	377	259	n/a	n/a	328	n/a	n/a	n/a	288	n/a	n/a	n/a	258	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	275	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	396	297	n/a	539	363	264	n/a	473	319	242	n/a	429	286	n/a	n/a	374	253	n/a	n/a
WRB1	n/a	253	n/a	n/a	341	n/a	n/a	n/a	308	n/a	n/a	n/a	275	n/a	n/a	n/a	253	n/a	n/a	n/a
WRB2	n/a	n/a	n/a	n/a	308	n/a	n/a	n/a	278	n/a	n/a	n/a	249	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	25° ≤ α < 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	363	264	n/a	440	297	n/a	n/a	396	264	n/a	n/a	374	253	n/a	n/a	330	n/a	n/a	n/a
WRB1	n/a	n/a	n/a	n/a	286	n/a	n/a	n/a	253	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	n/a	n/a	n/a	n/a	258	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

PV-ezRack SolarRoof Interface spacing table for
STEELINE LOKDECK 680 (cont)

Type of Rail — ER-R-ECO (Refer to Note 10 for other compatible rails)

Type of Interface — ER-I-09 and ER-I-34

Solar Panel Dimension — 2 m x 1 m (Refer to Note 25 for other panel sizes)

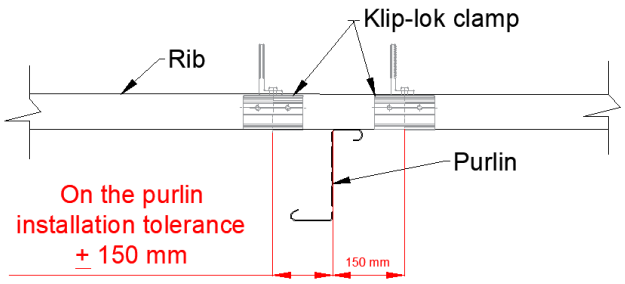
Angle	α = 30°																			
TC	3																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	319	242	n/a	473	319	242	n/a	418	275	n/a	n/a	374	242	n/a	n/a	308	n/a	n/a	n/a
WRB1	n/a	n/a	n/a	n/a	308	n/a	n/a	n/a	264	n/a	n/a	n/a	242	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	n/a	n/a	n/a	n/a	278	n/a	n/a	n/a	239	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2.5																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	286	n/a	n/a	385	253	n/a	n/a	341	n/a	n/a	n/a	319	n/a	n/a	n/a	275	n/a	n/a	n/a
WRB1	n/a	n/a	n/a	n/a	253	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Angle	α = 30°																			
TC	2																			
Building Height (m)	< 5				5≤H<10				10≤H<15				15≤H<20				20≤H<30			
	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner	Internal	Intermediate	Edge	Corner
WRA	n/a	264	n/a	n/a	330	n/a	n/a	n/a	286	n/a	n/a	n/a	275	n/a	n/a	n/a	242	n/a	n/a	n/a
WRB1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRB2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
WRC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

General Notes

Note 1. Installation to be done only on top of the purlins with a maximum tolerance of 150 mm.



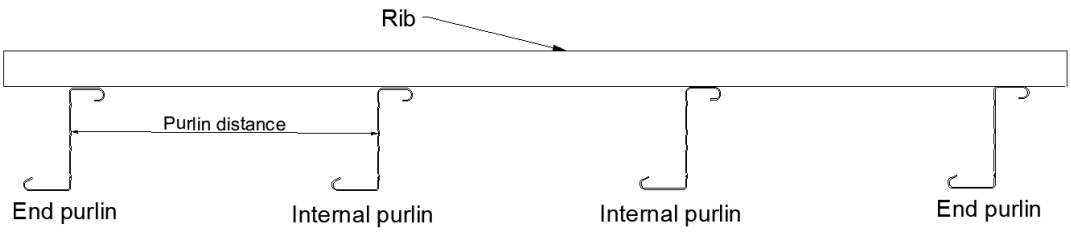
Note 2. Roof pitch between 1.5° and 10°.

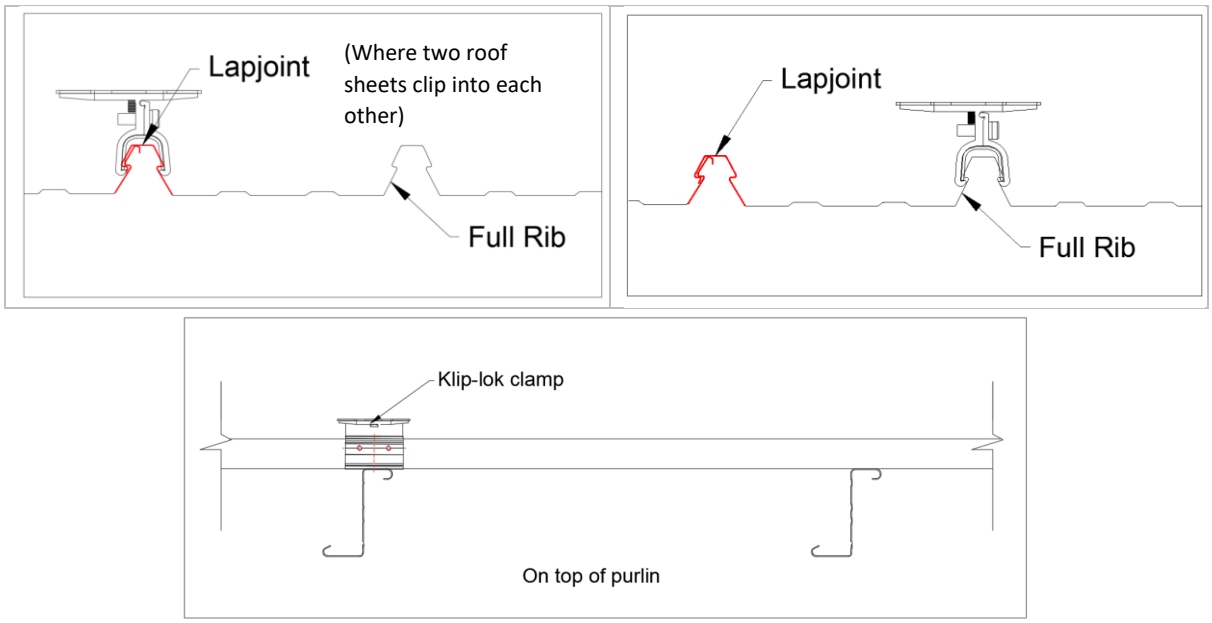
Note 3. Exclusion for installation of klip-lok clamps depending on the roof sheet type to be as per the following table.

Roof Sheet type	Exclusions	Test Repot No.
Lysaght KLIP-LOK 700 Classic	N/A	MT-19/0633-A
Lysaght KLIP-LOK 700 Hi-Strength	N/A	MT-11/023
Lysaght KLIP-LOK 406	N/A	MT-17/001-A
Stramit Speed Deck Ultra	N/A	MT-11/023
Fielders Kingklip 700	N/A	MT-11/280
Stratco Topdeck 700	N/A	MT-17/001-B and MT-19/1007
Lysaght Longline 305	N/A	MT-13/133
Metroll Metlok 700	Exclude lapjoints	MT-19/0633-B
Stramit Speed Deck 500	N/A	MT-19/0762
Rev-klip 700	N/A	MT-19/1018-A
Metroll Metlok 500	Exclude lapjoints	7530/MJ
Steeline Steel-Rib 500	N/A	MT-19/1090-B
Revolution Maxline 340	N/A	MT-19/1018-B
Steeline Lokdeck 680	N/A	20-0028

Contact Clenergy for a project specific assessment if you cannot comply the above exclusions.

Refer to the below pictures to find clamp position, rib type and location on respective roof sheet.





Note 4. Lysaght Longline 305 fixing spacings were calculated based on the capacity of Clenergy's ER-I-29 clamp and the roof sheet. When using Clenergy's ER-I-34 clamp, Longline 305 fixing spacings shall be reduced as follows:

Wind Region A	Wind Region B	Wind Region C
-80%	-80%	-70%

Note 5. Exclusion for installation of Clenergy's ER-I-34 on Lysaght Longline 305 roof sheet to be as per the below table

Roof Sheet type	Exclusions	Test Repot No.
Lysaght Longline 305	• Exclude lapjoints	MT- 20-0661

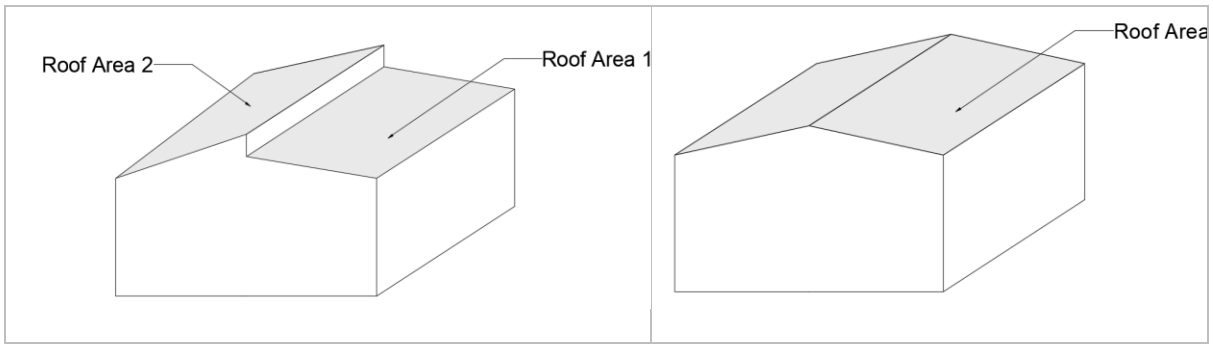
Note 6. Rails cannot run parallel to the ribs unless the applicable table spacings are equal or larger the purlin distance. Contact Clenergy if you are unable to comply with this condition or any of the installation specifications listed on this document.

Note 7. The spacing information in this document has been designed to be compliant with the capacity of the below items per roof area:

- Klip-lok clamp
- Roofing sheet
- Fixing clip between roofing sheet to purlin

Prior to carrying the PV installation, it is recommended to check that the roof sheet has been installed according to the manufacturers specifications and there are no missing clips.

Roof area is defined as a single surface that has no height variance.



Note 8. This document does not cover the following:

- Building frame capacity
- Off the purlin installation

Note 9. This certificate only covers the assessment of the Clenergy PV mounting system, including the components listed on note 4. Assessment of the roof structure, PV panels and other fixings are to be checked by the installer/contractor.

Note 10. The following components are satisfied for use according to AS/NZS 1664.1:1997-Amdt 1:1999 and AS/NZS 1170.2:2021.

Components	Part No.	Description
ECO-Rail	ER-R-ECO/XXXX	ECO Rail
Splice	ER-SP-ECO	PV-ezRack Splice for ECO rail
Australian Made Mill Finish ECO Rail	R-ECO/XXXX/AUMF	PV-ezRack Australian Made Mill Finish ECO Rail
Black ECO-Rail	ER-R-ECO/XXXX/BA	Black ECO Rail
Black Splice ECO Rail	ER-SP-ECO/BA	Splice ECO Rail Black
Roof bracket	ER-I-09	Klip-lok Bracket

Components	Part No.	Description
Roof bracket	ER-I-09/100/45	Klip-lok Bracket
Roof bracket	ER-I-29/AU	Klip-lok Bracket
Roof bracket	ER-I-32/AU	Klip-lok Bracket
Roof bracket	ER-I-34	Universal Klip-lok Bracket
Black Roof bracket	ER-I-09/BA	Black Klip-lok Bracket
Black Roof bracket	ER-I-09/100/45/BA	Black Klip-lok Bracket
Black Roof bracket	ER-I-29/BA	Black Klip-lok Bracket
Black Roof bracket	ER-I-32/BA	Black Klip-lok Bracket
Black Roof bracket	ER-I-34/BA	Universal Klip-lok Bracket

Inter Clamp	ER-IC-STXX	Inter Clamp = Clamp + Z-Module + Bolt
Components	**Part No.**	**Description**
End Clamp	ER-EC-STXX	End Clamp = Clamp + Z-Module + Bolt
Clamp	C-U/30/46-G	Universal Clamp for Frame Height 30-46mm with Grounding Clip
Clamp	C-U/30/46	Universal Clamp for Frame Height 30-46mm
End Clamp	ER-EC-DU35/40	End Clamp dual 35 or 40mm
End Clamp	ER-EC-DU40/46	End Clamp dual 40 or 46mm
Inter Security Clamp	ER-IC-STXX/S	Inter Clamp = Clamp + Z-Module + Security Bolt
End Security Clamp	ER-EC-STXX/S	End Clamp = Clamp + Z-Module + Security Bolt
Tilt Legs	ER-TL-10/15	10°/15° Adjustable Tilt Legs

Tilt Legs	ER-TL-15/30	15°/30° Adjustable Tilt Legs
Tilt Legs	ER-TL-30/60	30°/60° Adjustable Tilt Legs
Components	**Part No.**	**Description**
Tilt Legs	ER-TL-15/30/PS	15°/30° Adjustable Tilt Legs, Preassembly
Tilt Legs	ER-TL-5/PS	5° Fixed Tilt Legs, Preassembly
Tilt Legs	ER-TL-10/PS	10° Fixed Tilt Legs, Preassembly
Tilt Legs	ER-TL-FF	Front Foot of Tilt Legs
Black Tilt Legs	ER-TL-10/15/BA	Black 10°/15° Adjustable Tilt Legs
Black Tilt Legs	ER-TL-15/30/BA	Black 15°/30° Adjustable Tilt Legs
End Clamp (*)	EC-FL/GE/XX/XX	End Clamp for Frameless Module (glued EPDM)
Inter Clamp (*)	IC-FL/GE/XX/XX	Inter Clamp for Frameless Module (glued EPDM)

End Clamp (*)	ER-EC-FL/XX/XX	End Clamp for Frameless Module
Inter Clamp (*)	ER-IC-FL/XX/XX	Inter Clamp for Frameless Module
Components	**Part No.**	**Description**
Black End Clamp (*)	EC-FL/GE/XX/XX/B	Black End Clamp for Frameless Module (glued EPDM)
Black Inter Clamp (*)	IC-FL/GE/XX/XX/B	Black Inter Clamp for Frameless Module (glued EPDM)
Mid Clamp XX Black	ER-IC-STXXB	Inter Clamp XX Black
End Clamp XX Black	ER-EC-STXXB	End Clamp XX Black
Black Universal Clamp	C-U/30/46/BA	Black Universal Clamp
Black Universal Clamp	C-U/30/46-G/BA	Black Universal Clamp with grounding clip
Roof bracket	ER-I-34/CRC	Universal Klip-lok Bracket Pre-assembly with Cross Connection Clamp

Roof bracket	ER-I-34/05A/EZC	Universal Klip-lok Bracket Pre-assembly with Tin Interface
Roof bracket	ER-I-34/CRC/BA	Black Universal Klip-lok Bracket Pre-assembly with Cross Connection Clamp
Roof bracket	ER-I-34/05A/EZC/BA	Black Universal Klip-lok Bracket Pre-assembly with Tin Interface

(*) Subject to the panel manufacturer's installation guide.

Note 11. For Terrain Category (TC) definition, please refer to clause 4.2.1 of AS/NZS 1170.2:2021.

Note 12. Wind Direction Multiplier (Md) taken as 1.0. Refer to clause 3.3 of AS/NZS 1170.2:2021 for more information.

Note 13. Shielding Multiplier (Ms) taken as 1.0. Refer to clause 4.3 of AS/NZS 1170.2:2021 for more information.

Note 14. Topographic Multiplier (Mt) taken as 1.0. Refer to clause 4.4 of AS/NZS 1170.2:2021 for more information.

For topographic Multiplier (Mt) more than 1.0 (installations on a mountain, hilly or sloped terrain) please refer to clause 4.4 of AS/NZS 1170.2:2021 to define appropriate Topographic multiplier value.

The below table provides a reduction factor applied for topographic multipliers greater than 1 (installation on a slope, hill on mountain). To achieve a more accurate and cost-effective design, please contact Clenergy Engineering department.

Mt	**A, B1, B2**			
	Internal	**Intermediate**	**Edge**	**Corner**
1	1	1	1	1
1.01	0.93	1	0.86	1
1.02	0.93	1	0.86	1
1.03	0.93	0.89	0.86	1
1.04	0.93	0.89	0.86	1
1.06	0.86	0.89	0.86	1
1.08	0.86	0.89	0.86	1
1.09	0.79	0.78	0.71	0.75

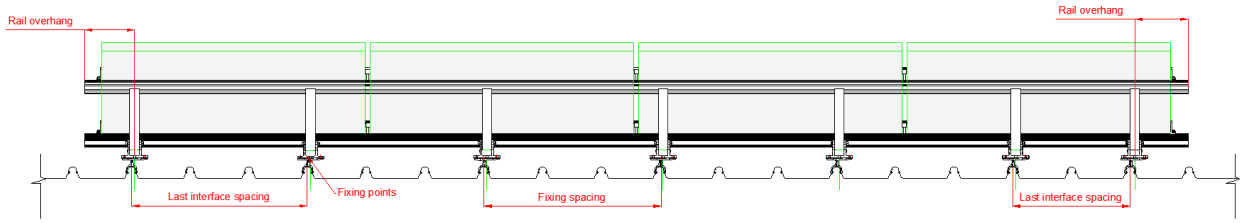
1.1	0.79	0.78	0.71	0.75
1.2	0.64	0.67	0.57	0.75
1.3	0.57	0.56	0.57	0.50
1.4	0.50	0.44	0.43	0.50
1.5	0.43	0.44	0.43	0.50

Note 15. This certificate cannot be used if the site is located on a hill, ridge or escarpment. Contact Clenergy if the aforementioned condition is met on site.

Note 16. Clamping zone of the PV panels shall be according to the manufacturer's specifications.

Note 17. Capacities checked and compared against testing data from Clenergy Australia and NATA certified testing.

Note 18. Rail overhang ends where the panel finishes, and this should be less than 40% of the last installed interface spacing.



Note 19. From the date of publication onwards, any amendment made to any of the above-mentioned Standards will make this report outdated and a new one will have to be released, unless the amendment has no implications on this certificate.

Note 20. All components from Clenergy must be installed according to manufacturer's specification and the instructions shown in the relevant installation manual. Please check the Clenergy Australia website or contact them for access to the most recent installation manuals.

Note 21. Only hip and gable roofs installations are covered on this certificate. Contact Clenergy if you are planning to install on a different roof type such as curved, multi-span (pitched and saw-tooth), mansard, circular bins, silos, tanks, pitched free roofs, troughed free roofs, hypar free roofs, canopies, awnings and cantilevered roofs.

Note 22. No consideration has been taken on the effect of snow loads. In case the roof is located in a snow prone area, a project specific design must be completed.

Note 23. Minimum number of bolts to be installed between the tilt leg base and the Klip-lok clamp to be one (1).

Note 24. Bolt between tilt leg base and the klip-lok clamp to be placed in the middle hole of the tilt leg base.

Note 25. This Engineering report is based on 2 m x 1 m panels and two rails per panel. However, for different panel sizes a percentage increase or decrease can be applied on all interface spacings as shown on the following table.

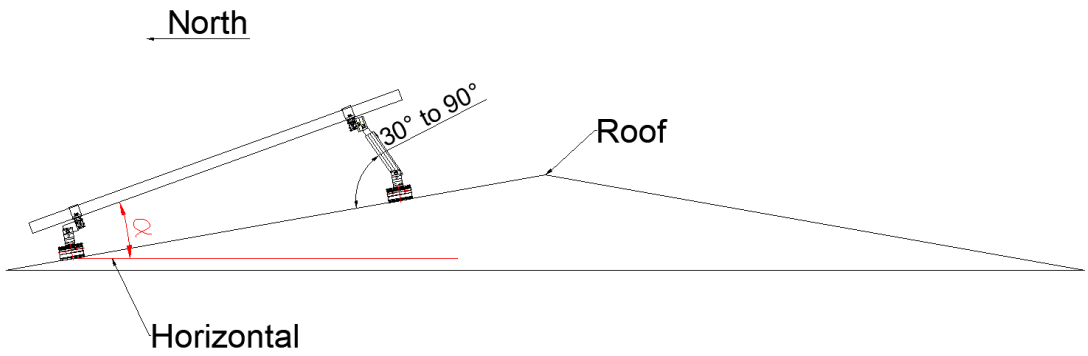
Number of rails per panel	Panel length (mm)	Spacing +/- W.R – A & B	Spacing +/- W.R – C & D
2 rails	≤ 1700	+ 6 %	+ 10 %
2 rails	≤ 1800	+ 4 %	+ 7 %
2 rails	≤ 1900	0 %	+ 5 %
2 rails	≤ 2000	0 %	0 %
2 rails	≤ 2100	- 10 %	- 6 %
2 rails	≤ 2200	- 18 %	- 12 %
2 rails	≤ 2300	- 20 %	- 12 %
2 rails	≤ 2400	- 25 %	- 15 %

Note 26. Panel width cannot exceed 1.20 m for any of the above panel length dimensions. Maximum panel weight of 15 kg/m^2

Note 27. Please refer to AS4312 to find out about corrosion categories.

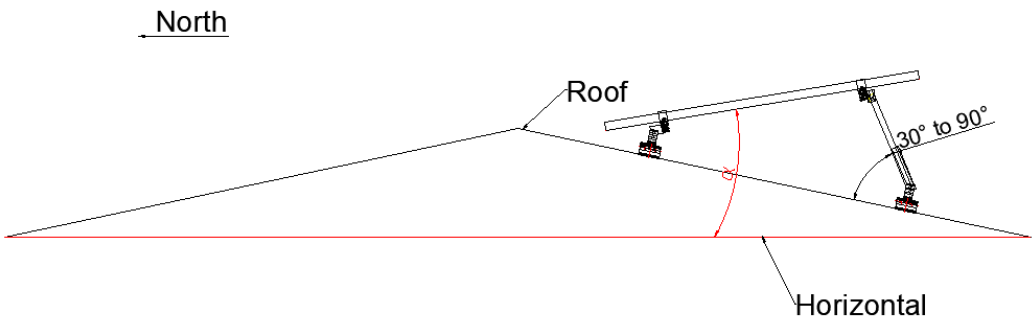
Note 28. Final tilt "α" identification as per below

Standard tilt



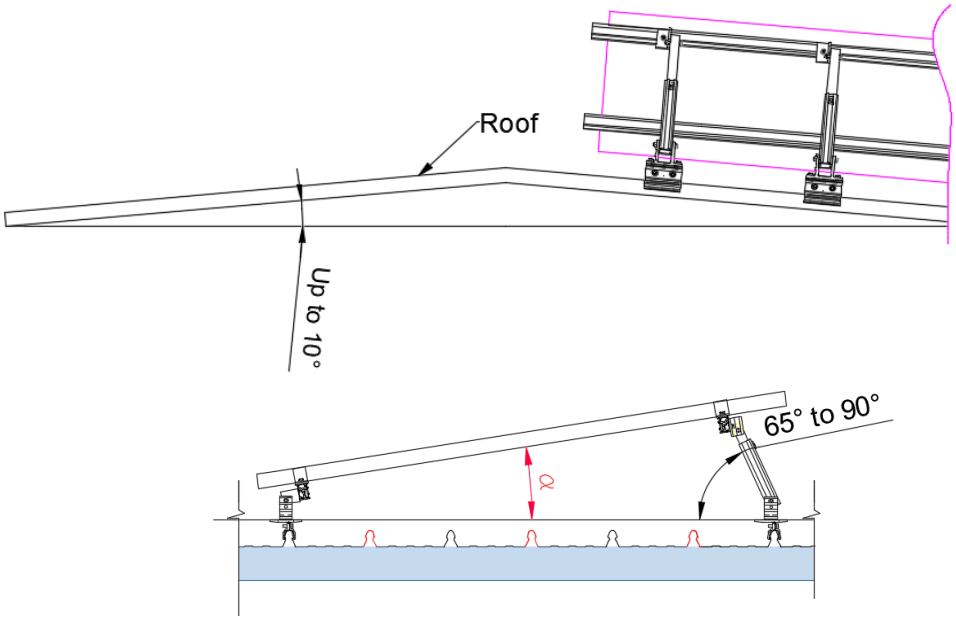
Back leg angle between 30° and 90°

Reverse tilt



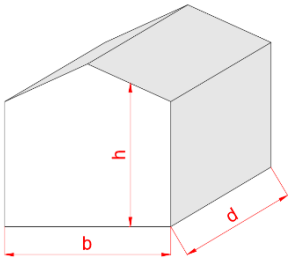
Back leg angle between 30° and 90°

ECO – Rail parallel to ribs



Back leg angle between 65° and 90°

Note 29. Roof Zone definition to be calculated as per below:



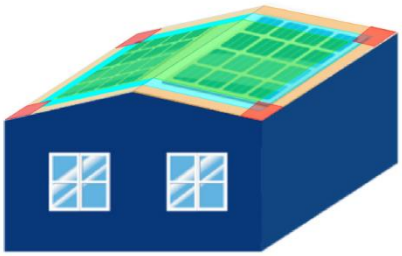
Step 1. Determine building height (h), width (b) and length (d).

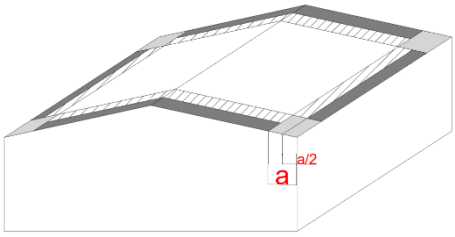
Step 2. Choose the lowest value between "h", "b x 0.2" and "d x 0.2".

Step 3. The lowest value on Step 2, equates to a

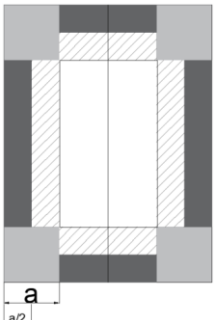
Roof zone definition

Roof Pitch < 10°

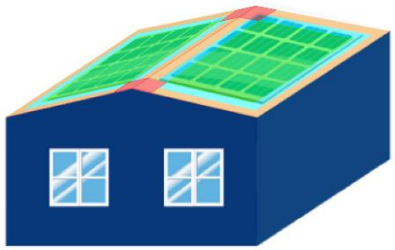


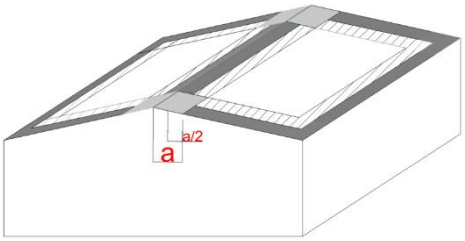


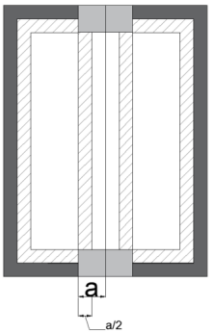
Top vie



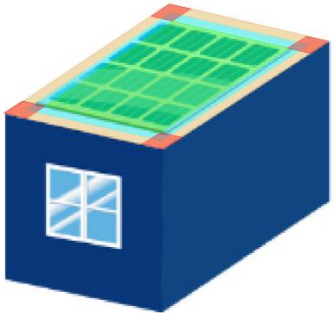
Flat/Mono – Slope Roof > 10°

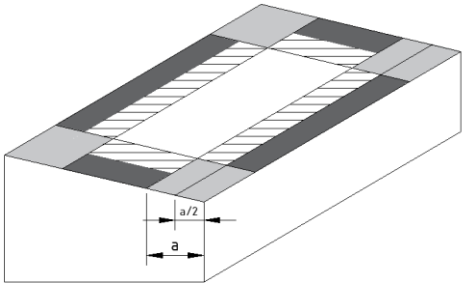


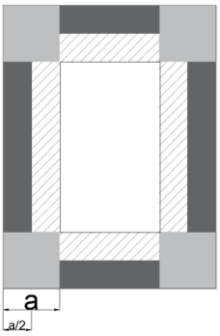




Flat/Mono – Slope Roof







Legend:

- Internal
- Intermediate = "a/2"
- Edge = "a/2"
- Corner = "a"

Example for Klip-lok tilted systems

- Wind region A
- Terrain category: 3
- Building height: 5m
- Roof pitch: 3°
- Panel tilt: 5° (standard tilt)
- Reverse tilt installation
- Panel rail orientation: perpendicular to purlins
- Purlin spacing: 1200 mm
- Roof sheet: Lysaght Klip-lok 700 Classic
- Panel dimension: 2 m x 1 m
- Clamp spacing as per below:
  - Internal: 1940 mm
  - Intermediate: 1419 mm
  - Edge: 1067 mm
  - Corner: 715 mm
- Exclusions as per **note 3** for Klip-lok 700 Classic

Installation only feasible on top of the purlins, therefore:

- Internal zone: 1200 mm (with a maximum tolerance of 150 mm)
- Intermediate zone: 1200 mm (with a maximum tolerance of 150 mm)
- Edge zone: Not feasible
- Corner zone Not feasible

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