



RENEW[®]

Data Sheet

Fast Tub

Flat Roof & Ground Mounting System



Our Fast Tub is designed to accommodate almost any size and type of panel in both portrait and landscape orientations. Ideal for flat roof and ground-mounted solar panels, Fast Tubs offer exceptional speed and efficiency.

The new tubs feature a unique, patent-pending rail clamp that ensures rapid installation. Thanks to this innovative clamp design, alignment is effortless, allowing installation at nearly three times the speed of our previous models. No extra fixing or fitting is required, and this new system is fully compatible with the existing Renew Rail system.

This significant improvement reduces labor costs, boosts productivity, and ultimately enhances your profitability.

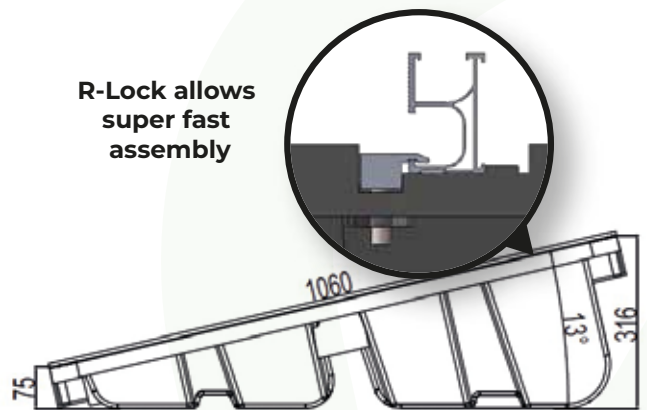
Features

- Fast, Easy and flexible position planning & installation
- Suitable for any flat surface without damaging any surface
- Unlimited expansion

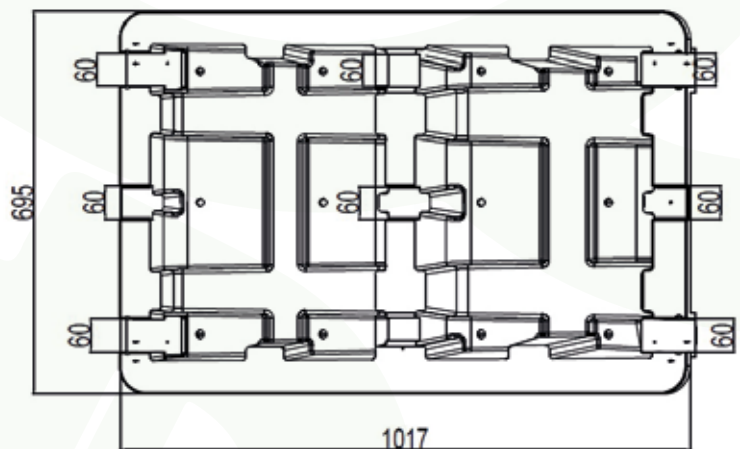
How does it work?

- Fast Tub is a ballasted solution for installing Solar Panels in Landscape & Portrait Orientation on flat roofs or the ground.
- Fast Tubs are weighed down with ballast. Any material can be used: gravel, paving slabs, bricks, rocks etc.
- Fast Tubs provide an angle of 13° and can be fitted to flat roofs with a pitch of up to 5°.
- Allowable tightening torque of A2-70 stainless steel bolt: M8 bolt: $11 \pm 1 \text{ N} \cdot \text{m}$
- For portrait panel installations with parallel rails, please refer to the panel manufacturer's specification data sheet for the designated mounting point locations.

R-Lock allows
super fast
assembly



*25 Year warranty is offered under exceptional circumstances, which include but are not limited to extensive damage requiring significant repair or replacement, a surcharge of five percent (5%) of the current retail value of the product may be applied.



SCAN FOR DEMO VIDEO



Renew Green World Ltd
20-22 Wenlock Road
London, N1 7GU

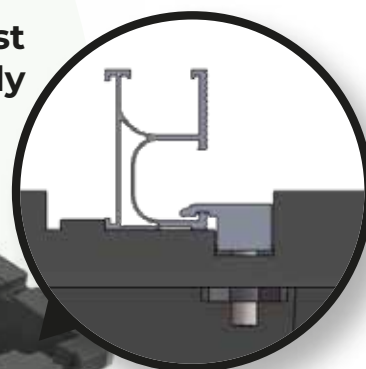
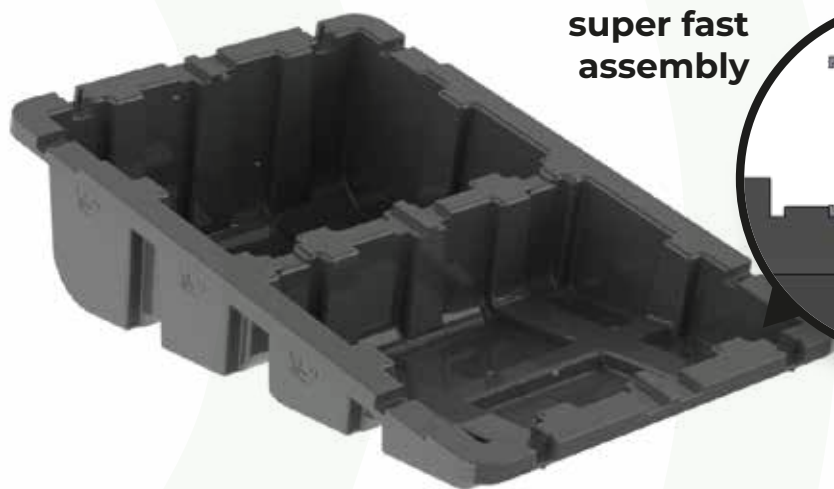


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Above: Portrait Installtion

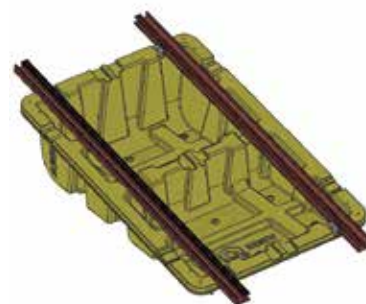
**R-Lock
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**Landscape Rail
Configuration**



**Portrait Rail
Configuration**



13° Pitch Ground & Roof Mounting Fast Tub

SKU_YNM_PT13D_X1

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Mounting Rails

Mounting Rails are made from Aluminum and used in all our applications. Installed with pitched IBR or corrugated roofs in conjunction with L-Bracket spaced at 1,5m and on pitched tiled roofs at 1,2m spacing (dependent on truss spacing). The rails are used on tilted and ground mounted installations.

3.3M Mounting Rail - Black	SKU_FS_F_MR3300_BX1
3.3M Mounting Rail - Silver	SKU_FS_F_MR3300_SX1
3.6M Mounting Rail - Black	SKU_FS_F_MR3600_BX1
3.6M Mounting Rail - Silver	SKU_FS_F_MR3600_SX1
4.2M Mounting Rail - Silver	SKU_FS_F_MR4200_SX1



30mm Mid Clamp

Mid clamps are designed to secure two adjacent solar panels to the mounting rails, placed between panels in a row. For the panels at the ends, end clamps should be used.

These mid clamps are adjustable, fitting solar panels with frame thicknesses ranging from 30 to 50mm.

The RENEW x Fastensol Mid Clamp V2 Black also features a plastic spring mounted installation guide which helps hold the mid clamp in place when you're installing it into the rail.

30mm Mid Clamp V2 Black	SKU_FS_MC30V2_BX1
30mm Mid Clamp Silver	SKU_FS_MC30_SX1
35mm Mid Clamp Silver	SKU_FS_MC35_SX1



30mm End Clamp

End clamps secure the solar panels to the mounting rails, and are used at the ends of the row of panels.

The RENEW x Fastensol End Clamp V2 Black also features a plastic spring mounted installation guide which helps hold the end clamp in place when you're installing it into the rail.

30mm End Clamp V2 Black	SKU_FS_EC30V2_X1
30mm Mid Clamp Silver	SKU_FS_EC30_SX1
35mm Mid Clamp Silver	SKU_FS_EC35_SX1



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