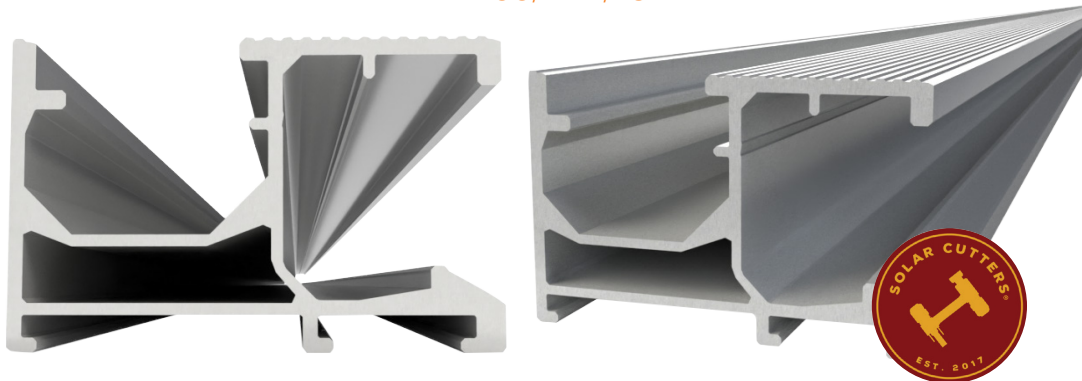


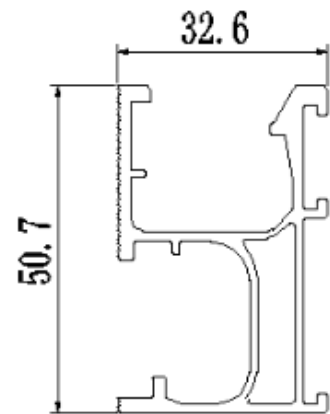
PV-ezRack Australian Made Cutter Rail

R-ECO/4XXX/AUMF



Technical Specification

Application	Roof Top System
Dimensions	W32.6mm*H50.7mm Standard Length: 4200 or 4400mm
Packaging	90 pcs per pack; 4 packs (360 pcs) per pallet
Weight	0.826kg/m
Material	6005CL Alloy I Non-Anodised
Color	Silver (mill finish)
Standard	AS NZS1170.2-2011
Corrosion Protection	Up to C5*



Warranty Terms

Warranty is valid for all local manufactured Cutter Rail

*As a conservative approach, high corrosive C4 locations require a 5% interface spacing reduction & C5 locations require a 25% interface reduction to account for marginal 0.05mm surface material loss over 25 years.



Appendix 1

AL- 6005CL alloy

Clenergy is the exclusive supplier of the 6005CL Aluminium Alloy. This superior alloy was chosen for its robust structural properties and the ability to withstand corrosion in the harshest environments and applications.

R-ECO/4XXX/AUMF is a non-anodized product. We warrant this product, and 'The Cutter Rail' will maintain its structural integrity throughout its design life when installed, in accordance with the Clenergy Installation guide.



Figure 1: 6005CL alloy – After 1 day



Figure 2: 6005CL alloy – After 6 years



Figure 3: 6005CL alloy – After 21 years

The above examples were exposed to C4 category corrosion levels and were in contact with highly contaminated products. In addition, there were no surface treatment or regular cleaning through its lifespan.

The material does pit and discolour over time, however it's structural characteristics remain.

Clenergy Truck Loading

Module is made of 4 cases (360 pieces)

Height: 1020mm

Width: 940mm

Length: 4200/4400mm

Wt: 1404kgs



Stack

Module is made of 4 Modules (16 cases = 1440 PCS)

Height: 2040mm

Width: 1880mm

Length: 4200/4400mm

Wt: 5616kgs

