

ILIOS[®]

Solar Module Mounting Structures

Perfect Synergy for Solar Energy

#MountWithUs



ILIOS® Solar Module Mounting Solutions

ILIOS® under the aegis of LYSAGHT® offers premium solar module mounting solutions for ground and roof top applications. These customised structures offer higher corrosion resistance, weight optimisation and quick installation.

ILIOS® offers a complete solution for executing turnkey solar power projects that include design detailing, engineering support, installation and material supply. LYSAGHT® multi-locational manufacturing facilities ensure on-time project delivery.



Perfect Synergy

Ground Mounted Solutions

ILIOS® offers C and Hat sections for ground mounted application. These high strength structures are manufactured from cold rolled Zn/ Al-Zn alloy coated steel and are available in various coating thicknesses and dimensions as per project requirements.

Section	Depth Range	Thickness range (mm) BMT	Material Specification
C Section	50 mm to 200 mm	0.6, 0.7, 0.8, 0.9, 1.0, 1.2	G550 AZ 150
	50 mm to 200 mm	1.5, 1.9, 2.4, 3.0	G350, Z275
Top Hat Section	30 mm to 90 mm	0.9 - 1.2	G550, AZ150
	30 mm to 90 mm	1.5 - 2.0	G350, Z275

Note: 1) The above information is for standard offerings, non standard sections are also available in Z550 & AZ 200 alloy coated steel, 2) Top hat Section with depth 90 mm, 100 mm & 110 mm are also available, 3) Please contact Tata Bluescope Steel for more information.

Benefits

- ✓ Reduces overall project cost due to weight optimization
- ✓ Pre-punched sections ensure faster project delivery
- ✓ Zn-Al alloy coated steel ensures better corrosion resistance and longer life
- ✓ High strength steel enables better load capacity and longer spans
- ✓ Light weight sections enables ease in handling, transporting & Installation



Sections



C Section



Top Hat Section

Operational Excellence

LYSAGHT® world-class manufacturing facilities are strategically located in Chennai, Pune, Bhiwadi, Jamshedpur-India and Sri-Lanka, ensuring easy product availability, on-time delivery with consistency in quality of the products supplied. Safe transportation and high quality product packaging; lay a strong foundation for a sound Supply Chain.

Design & Engineering Excellence

LYSAGHT® team of experts bring together engineering insights and practical skills to deliver a real world solution for customer requirements. From Design to Build and Maintenance; our team of experts ensure an optimized solution for every customer's requirement.



for Solar Energy

Roof Top Solutions

LYSAGHT® profiles are solar compatible. ILIOS® Roof Top Solar Mounting Solutions are indigenously designed and developed to suit LYSAGHT® profiles.

The Aluminium clips are tested for the wind uplift forces with safe design factors. Solar panels are directly mounted on LYSAGHT® profiles using these clips.

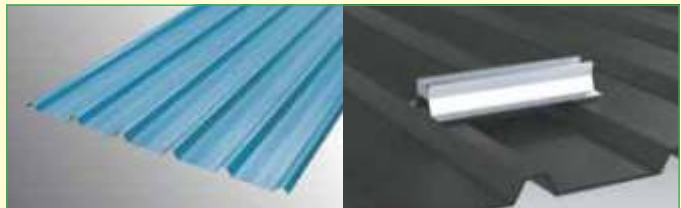
Benefits

- ✓ Smart solution enabling green building construction
- ✓ Quick and reliable installation
- ✓ A fully integrated solution

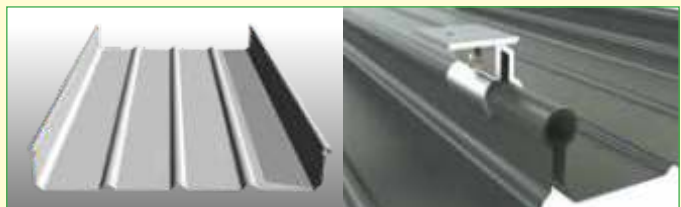
Roof Top Solar Compatible Roof Profiles



KLIP-LOK® 700 and Solar Mounting Clip



TRIMDEK® 1015 and Solar Mounting Clip



FLEXLOK® 400 and Solar Mounting Clip



Customer Centricity through Innovation

At Tata BlueScope Steel, we believe in constant innovation through customized solutions, that are strong, durable and sustainable. To address the demands of the Solar segment in near future, we are equipped to provide optimised and high quality solutions for bridging the demand supply gap. With ILIOS®, we aim to offer customised solutions catering to diverse customer needs.

Pillars for a strong foundation



Trust

A brand you can depend upon



Capability

Scalable and versatile offering



Design Solution

Strong engineering support for customization



Reach

Multi-locational facilities for on-time delivery

Explore More



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