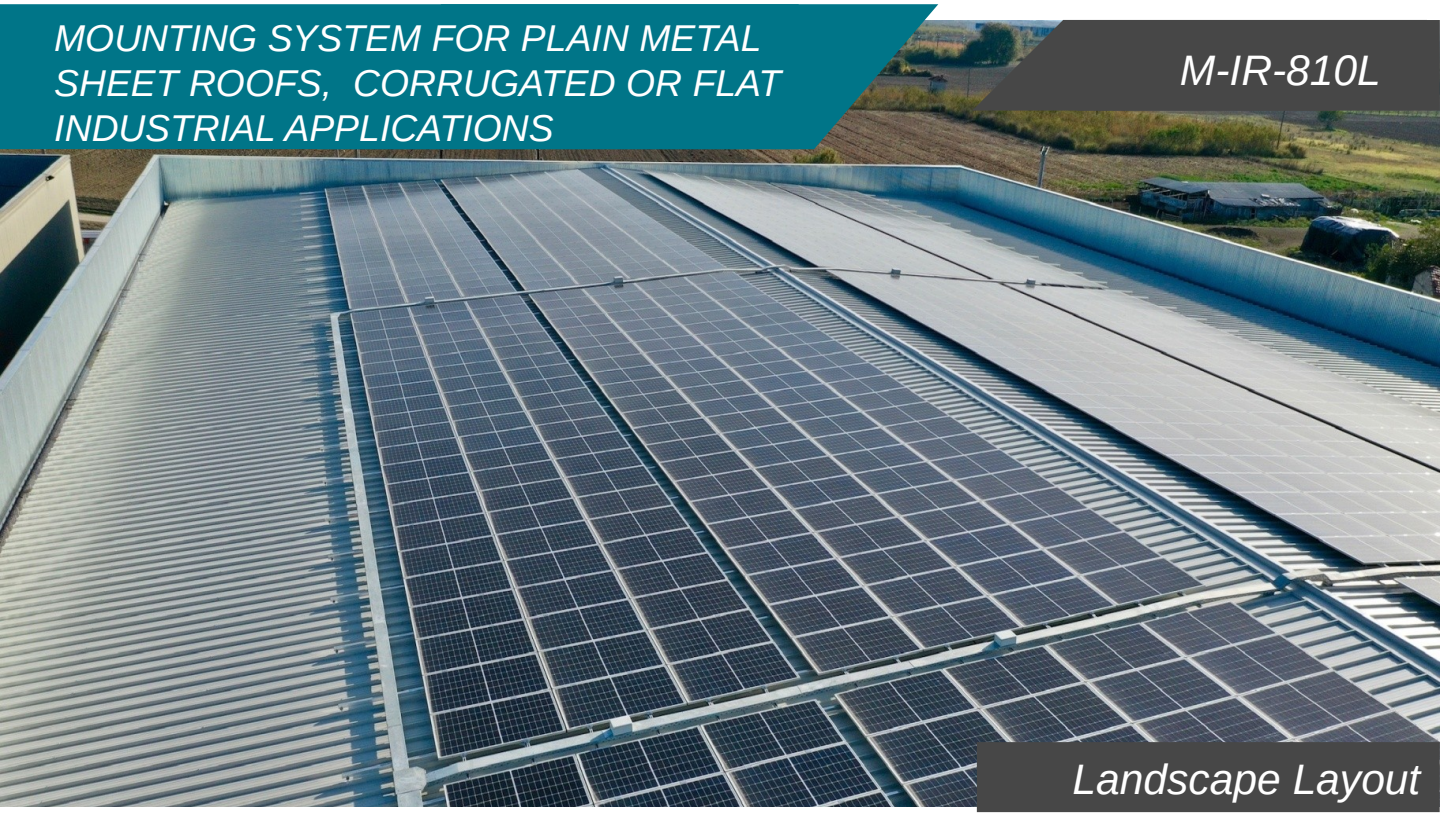
METALOUMIN
ALUMINIUM SYSTEMS SINCE 1969

MOUNTING SYSTEM FOR PLAIN METAL SHEET ROOFS, CORRUGATED OR FLAT INDUSTRIAL APPLICATIONS

M-IR-810L



Landscape Layout

FEATURES	
Application	**Industrial Roofs**
Materials	**Aluminum**
Accessories	**High Quality INOX or Galvanized ones**
Inclination	**Parallel to the roof**
Foundation	**On the roof's purlins**
Orientation	**Landscape**
Anchoring	**Hanger Bolts for Metal BZ type, self-drilling screws for connection of PV Rails to the PV Rail connectors**
Standard	**Eurocodes & National Annexes**
Mb_{max} for rail	**0.7 kNm**
Wind Load Limit	**33 m/s (Terrain Category I)**
Snow Load Limit	**1.7 kN/m² (Zone C)**

20 AG. FANOURIOU STR., KTIPITO AHARNAI, GR 136 78, ATHENS, GREECE
TEL: +30 210 2463630, FAX: +30 210 2464471, Web: www.metaloumin.gr, Email: export@metaloumin.gr

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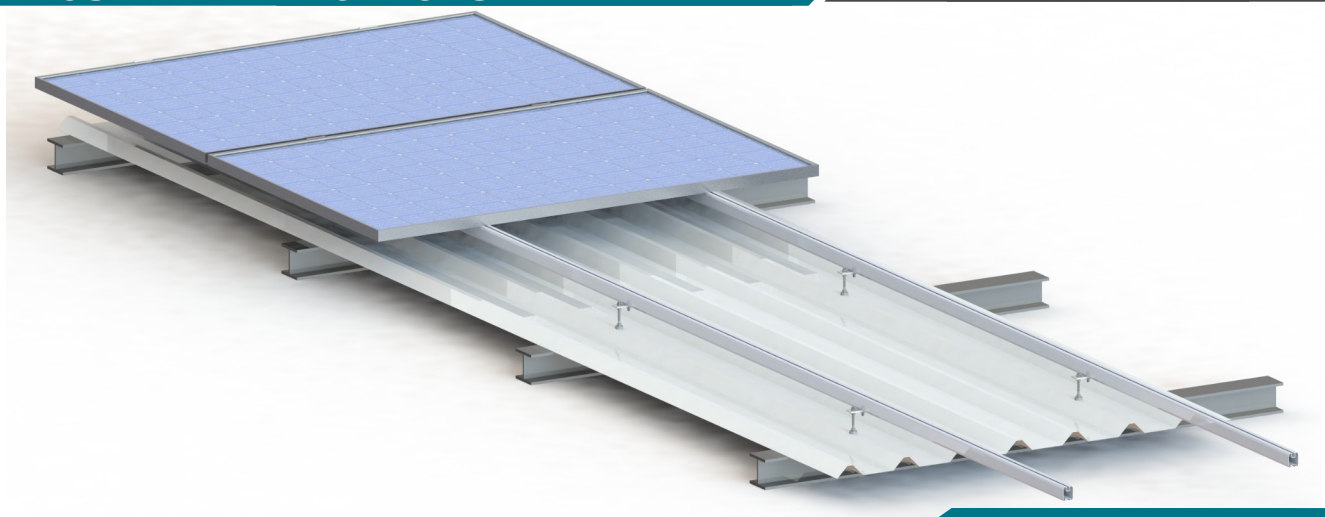
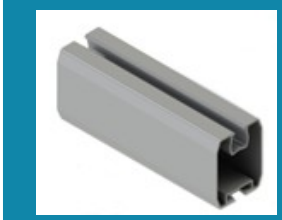


COMPONENTS

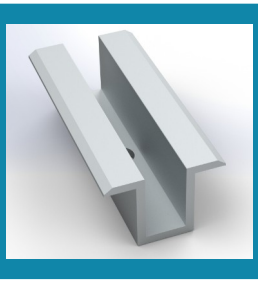
Tension and compression resistance $N_{R,k}$ values for the connection to steel substructures		
	Thickness of substructure t_{st} [mm]	
	2	3
$N_{R,k}$ [kN]	4.26	7.32

Predrill diameter in mm for profiled sheeting and substructure				
Thread-forming screws of solar fasteners	Thickness t_{st} of steel substructure [mm]			
	1.5<5.0	5.0<8.0	8.0<10	≥10
RSB-Z 8.0 / M8 x L	6.8	7.0	7.2	7.4
RSB-Z 8.0 / M10 x L				



1.PV Rail

2.End Clamp



3. Middle Clamp

4. Fastener BZ Type

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