

FLAT ROOF AERO EW MOUNTING SYSTEM - GLUED

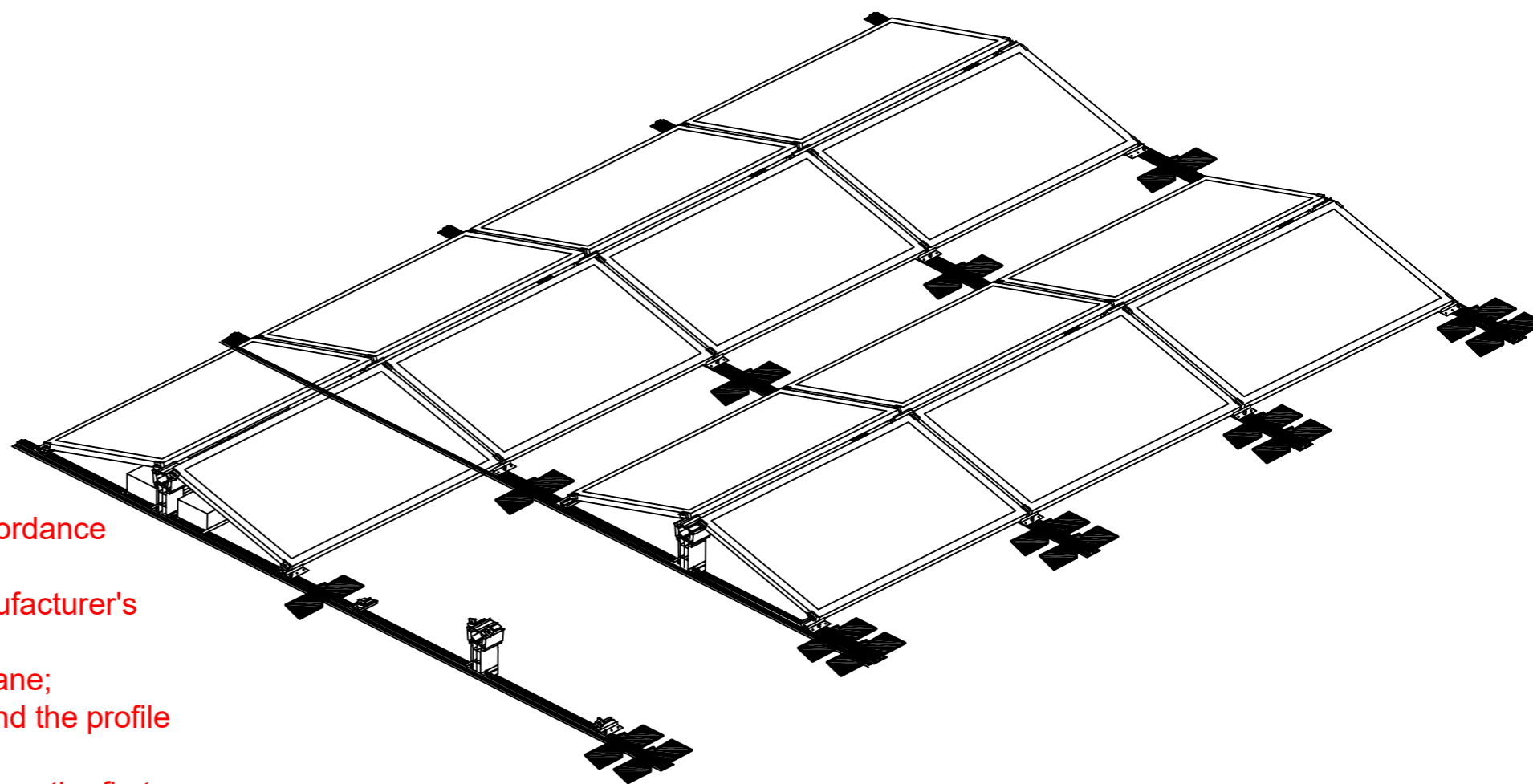


Non-invasive AERO EW system - glued / welded

Technical specification

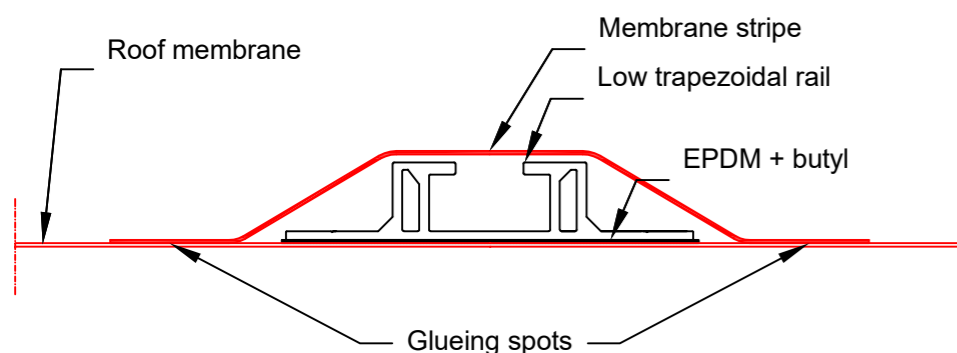
System material	aluminium, Magnelis and stainless steel
Roof type	flat roof
The angle of inclination	10°, 15°
Module orientation	horizontal
Assembly system	on the short side up to 70 mm from the edge (on AERO 1 profile)
Roof area for 1 kW	7,01 m ² (for 1650x992 module)
Roof load with modules and ballast	ok. 15 kg/m ² (load may vary depending on building location)

Energy5 recommends using an additional layer of roof membrane under the trapezoidal mounting rails.

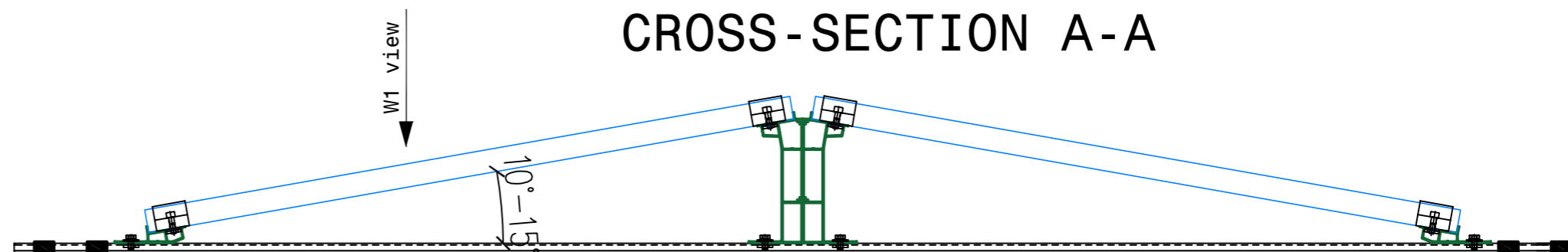


Uwaga:

- The welding connection of the membrane must be made in accordance with the Declaration of Performance;
- Geotextile - if necessary, glue according to the membrane manufacturer's installation instructions;
- The welded stripes must be compatible with the roofing membrane;
- The welded stripes must be located directly in front of and behind the profile as seen from the side;
- If the overlap with mechanical connectors is more than 50 cm from the first row of photovoltaic panels, additional mechanical fastening should be performed, e.g. using telescopic connectors, and then secured with a membrane.
- Before welding the membrane, a test weld should be performed,
- Stripes measuring 9x35 cm



CROSS-SECTION A-A



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