DATASHEET

SOLARSPEED 3.0

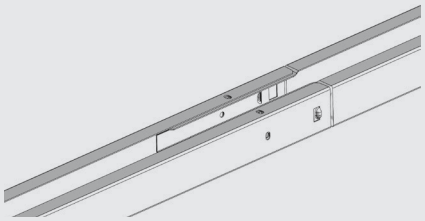
SOUTH LANDSCAPE

130126.ENG

avasco solar

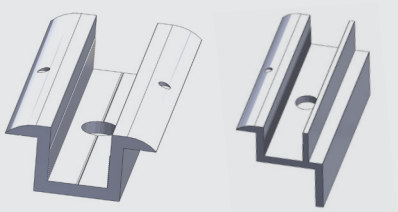
SOLARSPEED

ADVANTAGES



click system

Basic units can be connected by a click system, which ensures good alignment and quick installation.



clamps

The clamps are fastened onto the top profiles with M8 bolts for a reliable connection of your module.

semi-assembled triangles

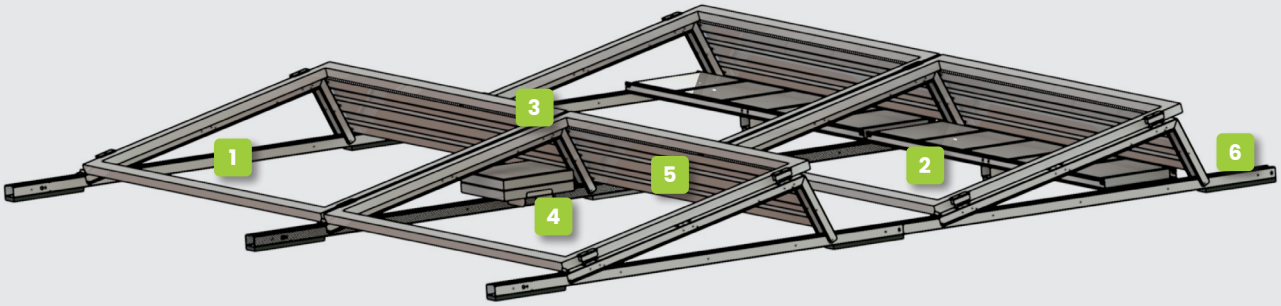
Working with semi-assembled triangles not only saves on installation time, but also drastically reduces the number of individual parts on the roof!

made of zinc-magnesium steel

Perfect for applications with long-term corrosion resistance requirements.
Self-healing properties and good electrical conductivity.

SOLARSPEED

COMPONENTS



STANDARD COMPONENTS

1. basic unit
   - semi-assembled triangle
   - rail
   - protective rubbers*
2. set of L-profiles + centre piece
3. clamps + M8 bolts
4. ballast support
5. backplate
6. end rubber*

FOOTING SYSTEMS

- concrete footing (12kg) + hammer plug
- PP footing
- omega bracket

For PVC roofs use rubber with aluminium underlay.

ADDITIONAL COMPONENTS

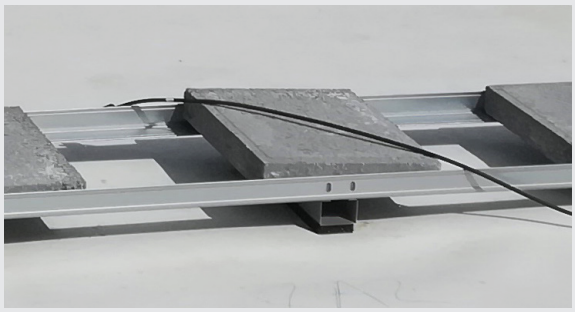
- ridge connection
- anchor profile
- C-rail end reinforcement

PROVIDED BY INSTALLER

- ballast tiles
- lightning connection
- earthing connection
- solar module

SolarSpeed on concrete footing

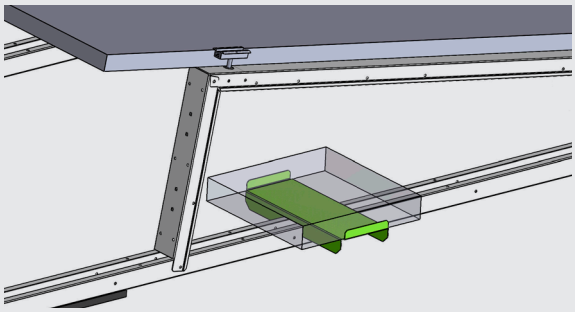
- Easy to assemble by means of hammer plugs.
- Concrete footing also serves as ballast.
- Very good drainage due to increased space under the profiles.
- Ideal for pebbled and green roofs. Far fewer pebbles have to be removed compared to traditional frames.



SolarSpeed ballast supply

with sets of L-profiles

- The sets of L-profiles are used to place ballast under the modules and also serve as extra reinforcement of the frame.
- The support in the middle serves to prevent sagging of the L-profiles. These are secured with sheet
  metal screws.
- The extra connection between the basic units makes the installation even stronger.



with ballast supports

- Ballast supports can be placed on the inside and outside of the installation.
- The ballast support can be quickly and easily slid over the rail of the basic unit.

ballast with online tool

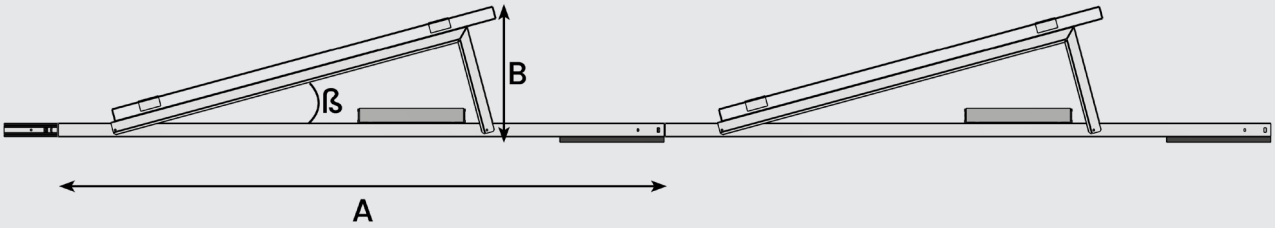
online calculator

- With our free online software, you can work out your projects very quickly and easily!
- Define the location and environment, make a sketch of the roof, choose the modules and the mounting frame and after drawing up the PV installation, our software calculates the correct ballast plan.
- All information regarding roof loads, mounting structure and placement are included in a clear report, as well as a complete bill of materials.

tested and approved

- When developing our mounting frames, the most recent applicable standards and guidelines are always taken into account.
- These frames have undergone wind tunnel testing and the results have been incorporated into our calculations. In this way, we can present a complete technical file when elaborating your project.

dimensions and angles



Panel Width	Pitch (A)	Height (B)
950 – 1310 MM · ß = 10,0°	1500 MM	250 – 275 MM
950 – 1310 MM · ß = 12,5°	1600 MM	285 – 320 MM
950 – 1310 MM · ß = 15,0°	1750 MM	325 – 365 MM

Other pitches are available on request.