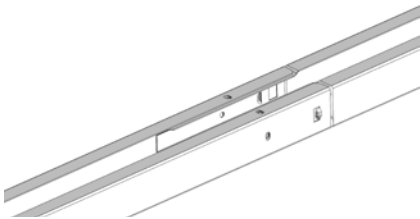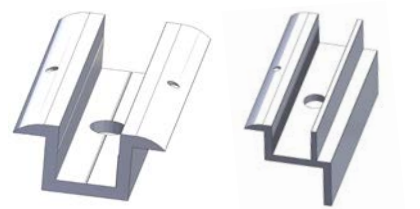**datasheet**

# SolarSpeed 4.0
# east-west landscape

# 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!
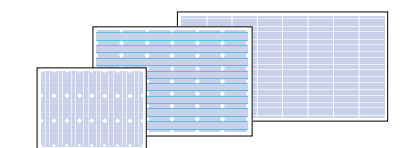
✓ **made of zinc-magnesium steel**

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

✓ **inversed layout**

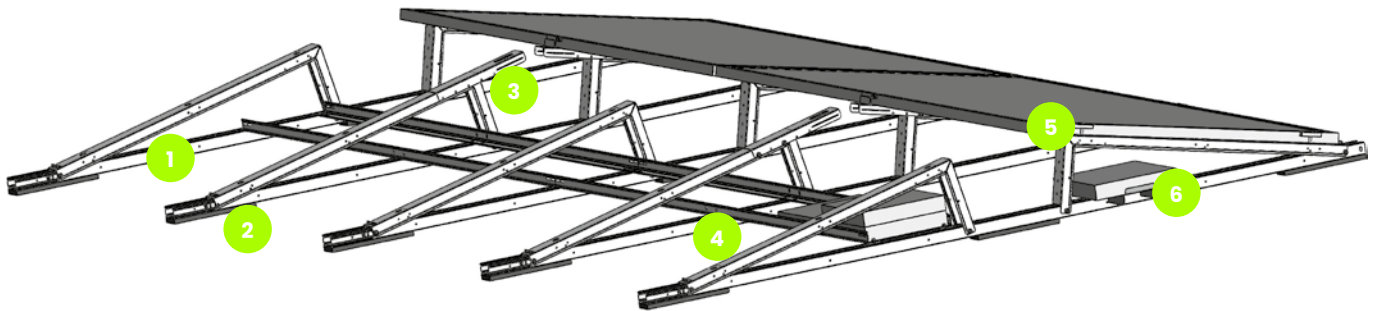Improved aerodynamics resulting in a lightweight solution and improved accessibility beneath modules.

✓ **large modules**

Ideal for new generations of large modules.

# SolarSpeed components



## standard components


**1** basic unit: semi-assembled triangle + rail + protective rubbers*


**2** end rubber*


**3** bracket + extension piece for mid support


**4** set of L-profiles


**5** clamps + M8 bolts


**6** ballast support

## additional components


concrete footing (12kg) + hammer plug


PP footing


C-rail end reinforcement


centre piece for set of L-profiles


ridge connection
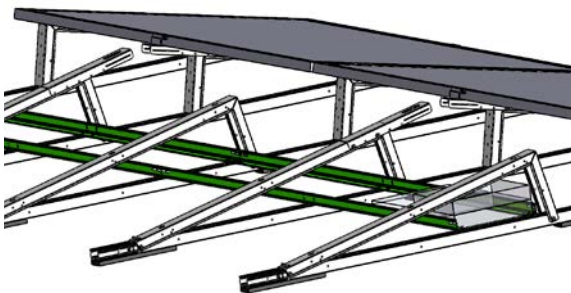
*For PVC roofs use rubber with aluminium underlay.*

201023.ENG
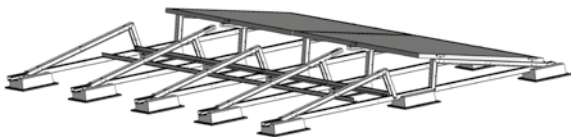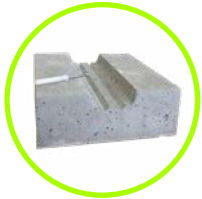
## SolarSpeed on concrete footing



- 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 extra connection between the basic units makes the installation even stronger.
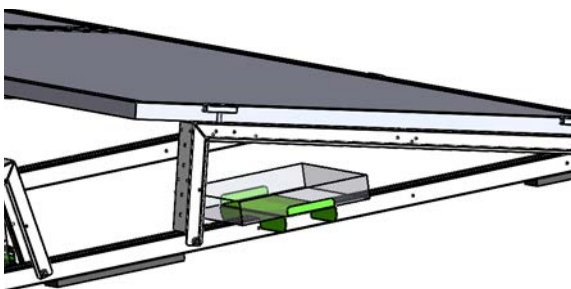


### with ballast supports

- Ballast supports can be placed on the inside 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
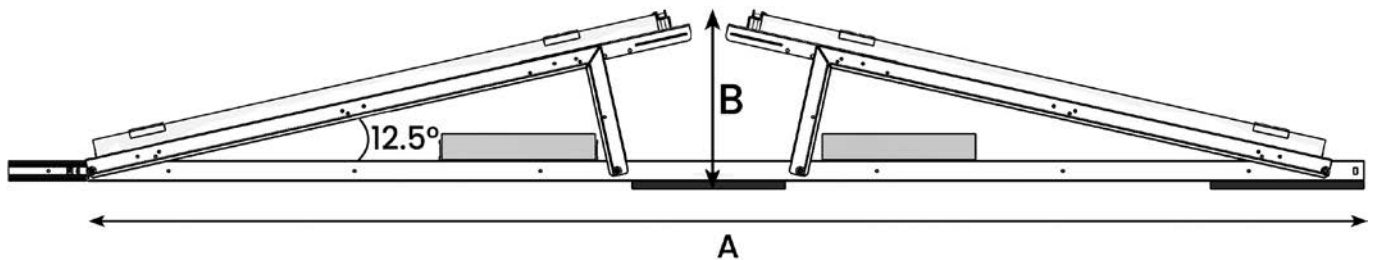


| Panel Width | Pitch (A) | Height (B) |
|---|---|---|
| 960 – 1060 MM | 2350 MM | 300 – 320 MM |
| 1061 – 1140 MM | 2500 MM | 320 – 340 MM |
| 1141 – 1230 MM | 2700 MM | 340 – 360 MM |
| 1231 – 1320 MM | 2850 MM | 360 – 380 MM |

*Other pitches are available on request.*

# avasco solar

## 100% belgian made

SolarSpeed is manufactured from A to Z at our production site in Ypres. As a result, we are always in control of the quality of our products, throughout the entire production process. This local production under our own management also ensures that we can respond to market demands in an extremely flexible way. The standards that are applied at all times are those of our quality management system, ISO 9001.

## on-site delivery

We always have a large number of mounting frames in stock in our warehouse. This allows us to continue to guarantee short delivery times, even for your industrial projects. If desired, we can also deliver the materials directly to the site, both domestically and abroad.

**solar**
**mounting**
**frames**