

# FP2S PV-Shelter



# Sustainability

## Solar power

We are committed to continuously improving our corporate citizenship. The goal of Atkore's Environment, Social and Governance (ESG) effort is to promote growth that takes into account human well-being and the environment.

Climate change presents significant challenges for businesses, communities, and the planet. **Atkore is committed to reducing GHG emissions across our operations, utilizing our product offerings to support the low carbon economy transition**, and strategically addressing the implications of climate change for our business.

Solar power is the conversion of energy from sunlight into electricity, e.g. by using photovoltaics (PV). Photovoltaic cells convert light into an electric current using the photovoltaic effect.

Photovoltaics were initially solely used as a source of electricity for small and medium-sized applications, from the calculator powered by a single solar cell to remote homes powered by an off-grid rooftop PV system. Commercial concentrated solar power plants were first developed in the 1980s. Since then, as the cost of solar electricity has fallen, grid-connected solar PV systems' capacity and production have grown more or less exponentially, doubling about every three years. Millions of installations and gigawatt-scale photovoltaic power stations continue to be built.

**In 2022 solar generated 4.5% of the world's electricity, with almost half the solar power installed on rooftops.**





# FP2S PV-Shelter

Solar shelter from Atkore Vergokan

**Discover the solar shelter FP2S: a brand-new product that protects your solar inverter from the elements. The Flat Pack 2 Shelter offers a solid, modular construction with a short assembly time.**

Why Atkore Vergokan FP2S PV-Shelter?

- ▲ Durable and solid. The roof is in high-grade zinc magnesium and the construction consists of Atkore Unistrut profiles.
- ▲ Assembly time from flat pack to installation under 7 minutes.
- ▲ Modular construction with optimal price/quality balance.
- ▲ Optional add-ons available: joiners, protective roof supports and multiple mounting supports.
- ▲ Various versions available: singular, double or wall mounted.
- ▲ Increased fire safety, due to outside location of inverters.
- ▲ Space-saving inside the building.



## Product details



RPMFP2S  
Roof protection mats FP2S

Reference		Unit
RPMFP2S.1	2	pc
RPMFP2S.2	2	pc



ZMCWSFP2S  
Counterweight support FP2S

Zinc magnesium	$\leftrightarrow$ mm		Unit
ZMCWSFP2S.1500	1500	2	pc




HDSRAPFP2S  
Slanted roof adjustment piece FP2S

Hot-dip		Unit
HDSRAPFP2S.2	2	pc



MSFP2S  
Mounting set for wire baskets FP2S

Zinc magnesium	$\leftrightarrow$ mm		Unit
MSFP2S.200	200	2	pc



CONNECTFP2S  
Connecting plates FP2S

Hot-dip		Unit
CONNECTFP2S	2	pc

# PV-Shelter

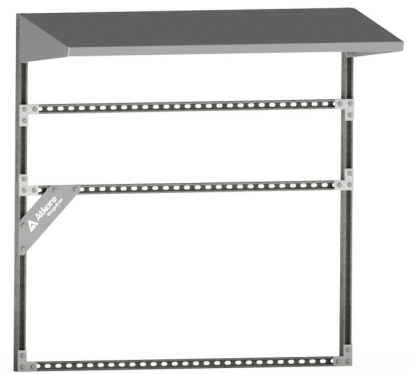
Product details



FP2S.1.1500



FP2S.2.1500



FP2S.W.1500

Reference	⇅ mm	↔ mm	↶ mm	📦	Unit
FP2S.1.1500	1500	1500	750	4	pc
FP2S.2.1500	1500	1500	1500	4	pc
FP2S.W.1500	1500	1500	490	4	pc
FP2S.1.1500.S	1500	1500	750	1	pc
FP2S.2.1500.S	1500	1500	1500	1	pc
FP2S.W.1500.S	1500	1500	490	1	pc



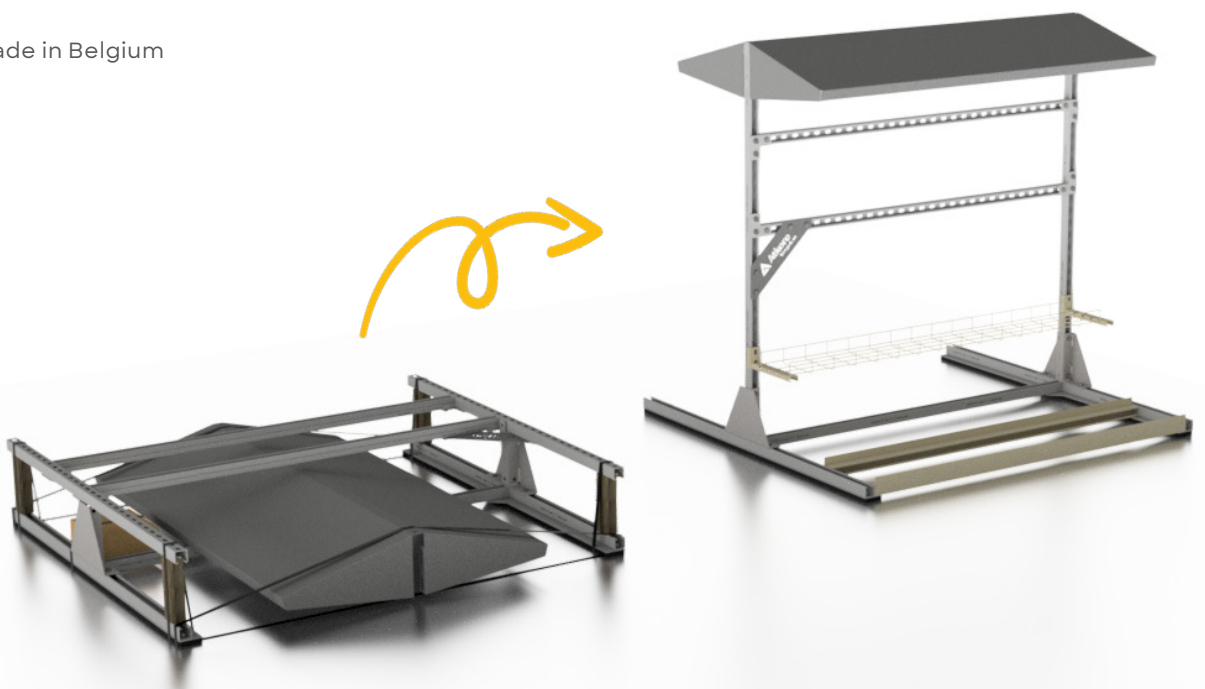
Easy & rapid install - under 7 minutes



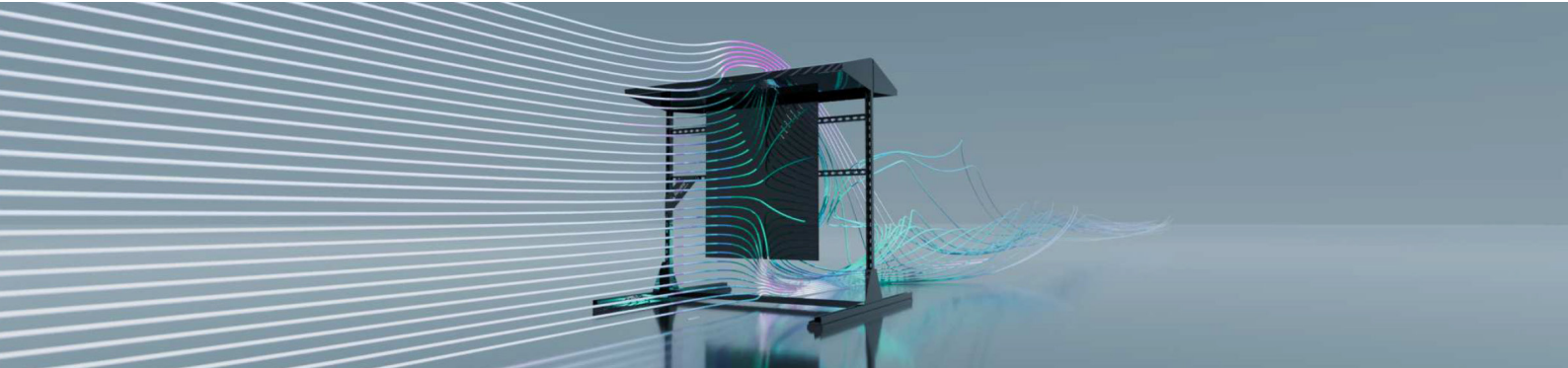
Genuine Atkore Unistrut profiles and Atkore Vergokan zinc magnesium roof



Made in Belgium





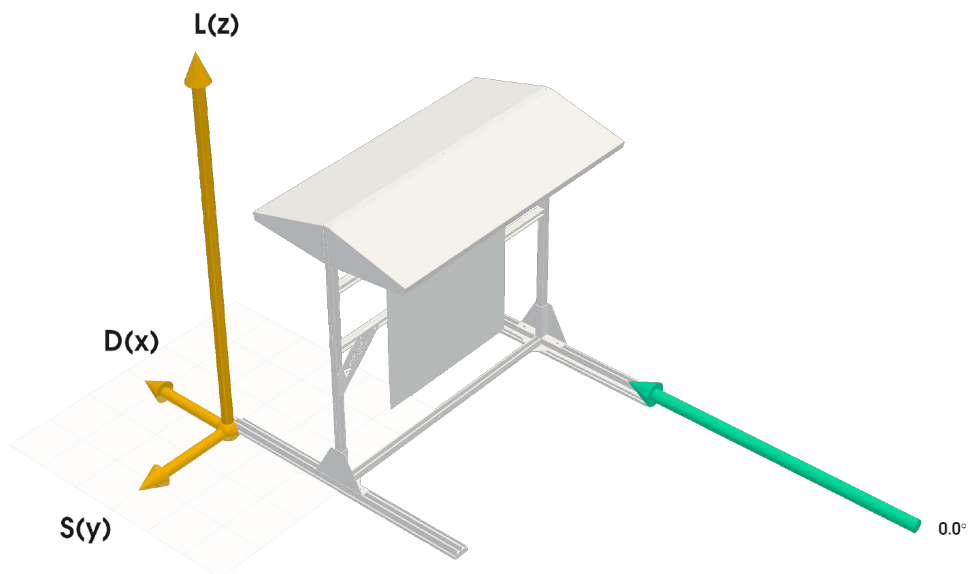


## Testing the limits

In an ongoing effort to lead in technological advancements and deliver high-quality products, Atkore Vergokan's R&D team uses an advanced wind tunnel to conduct extensive tests on our most innovative products. These experiments are aimed at understanding the interaction between our structures and the forces of wind, providing us with valuable insights to enhance the performance and reliability of our products.

The insights gained go beyond mere product enhancement. They have provided us with valuable knowledge for designing robust structures and installations in diverse contexts. Our research underscores that thorough analysis, coupled with practical experiments under realistic conditions, are crucial for predicting and designing structures that are optimally resistant to wind loads.

This research initiative marks a crucial step forward in Atkore Vergokan's ongoing commitment to innovation, quality, and sustainability. Our R&D department remains dedicated to developing pioneering solutions that meet the highest industry standards.



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*In today's fast-moving world, it's essential to understand your customers' needs and how they experience your products. As Product Developers, we take our customers perspective to design the product that caters to their needs. With the FP2S, we designed a product which is easy and fast to install on-site, with optional accessories allowing personal configuration, and which is optimized for transportation and storage as a FlatPack solution. Bringing added value to our products, reflected in positive feedback from our customers, is our driving force to keep heading in this direction.*

*- Filip de Maertelaere,  
Product Development Manager -*

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**BUILDING BETTER  
TOGETHER**

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