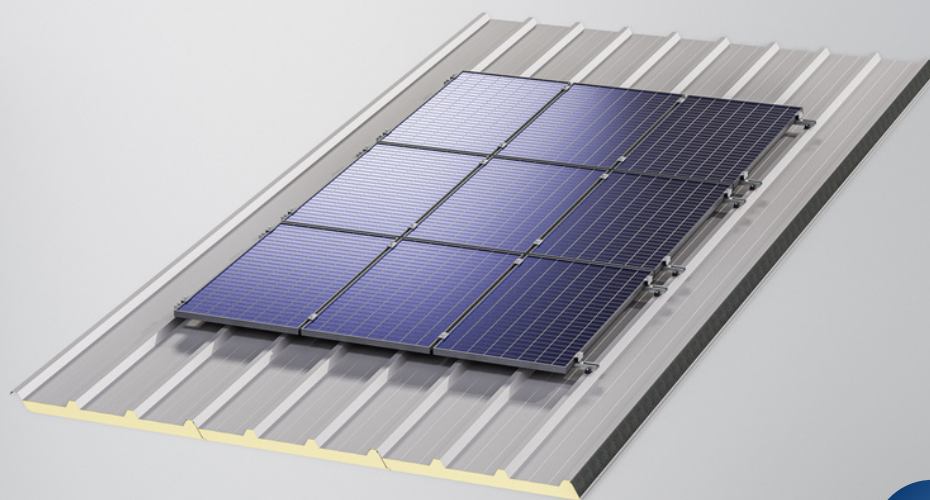


ARPANEL

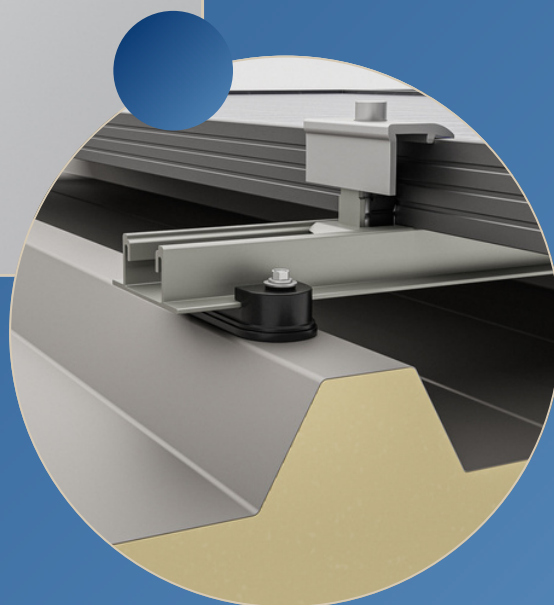
More than just a roof — an energy foundation

**A roof made of
ARPANEL sandwich
panels, approved for
the installation of
photovoltaic systems.**

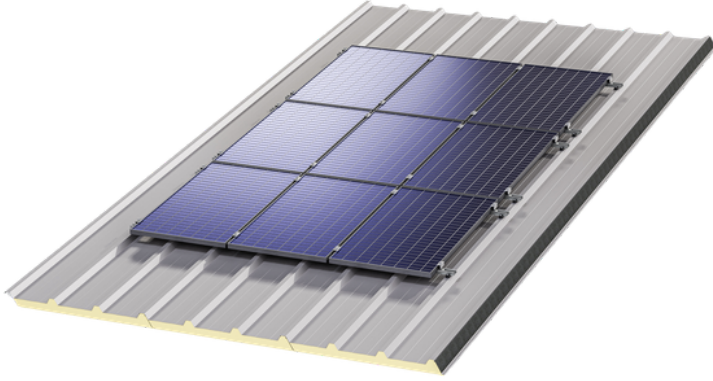


**For modern
industrial and
commercial
architecture.**

**Energy embedded
in architecture.**



A SOLID FOUNDATION FOR PHOTOVOLTAICS



The longevity of a photovoltaic system starts with a properly designed roof. ARPANEL D PIR sandwich panels ensure stability, safety and technical specifications required for the professional installation of photovoltaic systems.

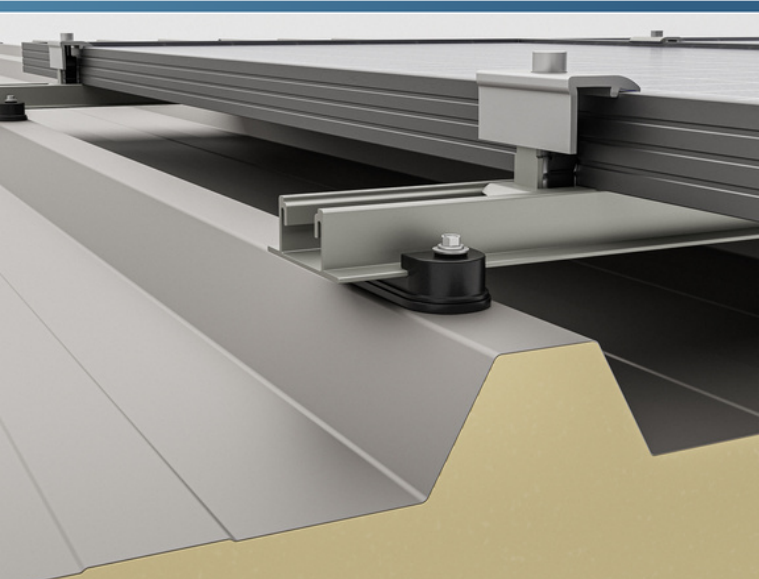
Carefully selected material properties, refined geometry and high-quality workmanship guarantee that loads are transferred correctly and that the functional properties of the product are maintained.

ARPANEL D PIR provides a solid foundation for modern photovoltaic installations, ensuring the safe operation of the site and long-term reliability.

THE BENEFITS OF PHOTOVOLTAIC SYSTEMS ON ROOFS MADE FROM ARPANEL SANDWICH PANELS

- ✓ **Effective use of the site potential**
A roof made of ARPANEL sandwich panels becomes an active component of the energy infrastructure.
- ✓ **A stable and secure installation base**
The appropriate technical specifications ensure the correct load transfer and long-term reliability.
- ✓ **Real operational savings**
Generating your own energy reduces the operating costs of the site.
- ✓ **Long-term reliability**
A solution designed for durability and trouble-free operation for years to come.
- ✓ **A modern standard in industrial and commercial construction**
A solution which supports sustainable development and a long-term energy strategy.

RECOMMENDED INSTALLATION SYSTEM



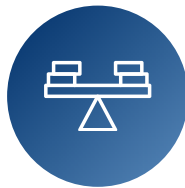
The combination of ARPANEL D PIR sandwich panels with the K2 Systems installation system is a safe and certified solution for the roofs of industrial, logistics and commercial buildings.

The system enables the stable installation of photovoltaic systems without interfering with the load-bearing structure of the building, while maintaining technical specifications of the roof and ensuring a long service life.

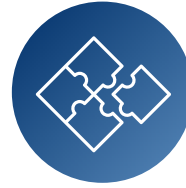
CHOOSE THE PROVEN SYNERGY BETWEEN THE ROOF AND PHOTOVOLTAICS



Safe installation without compromising the load-bearing structure



Optimal load distribution

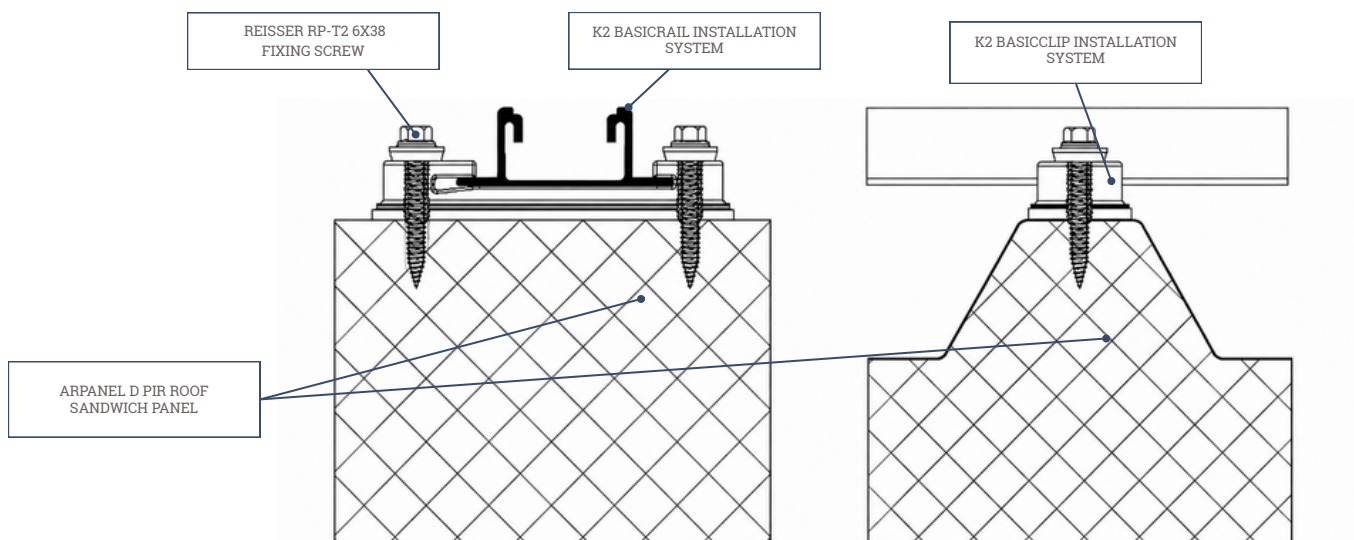


Compatibility with ARPANEL D PIR sandwich panel roofs



A solution designed specifically for modern industrial, logistics and manufacturing sites

SECTION



RECOMMENDED INSTALLATION SYSTEM



BASICCLIP FIXING ELEMENT

A mounting bracket for direct installation of the K2 BasicRail on the central ridges of a sandwich panel. It has a general technical approval – DIBt Z-14.4-603.

Installation: 2 self-tapping screws, 6 x 38 mm.
Material: polyamide reinforced with glass fibre, UV-resistant.

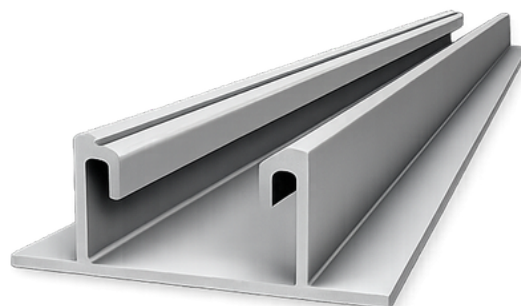
BASICRAIL 22 RAIL

Quick-fitting rail.

For installation using BasicClip on a sandwich panel roof.

Available lengths: 2.40, 4.80 and 5.95 m.

Material: EN AW-6063 T66 aluminium



REISSER RP-T2 6X38* FIXING SCREW

A 6 x 38 mm self-tapping screw for chip-free machining, approved for use with sheet metal. Has a technical approval.

Certificates: abZ (de), abZ (de) BasicClip, ETA (eu), MCS (gb).

Material: A2 stainless steel, washer with EPDM seal

RECOMMENDED INSTALLATION SYSTEM

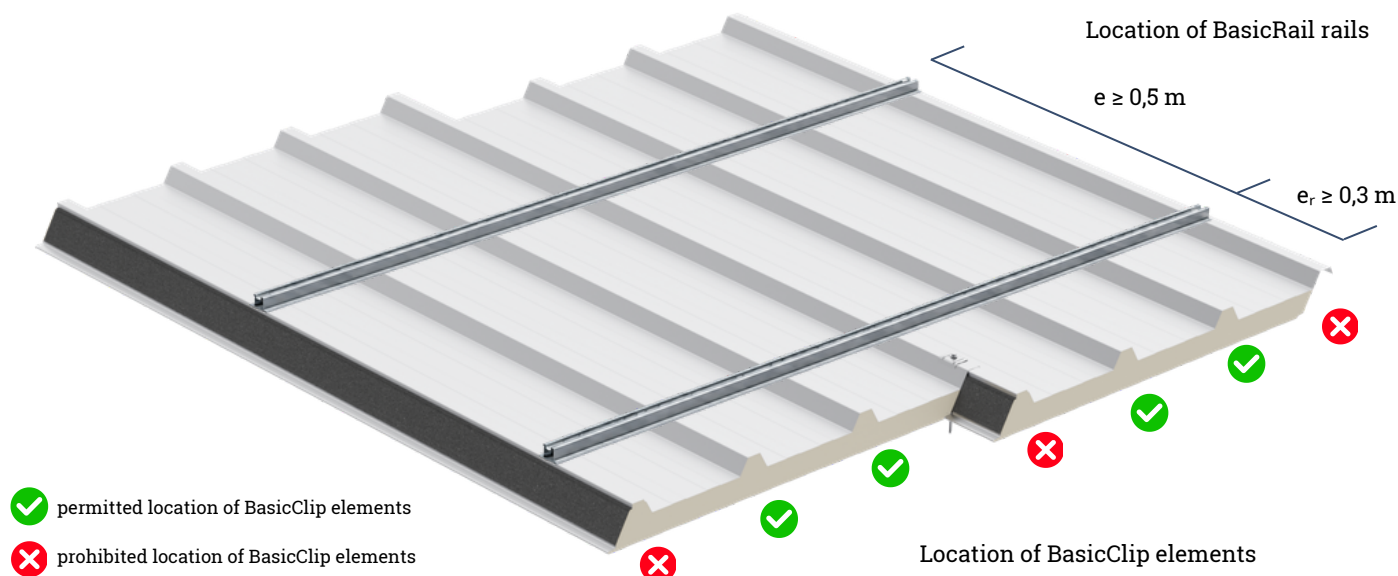
To ensure complete safety and compliance with technical requirements, the following conditions must be met:

TECHNICAL REQUIREMENTS

Parametr	Wymaganie
Panel type	ARPANEL D PIR
Panel thickness	60–160 mm
Minimum yield strength of the outer cladding	≥ 280 MPa
Minimum thickness of the outer sheet metal	$\geq 0,5$ mm
Number of K2 BasicClip elements	Maks. 2 szt./mb szerokości systemu
Minimum clearance from the gutter line and roof ridge	$e_R \geq 0,3$ m
The minimum spacing between adjacent K2 BasicClip elements in the longitudinal direction of the panel	$e \geq 0,5$ m

The detailed terms and conditions of the warranty for external steel cladding with regard to corrosion protection should be agreed with a company representative.

INSTALLATION LOCATION – ON THE CENTRAL RIDGES OF THE PANEL



Adamietz S.A., the manufacturer of ARPANEL sandwich panels, is not responsible for any differences between the content of technical catalogue and the real products parameters.

The manufacturer reserves the right to implement changes and modifications in the content without prior notice.

Pursuant to the Civil Code, the content of the product card does not constitute a commercial offer.



Please consider the environment
before printing this catalogue.