

ALUMERO

EN



**SUSTAINABLE
SOLAR
SOLUTIONS**

easyBRIDGE
DATA SHEET

Your big plus

- + Easy mounting on trapezoidal sheet coverings made of steel or aluminium
- + Fastening without lifting up shavings
- + Pre-mounted EPDM rubber for additional sealing btw. roof and metal sheet
- + Module alignment vertical and horizontal
- + Additional adapters allow the modules to be elevated 5° or 7°
- + Additionally employed to level curvature of barrel roofs
- + Light and durable thanks to aluminium

Technical data

Use	Curved trapezoidal sheet roof
Roof angle	max. 45° trapezoidal sheet bridge, max. 13° or 15° with elevation via adapters
Sheet thickness	Sheet steel min. 0.5 mm, aluminium min. 0.8 mm
Trapezoidal sheet raised bead	Minimum width 25 mm
Distance between crowns	Trapezoidal sheet bridge 400: 100 - 170 / 190 - 333 mm Trapezoidal sheet bridge 250: 65 - 207 mm
Fastening	4 pcs. drilling screws (direct connection into the trapezoidal sheet)
Module inclination	Parallel to the roof
Roof areas	All roof areas according to EN 1991-1-4
Module orientation	Vertical and horizontal
Module dimensions	Any
Module field size	Max. 12 meters in module clamping direction
Snow-/windloads	Calculation according to DIN EN 1991-1-3:2010-12 resp. DIN EN 1991-1-4:2010-12 using ALUMERO Solar.Pro.Tool
Building height	≤ 25 m (higher on demand)
On-site requirements	The static load-bearing capacity of the roof structure or the building must be ensured on site
Materials	Supporting components made of aluminium EN AW 6063 T66; screws made of stainless steel A2-70; EPDM



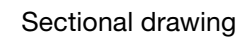
Trapezoidal sheet bridge 2.1 (Plus) L=400mm



Trapezoidal sheet bridge 2.1 (Plus) L=250mm



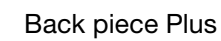
Sectional drawing



Front piece Plus



Back piece Plus



ALUMERO Solar.Pro.Tool

Project planning in 8 steps

- 1 Master data
- 2 Roof data
- 3 Roof measurement
- 4 PV modules
- 5 Structure
- 6 CAD diagram
- 7 Structural design
- 8 Material list



We give our customers the possibility of creating technical, project-related system designs incl. static calculation and project reports using our online software **ALUMERO Solar.Pro.Tool**.



System components

You can find further articles in our product catalogue
or on our website: www.alumerogroup.eu



Trapezoidal sheet bridge 2.1

L = 400 mm, inkl. Selbstbohrschrauben
mit Dichtung / incl. screws and sealing
Sickenabstand: 100 - 333 mm

Trapezblechbrücke 2.1

Distance between beads: 100 - 333 mm

Produktnummer/Product No.: **802440**



Trapezoidal sheet bridge 2.1

L = 250 mm, inkl. Selbstbohrschrauben
mit Dichtung / incl. screws and sealing
Sickenabstand: 100 - 207 mm

Trapezblechbrücke 2.1

Distance between beads: 100 - 207 mm

Produktnummer/Product No.: **802441**



Trapezoidal sheet bridge 2.1 Plus

L = 400 mm, inkl. Selbstbohrschrauben
mit Dichtung / incl. screws and sealing
Sickenabstand: 100 - 333 mm

Trapezblechbrücke 2.1 Plus

Distance between beads: 100 - 333 mm

Produktnummer/Product No.: **802445**



Trapezoidal sheet bridge 2.1 Plus

L = 250 mm, inkl. Selbstbohrschrauben
mit Dichtung / incl. screws and sealing
Sickenabstand: 100 - 207 mm

Trapezblechbrücke 2.1 Plus

Distance between beads: 100 - 207 mm

Produktnummer/Product No.: **802452**



Middle clamp Click 2.1

Mittelklemme Click 2.1

Produktnummer/Product No.:

Blank/sheer: **802301C P1 30-45**

Schwarz/black: **802391C P1 30-45**



End clamp Click

Abschlussklemme Click

Produktnummer/Product No.:

Blank/sheer: **802304C P1 30-42**

Schwarz/black: **802304C P1 30-42**



Front piece Plus

Vorderteil Plus

Produktnummer/Product No.: **802446**



Back piece Plus

Hinterteil Plus

Produktnummer/Product No.: **802447**



Securing set Plus

Sicherungsset Plus

Produktnummer/Product No.: **802448**