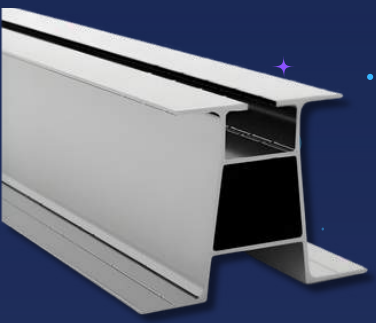








PRODUCT CATALOGUE

MAP ALÜMİNYUM

Solidity that comes from trust

PRODUCT RANGE

MAP ALUMINIUM | OEM & CONTRACT MANUFACTURING

01 MINI SOLAR PROFILE
Compact roof mounting profiles

02 STANDARD SOLAR PROFILE
Aluminium mounting rails

03 ECO SOLAR PROFILE
Economical roof mounting solutions

04 CLAMPS
Mid clamps, end clamps and accessories

05 CONNECTION EQUIPMENT
Fasteners and mounting accessories

06 SOLAR ROOF HOOKS | NEW
Tile roof hooks and custom stamped components

07 SOLAR PANEL FRAME PROFILES | NEW
OEM aluminium frame processing



MINI SOLAR PROFILE

Mini profiles provide lightweight and economical solutions for 5-ribbed sandwich and trapezoidal roofs thanks to their small dimensions. They are mounted directly to the roof with roofing screws and insulation material.

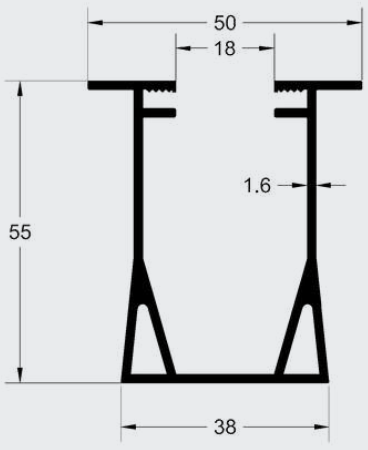
MATERİAL

Material	EN AW 6063 T6
Length	120 mm
Surface	Raw (Uncoated)

APPLICATION

Mounting Type	Screwing over the rib
Sealing	EPDM Tape, rubber-based silicone
Area of Use	Sandwich roof, trapezoidal roof
Settlement Type	Horizontal

DİMENSİONS







STANDARD SOLAR PROFILE

Eco profiles can be cut to fit all pitch sizes for sandwich and trapezoidal roofs, either in sections or in full length. They are designed to withstand the snow, wind, and earthquake loads specified in the EUROCODE. They are installed directly onto the roof using roofing screws and insulation material.

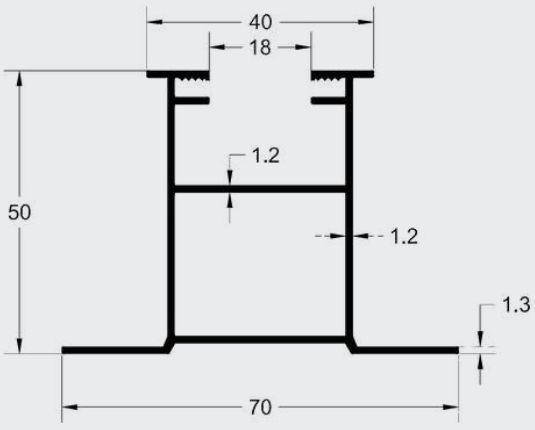
MATERİAL

Material	EN AW 6063 T6
Length	300 mm - 540 mm - 3000 mm - 6000 mm
Surface	Raw (Uncoated)

APPLICATION

Mounting Type	Screwing over the rib
Sealing	EPDM Tape, rubber-based silicone
Area of Use	Sandwich roof, trapezoidal roof
Settlement Type	Horizontal, Vertical

DİMENSİONS







ECO SOLAR PROFILE

Eco profiles can be cut to fit all pitch sizes on sandwich and trapezoidal roofs, either in sections or in full length. Designed to meet the snow, wind, and earthquake loads specified in the EUROCODE, they offer cost-effectiveness thanks to their weight advantage. They are mounted directly to the roof with roofing screws and insulation material.

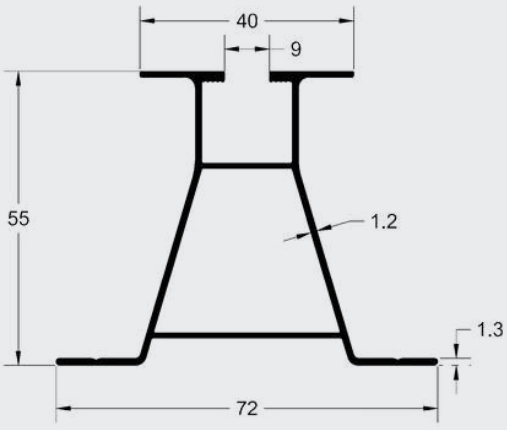
MATERİAL

Material	EN AW 6063 T6
Length	300 mm - 540 mm - 3000 mm - 6000 mm
Surface	Raw (Uncoated)

APPLICATION

Mounting Type	Screwing over the rib
Sealing	EPDM Tape, rubber-based silicone
Area of Use	Sandwich roof, trapezoidal roof
Settlement Type	Horizontal, Vertical

DİMENSİONS







CLAMPS

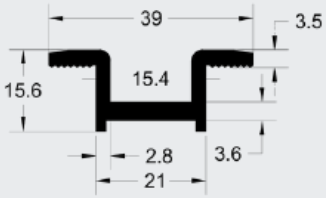
Aluminum panel clamps offer both lightness and durability. With options suitable for various panel heights, they are the ideal choice for arranging photovoltaic panels and securing them to the infrastructure.

FEATURES

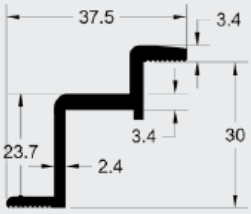
Material	EN AW 6063 T6
Length	50 mm Standard - 60-100 mm Special Size
Surface	Raw (Uncoated)
Mounting Type	M8 Bolt

DİMENSİONS

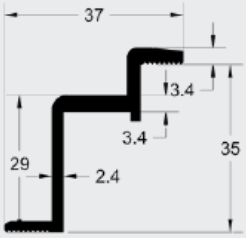
Mid Clamp



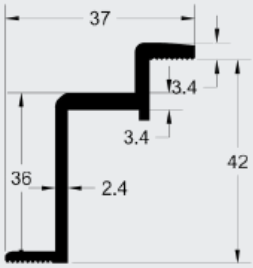
H: 30 End Clamp



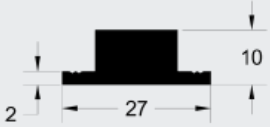
H: 35 End Clamp



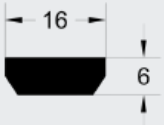
H: 42 End Clamp



Standard Profile Nut



Eco Profile Nut





CONNECTION EQUIPMENT

These are connection equipment that varies depending on different roof types and installation methods. Material type and product dimensions vary.

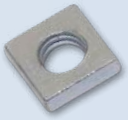
MAP ALÜMİNYUM

Imbus Bolt

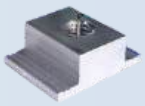
- M8x30
- M8x35
- M8x40
- M8x45
- M8x50



M8 Sheet Metal Nut



Aluminum Nut



Stainless Tile Roof Hook



Solar Roof Screw



SOLAR ROOF HOOKS

MAP ALUMINIUM | OEM & CONTRACT MANUFACTURING

PRODUCT OVERVIEW

Metal roof hooks for photovoltaic mounting on tiled roofs.

Standard and drawing-based OEM production options.

MANUFACTURING CAPABILITIES

Sheet metal stamping, forming and bending

Stainless steel and galvanized steel processing

Custom geometry based on approved customer drawings

APPLICATIONS

Pitched tile roofs and PV mounting structures

Project-specific fastening and mounting configurations

TECHNICAL SPECIFICATIONS

Material grade, thickness, geometry and coating: to be confirmed

Dimensions and load performance: subject to technical approval

SOLAR ROOF HOOKS

Tile roof mounting components | OEM production

TILE ROOF HOOKS & CUSTOM METAL PARTS

Roof hook components for photovoltaic mounting systems.

Stainless steel and galvanized steel options, subject to specification.

Stamping, bending and machining according to customer drawings.

OEM supply for recurring production and long-term partnerships.

Product image extracted from the existing MAP catalogue

CUSTOM MANUFACTURING

Dimensions, grade, finish and quantities are confirmed by technical drawing.

Please contact MAP Aluminium for OEM enquiries and quotations.

SOLAR PANEL FRAME PROFILES

MAP ALUMINIUM | OEM & CONTRACT MANUFACTURING

PRODUCT OVERVIEW

OEM aluminium frame components for photovoltaic modules.

Profile cutting and machining based on customer specifications.

MANUFACTURING CAPABILITIES

Aluminium profile cutting and CNC machining

Custom frame component preparation

Repeat production for planned monthly supply programs

APPLICATIONS

Solar module manufacturers and OEM assembly partners

Customer-specific frame dimensions and profiles

TECHNICAL SPECIFICATIONS

Alloy, temper, surface finish and section: per approved drawing

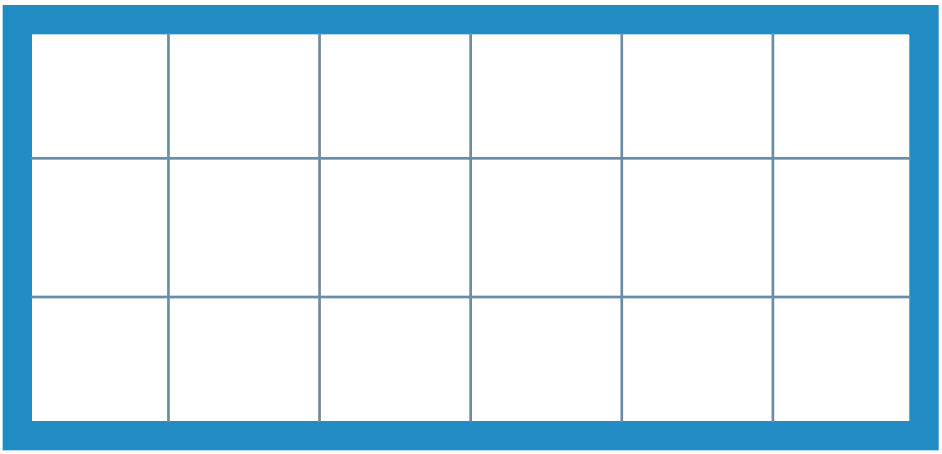
Extruded profiles sourced externally; no in-house extrusion claimed

SOLAR PANEL FRAMES

COMPLETE FRAME SETS | OEM MANUFACTURING

PRODUCT OVERVIEW

Aluminium frame components and four-sided frame sets for PV modules.
Manufactured to customer-approved drawings and assembly requirements.



Schematic illustration - dimensions and geometry depend on customer drawings

MANUFACTURING SCOPE

- Externally sourced aluminium extrusions; profile cutting and CNC machining
- Frame component preparation and customer-specific hole / slot machining
- Repeat production for scheduled OEM supply programs

SUPPLY OPTIONS

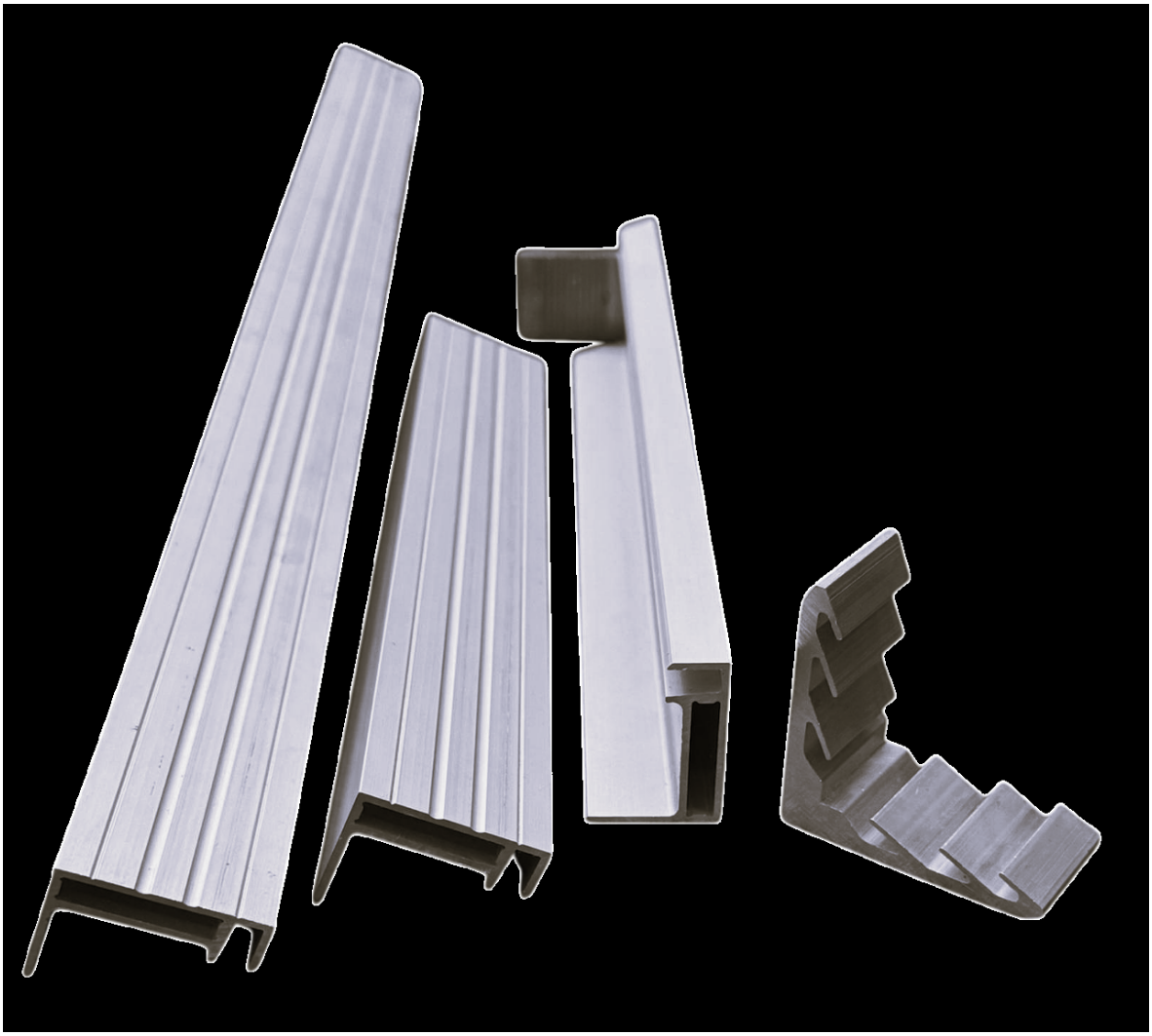
- Long-side and short-side frame components
- Four-sided frame component sets for customer assembly
- Custom packaging and supply configurations subject to agreement

TECHNICAL INFORMATION

- Alloy, temper, anodizing and cross-section: per approved drawing
- Length, tolerances, corner details and interface: to be confirmed
- No module certification or load rating is claimed without validation

SOLAR PANEL FRAME PROFILES

Aluminium frame profiles and corner connection components



MAP ALUMINYUM | CONTRACT MANUFACTURING

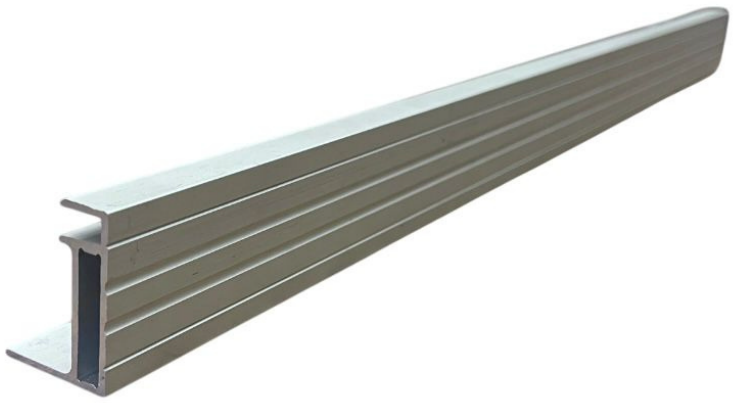
Cutting / CNC machining / Custom OEM dimensions

Final dimensions, material grades and tolerances subject to approved drawings.

www.mapaluminyum.com.tr

OEM FRAME PROFILE PROCESSING

Profile cutting and machining to customer specifications



MAP ALUMINYUM | CONTRACT MANUFACTURING

Cutting / CNC machining / Custom OEM dimensions

Final dimensions, material grades and tolerances subject to approved drawings.

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