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SOLAR
PRODUCT CATALOGUE

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HISTORY

1970: Arslan Alüminyum was established by Mehmet Arslan as an average enterprise in 250 m² covered area under the name of "Arslan Eloksal".

1973: Arslan Eloksal, which serves in the field of polishing and anodic oxidation, moved to new Alibeyköy plant which has 3500 m² covered area in total 5250 m² area in 1973.

1974: It started to use its 400 ton process controlled extrusion press and produced joinery auxiliary profiles.

1975: By beginning to use the second 1200 ton process controlled extrusion press, the capacity and production increased and production of all aluminium profiles, both molding and anodic oxidation, were achieved as integrated.

1980: Arslan Eloksal changed its legal status to Limited Liability Company and its name to "Arslan Alüminyum. Sanayi ve Ticaret Limited Şirketi".

1986: Based on the decisions of local authorities, it decided to move to Industrial Area of Bilecik because there was not enough place for growth and started the construction of the new plant there.

1988: 29.000 m² area of factory estate which is total 40.000 m² was covered and die production, press assembly, static powder coating and anodic oxidation assemblies were completed and started production.

1992: 5.300 m² area was covered and new anodic oxidation assembly with 48.000 amp/h capacity was established and the construction of the 1.600 ton process controlled extrusion press began.

1999: 1.600 ton process controlled extrusion press started the production.

2000: 6.000 m² area was covered and the static powder coating plant which has 275.000 m²/month capacity started the production.

2004: A new land of 85.000 m² was purchased in Industrial Area of Bilecik. 26.000 m² of this area was closed and;
- 5 press assemblies with press having capacity of 1.100:4.000 tons,
- High-capacity die production assembly,
- One wooden pattern film coating unit,
- One profile mechanical treatment plant and aluminium profile shipment storage started to operate.

June 2004 : In the 1st factory, the third 1.100 ton process controlled extrusion press started to run. There are currently 3 extrusions presses with capacities 1.100, 1.200 and 1.600 tons respectively.

2005: Film coating assembly started the production for applications of wood, granite and marble effect on profiles and plates.

2006: The construction of 10.000m² area that is in the Second Industrial Area was completed and the fourth and fifth process controlled extrusion press with capacities of 1.600 and 2.750 tons respectively started the production.

2007: The construction of foundry assembly with capacity of 48.000 ton/year started.

2008: The sixth 4.000 ton process controlled extrusion press and the seventh and eighth 1.100 ton press started to run. Our Aluminium profile production capacity reached to 5200 Ton/month.

Because of the increase in production, company started to expand packaging and wrapping department and the construction of storage area which is 10.560 m² was completed.

The foundry project started in 2007 was finished and its part of 24.000 ton/year started the production.

2009: Foundry capacity was increased from 24.000 ton/year to 48.000 ton / year.

On the area of 90.000 m² as newly purchased in Second Industrial Area of Bilecik, the construction of aluminium remelter was started. In this facility the target is to increase our aluminium melting capacity to 240.000 ton/year in the following year.

2010: Construction of 11.500 square meter of recycling plant in Second Industrial Area was completed, machine assembly of the plant started.

2011: Machine assembly of recycling plant at third plant in Second Industrial Area was completed and 24.000 ton /year aluminium ingot production has started at the end of October.

2012 : Our recycling plant to reach 240.000 ton/year capacity when completed ,started ingot production with the capacity of 24.000 ton/year , capacity has reached to 120.000 ton/year for aluminium billet and ingot with additional furnaces to recycling plant in the last quarter of 2012.

2013: Our new Anodic Oxidation plant will be starting production in 2016. Recycling plant capacity has reached 10.000 ton/month.

2015: Our company realized a form change. Arslan Aluminyum San. ve Tic. Ltd. Sti. was changed to Arslan Aluminyum A.S. on November 23, 2015. A homogenization, billet storage and shipment area, with a closed area of 11.350 m², was put into operation within the organization of Arslan Aluminyum A.S. Foundry in 2015. Our homogenization capacity has increased to 60.000 tons per year.

2016: New vertical powder coating line agreements were made for 7.400 square meter indoor area. The capacity of the investment is 1.250 tons/ month and will be commissioned in the last quarter of 2017.

2017: New vertical powder coating line put into operation December 2017.

2018: We completed and commissioned the treatment buildings of our production lines, which are new investment, in our second factory within the 2nd Organized Industrial Zone.

2019: The first phase of the facilities planned to reach 240.000 tons/year capacity in the Foundry will be completed in the second half of 2021 as 180.000 tons/year.

2021: As of 1 April 2021, our foundry has reached 180.000 tons /year aluminum billet capacity. Our 2nd vertical powder coating plant was commissioned in November.

2022: An agreement was signed for our 45 MN capacity 9th extrusion press. Our Italian press will be commissioned at the end of the year. The capacity of our powdercoating line has reached 2.500 tons/month. As of April 1 our casthouse capacity reached to 240000ton/year .As of June 1, we commissioned our 12.5 megawatt solar power plant. Thanks to our solar power plant project, we have prevented the release of 6.719 tons of carbon dioxide into the atmosphere. In 2022, Arslan Alüminyum A.Ş. has become a subsidiary of Arslan Alüminyum Holding A.Ş.

2023: Our 45 MN capacity 9th press will be commissioned on June 1.The capacity of our 9th press is 2.000ton/month. At the end of 2022 Arslan Aluminyum' s theoretical capacity has reached 7200 ton/month in aluminum profile, 1.450 ton/month for anodic oxidation, 2.500 ton/month for powder coating, 375 ton/month for decorative film coating unit , 20.000 ton/month for aluminum billet production.

In 2023 company's sales and marketing departments will continue to work on turning theoretical capacities into actualized capacities.



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ARSLAN ALUMİNYUM ENVIRONMENTAL POLICY

In all activities carried out under the roof of Arslan Aluminyum, it is aimed to protect the environment, to consume natural resources carefully and to achieve sustainable development.

It has adopted a policy of continuous improvement and renewal in order to meet the environmental expectations of our country and the world.

A process-oriented focus has been provided for the implementation and control of the works throughout the company.

QUALITY POLICY

Under Arslan Aluminyum every single department is treated as a separate entity, **Customer and employee satisfaction is set as the most important point.**

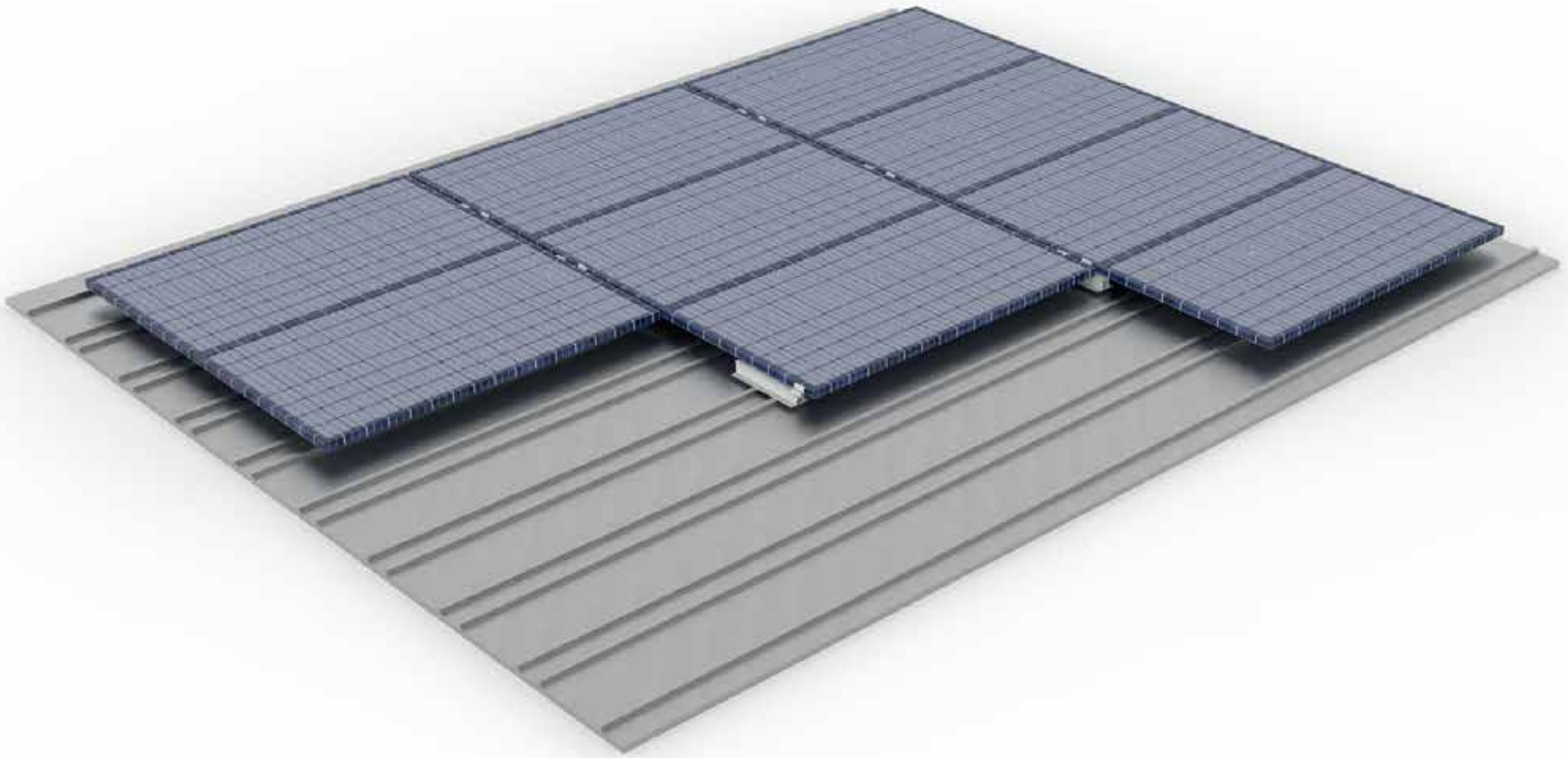
As a priority, the company follows a **constant improvement and renewal** policy, in order to better meet customer expectations.

Process orientation is provided in Arslan ALUMİNYUM.

Therefore, **Arslan Aluminyum A.Ş.** has adopted **ISO 9001:2015** as its main quality control system in order to ensure a world class quality level.

K. Cenk Arslan
General Manager

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Standart System

SOLAR 1



0,70 kg/m

H: 28 mm

SOLAR 2



1,13 kg/m

H: 37,8 mm

SOLAR 3



0,65 kg/m

H:13,5 mm

SOLAR 4



1,13 kg/m

H: 30,1 mm

SOLAR 5



0,99 kg/m

H: 34,8 mm

SOLAR 6



0,75 kg/m

H: 55 mm

SOLAR 7



1,00 kg/m

H: 60 mm

SOLAR 8



0,97 kg/m

H: 59,2 mm

SOLAR 9



2,55 kg/m

H: 100 mm

SOLAR 10



1,46 kg/m

H: 100 mm

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Beam System

SOLAR 11



0,76 kg/m

H: 50 mm

SOLAR 12



0,90 kg/m

H: 54,9 mm

SOLAR 13



0,67 kg/m

H: 60 mm

SOLAR 14



1,44 kg/m

H: 80 mm

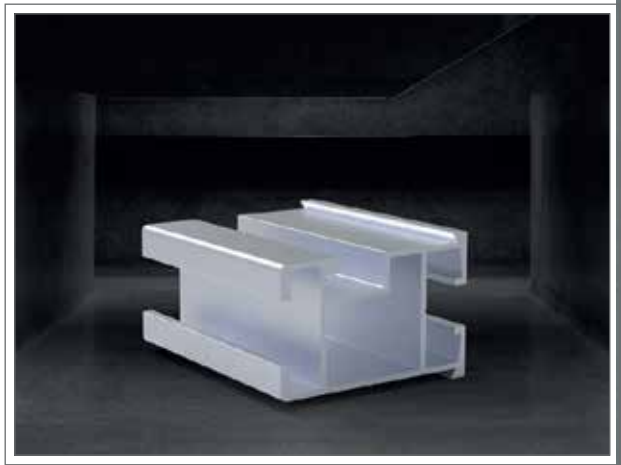
SOLAR 15



0,74 kg/m

H: 50 mm

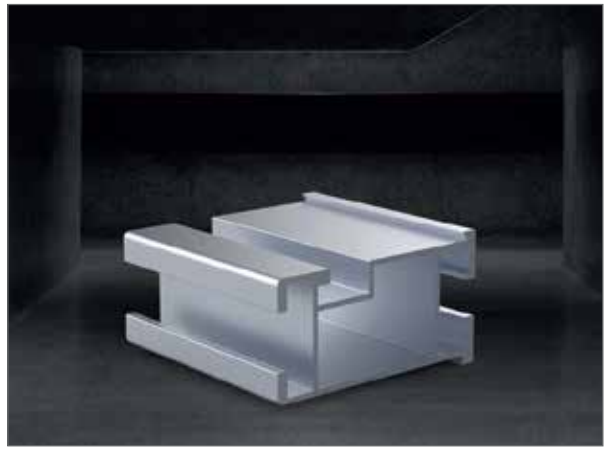
SOLAR 16



0,67 kg/m

H: 30 mm

SOLAR 17



0,74 kg/m

H: 30 mm

SOLAR 18



1,03 kg/m

H: 40 mm

SOLAR 19



1,09 kg/m

H:40 mm

SOLAR 20



0,76 kg/m

H: 50 mm

SOLAR 21



0,74 kg/m

H: 51 mm

SOLAR 22



1,51 kg/m

H: 80 mm

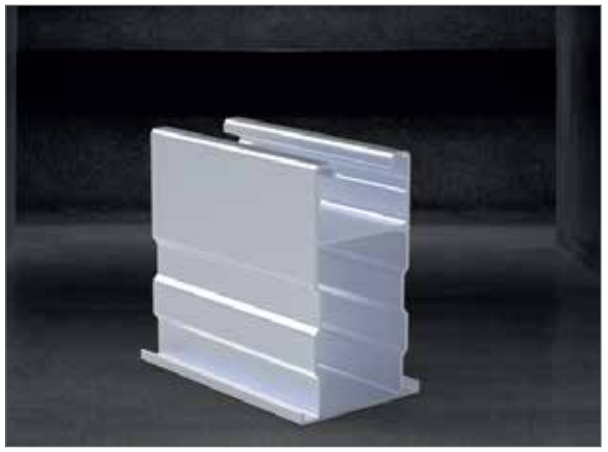
SOLAR 23



1,08 kg/m

H: 80 mm

SOLAR 24



0,98 kg/m

H: 80 mm

SOLAR 25



0,78 kg/m

H: 49,9 mm



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Double Bracket System

SOLAR 26



1,02 kg/m

H: 80 mm

SOLAR 27



0,76 kg/m

H: 40 mm

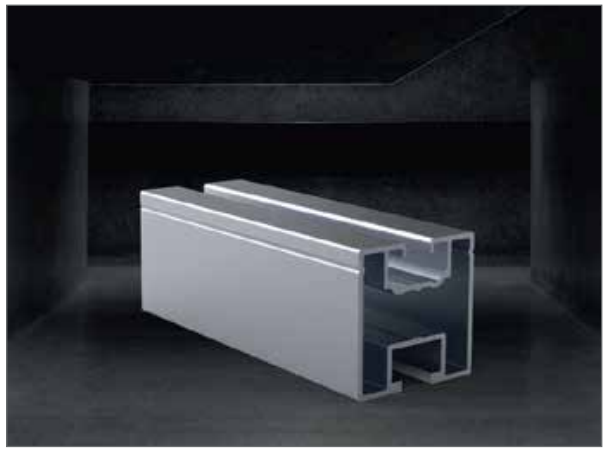
SOLAR 28



0,89 kg/m

H: 40 mm

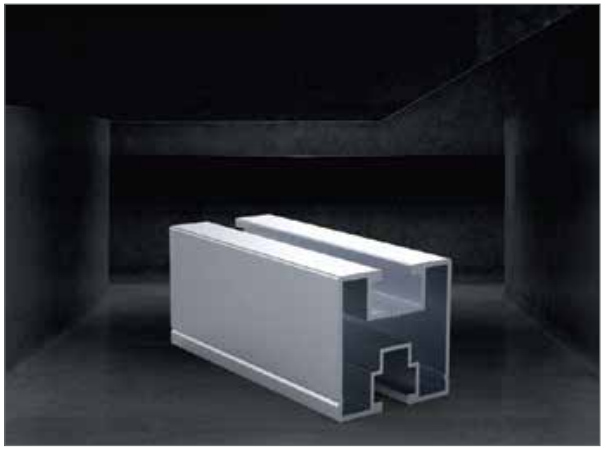
SOLAR 29



0,94 kg/m

H: 40 mm

SOLAR 30



0,92 kg/m

H: 40 mm

SOLAR 31



1,26 kg/m

H: 80 mm

SOLAR 32



1,00 kg/m

H: 50 mm

SOLAR 33



0,95 kg/m

H: 40 mm

SOLAR 34



1,19 kg/m

H: 80 mm

SOLAR 35



1,16 kg/m

H: 80 mm

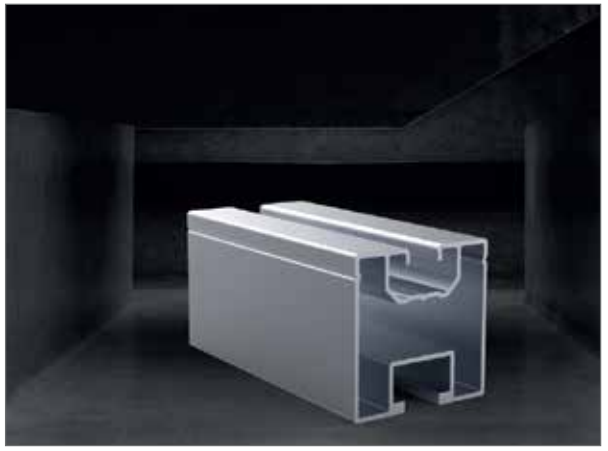
SOLAR 36



0,81 gr/m

H: 40 mm

SOLAR 37



0,76 kg/m

H:40 mm

SOLAR 38



1,47 kg/m

H: 83 mm

SOLAR 39



0,98 kg/m

H:30 mm

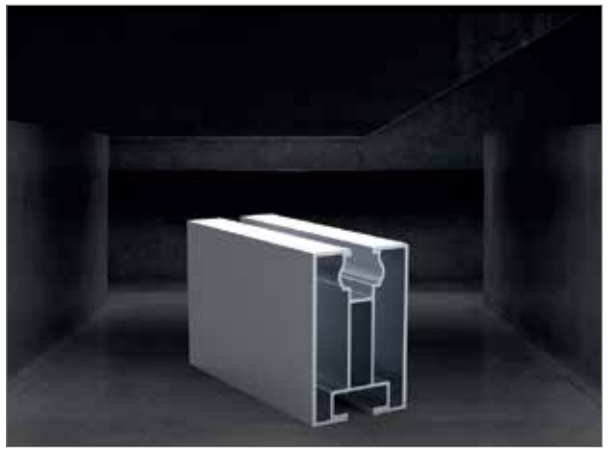
SOLAR 40



0,98 kg/m

H:40 mm

SOLAR 41



1,27 kg/m

H: 60 mm

SOLAR 42



1,60 kg/m

H: 70 mm

SOLAR 43



0,92 kg/m

H: 40 mm

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TILE ROOF System

SOLAR 44



10,55 kg/m

H: 190,87 mm

SOLAR 45



8,02 kg/m

H:170 mm

SOLAR 46



8,16 kg/m

H: 170,35 mm



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Blast System

SOLAR 47



2,08 kg/m

H: 37,41 mm

SOLAR 48



1,87 kg/m

H: 18,14 mm

SOLAR 49



0,89 kg/m

H: 50 mm

SOLAR 50



2,65 kg/m

H: 48 mm

SOLAR 51



8,04 kg/m

H: 207,76 mm

SOLAR 52



198,76 kg/m

H: 198,76 mm

SOLAR 53



0,69 kg/m

H: 35 mm

SOLAR 54



1,50 kg/m

H: 40 mm



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Land Assembly System

SOLAR 55



2,62 kg/m

H: 115 mm

SOLAR 56



1,86 kg/m

H: 115 mm

SOLAR 57



5,56 kg/m

H:31,3 mm

SOLAR 58



0,56 kg/m

H: 28 mm

SOLAR 59



0,54 kg/m

H: 33 mm



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End and Middle Clamp

SOLAR 60



0,47 kg/m

H: 40 mm

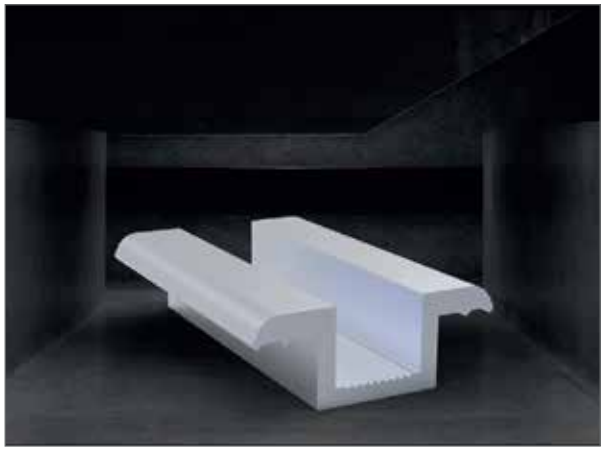
SOLAR 61



0,71 kg/m

H: 30 mm

SOLAR 62



0,61 kg/m

H:15,5 mm

SOLAR 63



0,58 kg/m

H: 25 mm

SOLAR 64



0,68 kg/m

H: 31,5 mm

SOLAR 65



0,68 kg/m

H: 34 mm

SOLAR 66



0,62 kg/m

H: 50 mm

SOLAR 67



0,46 kg/m

H: 14,8 mm

SOLAR 68



0,48 kg/m

H: 31 mm

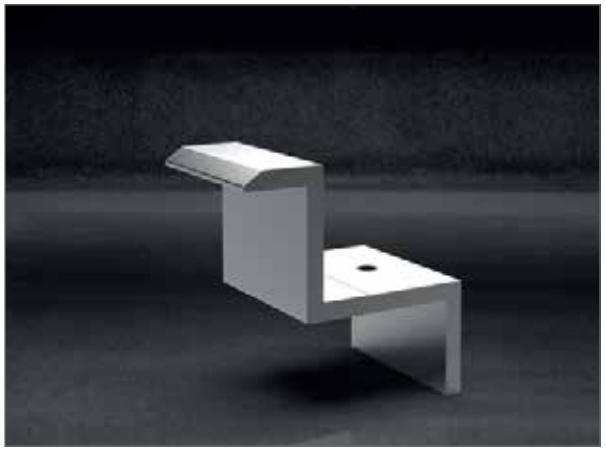
SOLAR 69



0,59 kg/m

H: 45 mm

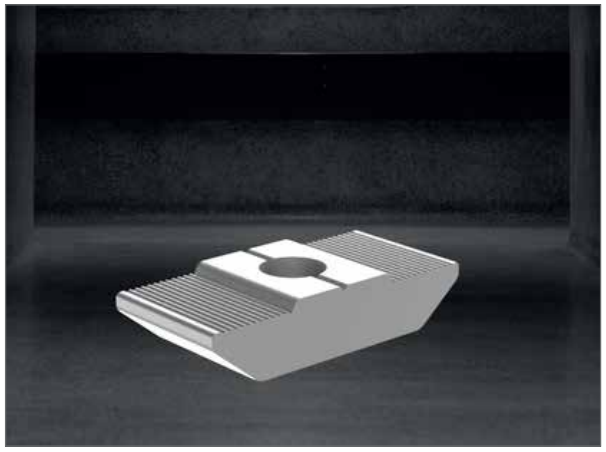
SOLAR 70



0,54 kg/m

H:35 mm

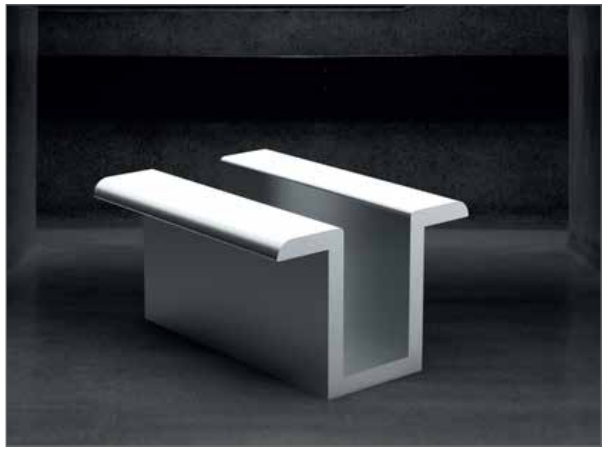
SOLAR 71



0,48 kg/m

H: 7 mm

SOLAR 72



0,70 kg/m

H: 27 mm

SOLAR 73



0,60 kg/m

H: 50 mm

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SUSTAINABILITY

As Arslan Aluminyum, we have invested in more than 25.000 solar panels covering an area of more than 110.000 m^2 to continue our production process with renewable energy. Our solar panels, which we started production with the energy they provide, generate 15.269.299 kWh of energy per year, which corresponds to the energy production of 4.100 houses. Our solar panels also contribute to the protection of more than 16.350 trees by blocking 6.720 tonnes of CO_2 emissions, enabling us to produce 12.246 kWp.

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Gazi Blv. No:5, 11000 Hürriyet 1. Osb/Bilecik
Merkez/Bilecik/TÜRKİYE

T: (0228) 216 02 21
(212) 224 21 06

E: arslan@arslanaluminyum.com

www.arslanaluminyum.com/