



#### TEHNOMARKET d.o.o.

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#### PROFILE SYSTEMS SALES

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Fax: +381 13 307 799  
E-mail: [profil@tehnomarket.com](mailto:profil@tehnomarket.com)

#### COMPOSITE PANEL SALES

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## Company Portfolio



## Company

1990 - Tehnomarket d.o.o. was founded in Pančevo

The company specialized in aluminium constructions: windows, doors, ventilated facades and curtain walls

2002 - Start of aluminium extrusion factory

2003 - Setup of regional distribution center for aluminium composite panels

Intensive design and development of various new aluminium profile systems

2010 - New company headquarters

2014 - Start of a new powder coating facility

2020 - Operational start of a new, 6500m<sup>2</sup> logistics and distribution center in Pančevo



## Location



- Located in Pančevo, Serbia
- 17 km from capital city Belgrade
- 35 km to international airport "Nikola Tesla"

- 500 m to international road
- 4 km to Danube river port and railway cargo terminal



## Markets

*33 years of experience*

Tehnomarket d.o.o. from Pančevo, Serbia is one of the leading companies in the aluminum industry in the region. Tehnomarket offers a complete manufacturing process from design and engineering of aluminum profile systems to extrusion of profiles, powdercoating, CNC machining and production of complete windows and doors.

Our product lines, like LINEAL energy efficient windows and doors, VENT substructure systems for ventilated facades and Aluminik CS55 glass curtain walls are high quality products, with certified performance that is further confirmed with export to 6 continents, almost 40 markets and landmark reference projects.

Beside aluminum profile systems, Tehnomarket offers Larson FR and Larson A2 aluminum composite panels, as well as Larcore A2 aluminum honeycomb panels by world's leading manufacturer, spanish company Alucoil.



## Company

## Production



Tehnomarket has modern production facilities equipped with state of the art machines and skilled craftsmen that meticulously produce high quality architectural elements like windows and doors.

## Logistics



In order to further improve quality, service and shorten the load and delivery times, Tehnomarket has formed a completely new logistics center next to the headquarters in Pančevo.

It covers the area of 6500m2 and serves as a central freight hub for the company. Parallel with the construction, the custom made WMS system solution was integrated in company's existing software systems, adding to the efficiency of the service.



# Services

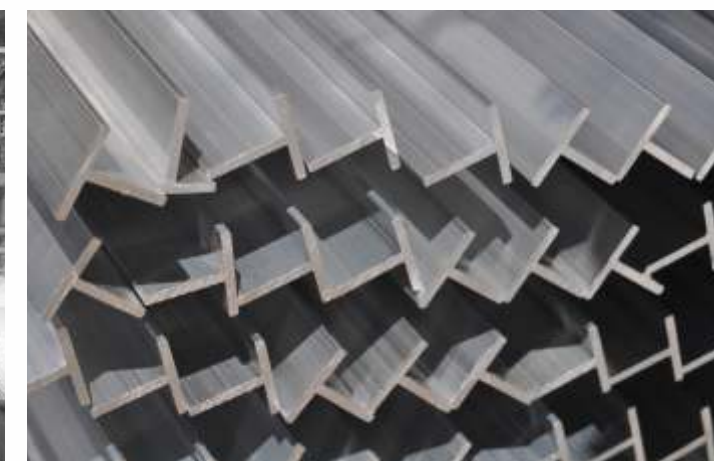
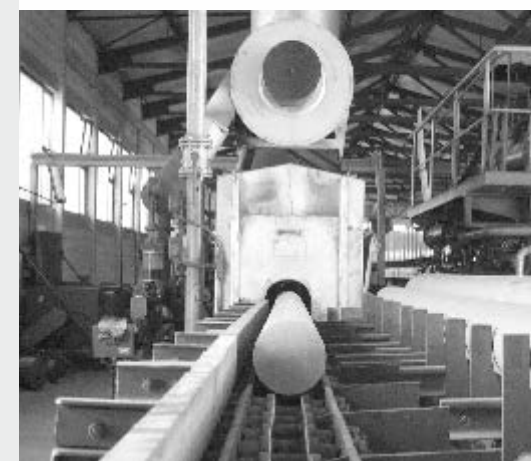
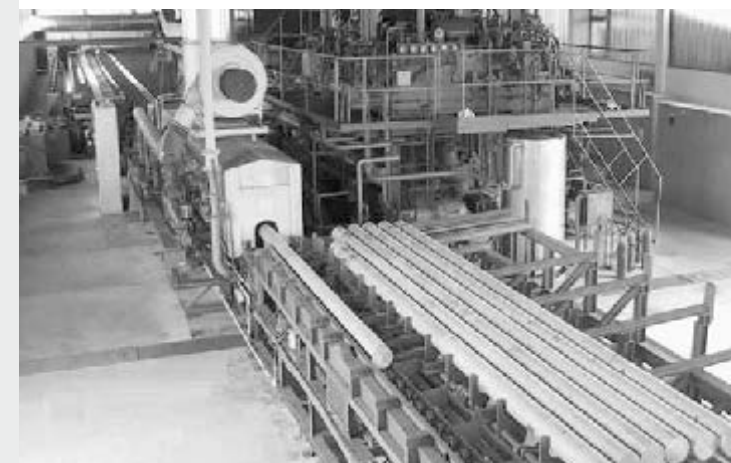
## Aluminium extrusion

Aluminum profiles that are produced in Tehnomarket's factory are obtained by extrusion process. Extrusion is a form of metal processing by deformation and involves the continuous extrusion of thermally prepared alloys with a mechanical press, through specially prepared dies that define profile's cross section geometry. Only the primary aluminum alloy  $AlMgSi0.5$  is used as a raw material for the production of aluminum profiles. The extrusion process is carried out on US made BLH extrusion press with 2000 ton capacity and a controlled process of operation.

Beside extrusion of architectural profile systems, Tehnomarket offers custom extrusion according to client's drawings as an additional service.

Special purpose profiles are used in a wide variety of production areas and are designed specifically by end-users in accordance with their own needs. Ordering of this type of profiles requires harmonization of technical documentation and drawings, followed by ordering of extrusion die. In this arrangement, the client is the owner of the dies, as well as of intellectual property and profile design.

The extruded profiles are produced according to SRPS EN 755-1 i EN 12020 2 standards (identical with european standards EN 755-1:2008 i EN 12020 2:2008), from primary aluminium alloy  $AlMgSi0.5 F22$  (AA6063 T5 i AA6060 T5).



## Services



### CNC machining

CNC processing of various plate materials with maximal panel dimensions of 2000x6000mm. Composite and metal panel rolling and bending services are also available. Alu Bender milling - bending machine is used for machining of panel edges when required.

The service of cutting and machining on automatic processing center and double headed saw is provided for all aluminium profiles.



### Powder coating

New, fully automated powder coating line uses ecological "chrome free" technology. Aluminium profiles and sheets can be painted in any of RAL colors or several wood design effects in a special coating proces.

Consistent quality is maintained trough use of the certified Henkel chemical compounds and Tiger and Akzo Nobel color powders.



# Products

ST 54



PLUS 62



THERM 62



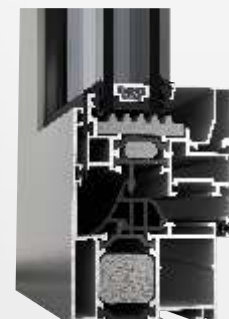
THERM 77



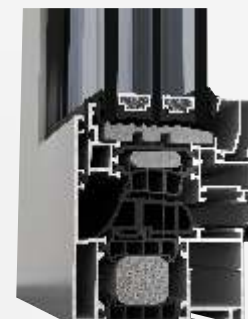
BLOCK PLUS 62



BLOCK THERM 62



BLOCK THERM 77



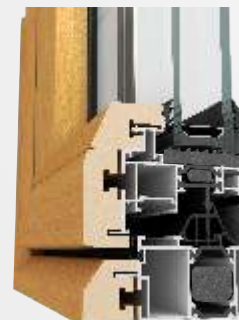
W-ST 81



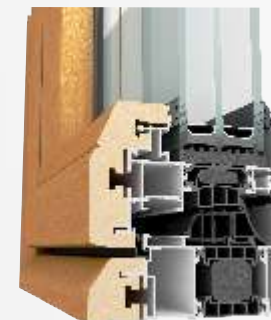
W-PLUS 89



W-THERM 89



W-THERM 104



**LINEAL**

Lineal group of systems with thermal break is designed in Tehnomarket with main goal to use the advantages of aluminium for production of new generation doors and windows.

LINEAL consists of eleven systems: seven in aluminium and four in aluminium-wood combination with different features suitable for various requirements and applications.

Advanced technical solutions and materials result in high quality products that offer great performance, like the Lineal W-Therm 104 with the exceptional insulation performance of  $U_w=0,79 \text{ W/m}^2\text{K}$ .

## cold series

TMH 45



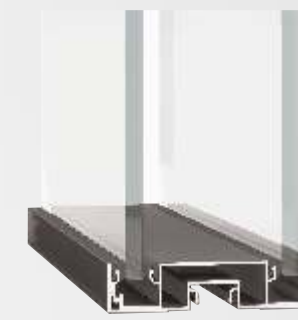
TMHL 30



INTERIO P29



INTERIO P113



SUNPRO G45



Tehnomarket line of systems without the thermal break consists of three different lines: TMH series of windows and doors consisting of TMH 45 and TMHL 30, INTERIO P29 system of light interior partitions and doors and SunPro G45 aluminum shutters. These products are used primarily in interiors, auxiliary facilities and in warmer climates where no thermal insulation is needed, or as specialty products that complete other product lines like the aluminum shutters that can be universally applied.

## SLIDE series

SLIDE T67



SLIDE T45



SLIDE H28



Tehnomarket SLIDE series is suitable option for residential and commercial projects where it excels with large glass surfaces and numerous configuration options. It consist of three distinct systems: SLIDE T67 with exceptional insulation, SLIDE T45 and SLIDE H28 without thermal break. All three systems support two and three sliding rails and up to six sliding panels.

Glass curtain wall systems

CONTINUAL



COMBINED



STRUCTURAL



CONTINUAL-WOOD



Tehnomarket Aluminik CS55 glass facade system consists of main three variations: CONTINUAL, STRUCTURAL and COMBINED.

All options feature integrated ventilation and drainage systems that completely neutralize overheating and water penetration. Options of double and triple glass packages with maximum thickness of 60mm provide exceptional thermal performance and insulation up to 0,6 4W/m²K.

Substructure systems for ventilated facades

CASSETTE SYSTEMS



PANEL SYSTEMS



VENT aluminium substructure systems designed by Tehnomarket may be considered the next generation of ventilated facades. VENT substructure system consists of 11 different basic systems with options to integrate different facade cladding materials and wide range of designer solutions, fixing systems and facade rasters.

All current cladding materials are supported - aluminium composite panels, flat and corrugated aluminium and steel sheets, HPL panels, ceramic tiles, glass, plexiglass, fibercement panels, wooden panels, stone and many other materials.

UNIT 65 CONTINUAL



UNIT 65 STRUCTURAL



Unitized facades follow modern architectural trends that require high energy efficiency, high prefabrication level and quick, efficient installation without scaffolding. UNIT 65 represents the pinnacle of glass curtain walls design with its technical and visual qualities.

The unitized facade is self-supporting, thermally insulated, multilayered construction that consists of prefabricated individual modules. The complete workshop fabrication guarantees high, consistent quality of all elements and connections, as well as quick installation on construction site.

There are two visually distinctive options available: CONTINUAL and STRUCTURAL.



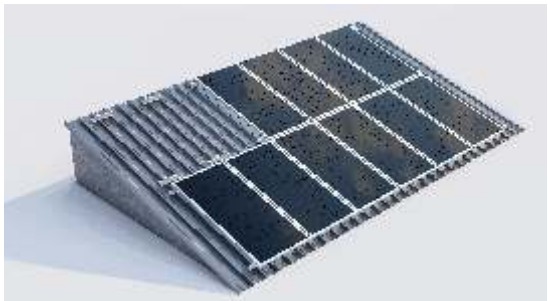
# Products

## SOLAR

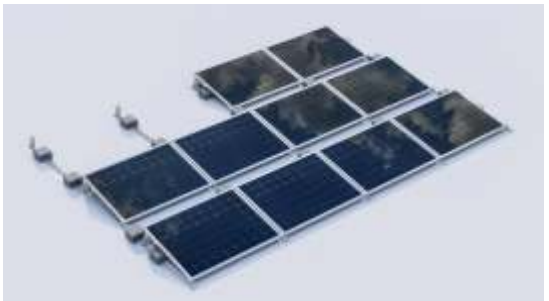
Tehnomarket SOLAR substructure system for solar panels offers a complete, systemic solution for the installation of solar panels that is completely modular and suitable for all capacities from home installations to high powered solar power plants.



# Substructure system for solar panels



SLOPED ROOF INSTALLATION



FLAT ROOF INSTALLATION



FACADE INSTALLATION



GROUND INSTALLATION



CANOPY INSTALLATION

The SOLAR system is intended for installation on all types of substrates - flat and sloping roofs, vertical walls and facades, as well as on the ground. Optimal profile dimensions allow the installation of individual panels of large dimensions, with a maximum load of 150kg/ m2. The construction profiles are raw, while the surface treatment of the visible surfaces of the profiles can be RAL powder coated or anodized.

# Aluminum composite panels

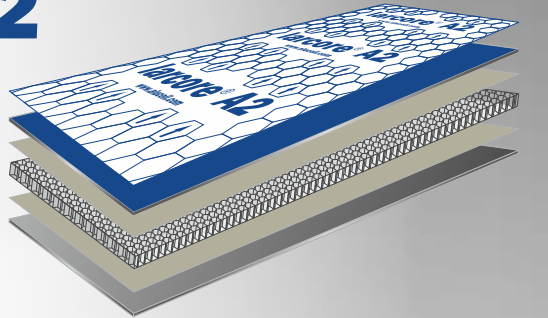
## larson® FR & A2 by Alucoil

PROTECTIVE FILM  
ALUMINIUM  
BONDING LAYER  
B OR A2 MINERAL CORE  
ACCORDING TO EN 13501-1  
BONDING LAYER  
ALUMINIUM



## larcore® A2 by Alucoil

PROTECTIVE FILM  
ALUMINIUM  
BONDING LAYER  
ALUMINIUM HONEYCOMB  
CORE  
BONDING LAYER  
ALUMINIUM



Spanish company Alucoil, member of Grupo Aliberico, is one of the world's largest manufacturers of aluminium composite panels and other aluminium products for construction industry. As a product of exceptional quality, Larson brand is synonym for premium aluminium composite panels, certified in all european and relevant world markets. Shared vision and business policy of our companies have resulted in new partnership, with Tehnomarket as regional distributor of Alucoil products. Beside standard Larson aluminum composite panels in FR and A2 ratings, there are also Larcore A2 aluminum honeycomb panels that offer numerous advantages, such as reduced weight, vastly increased rigidity and even flatter surface. They are available in standard thickness from 6mm up to 40mm and panel dimensions up to 2000x14000mm. Upon special request, Larcore panels can be ordered with 50 to 100mm thickness and smaller panel sizes.

Complete list of certificates and worldwide reference projects provides long-term reliability and safety, while architectural trends shape the constantly evolving range of colors and patterns with improved quality and performance.



## Solid aluminum panels



Solid aluminum sheets are quickly gaining popularity as a facade cladding material. Current architectural trends often feature "double skin" facades that create amazing, distinct visuals that are perfect application for solid aluminium sheets, because they are ideal for extensively perforated panels. As solid materials they meet the A1&A2 class for fire rating according to european standard EN13501-1.

Solid aluminum sheets are available in the following options:

- RAL powdercoating by Tehnomarket
- liquid paint line by Euramax
- Thermolac line by Alucoil

Maximal available thickness is 4mm, rigid enough for all facade elements, with simple, fast shaping that brings architectural concepts to life.

- custom designed system
- complete line of accessories
- installation on all surfaces
- no capacity limit
- suitable for industrial application

## Products

### Solid aluminium sheets



New partnership with Euramax gives our customers a great opportunity to source solid aluminium cladding sheets for exclusive architectural projects.

They are available in a wide variety of colors and attractive textured surfaces. Current architectural trends often feature "double skin" facades that create amazing, distinct visuals which are perfectly suited for solid aluminium sheets. They are also ideally suited for extensively perforated panels, and as a solid materials they meet A1 class for fire rating according to european standard EN13501.

Maximal available thickness is 2mm, rigid enough for all facade elements, with simple, fast shaping for materialisation of architectural ideas.

## Facade cladding materials

### Fiber cement panels



Equitone represents one of the leading global manufacturers of fiber cement panels designed for ventilated facades. With production facilities located in Germany and Belgium, and strict material quality control, Equitone supplies its panels for projects worldwide. Considering our regulations and requirements regarding the design of residential and public buildings, Equitone often emerges as one of the best choices for facade cladding in terms of durability, quality, and fire safety.

### Ceramic tiles



Entire architectural complexes are clad with innovative ceramic surfaces that seem to defy gravity with their specialised applications. Ragno offers the widest range of slabs and products made of high-performance porcelain stoneware, a tough, durable material ideal for covering any external facade and defining new living spaces thanks to the infinite range of compositional options and surface finishes.





Featured: Tehnomarket LINEAL windows, VENT substructure and Larson composite panels

2022

## POST HOUSE BOERUM HILL

Brooklyn,  
New York



## NOVI DORĆOL

Belgrade, Serbia



Featured: Tehnomarket VENT substructure and Larson A2 composite panels





2017

## ECOBANK HEADQUARTERS

Accra, Ghana

Featured: Aluminik CS55 curtain wall, Larson composite panels on VENT substructure, TMH 45 windows and interior doors, aluminium jalousie and sun shade profiles





**BELVILLE COMPLEX**  
Belgrade, Serbia



**CRNI VRH HOTEL**  
Divčibare, Serbia



**PORTO  
MONTENEGRO**

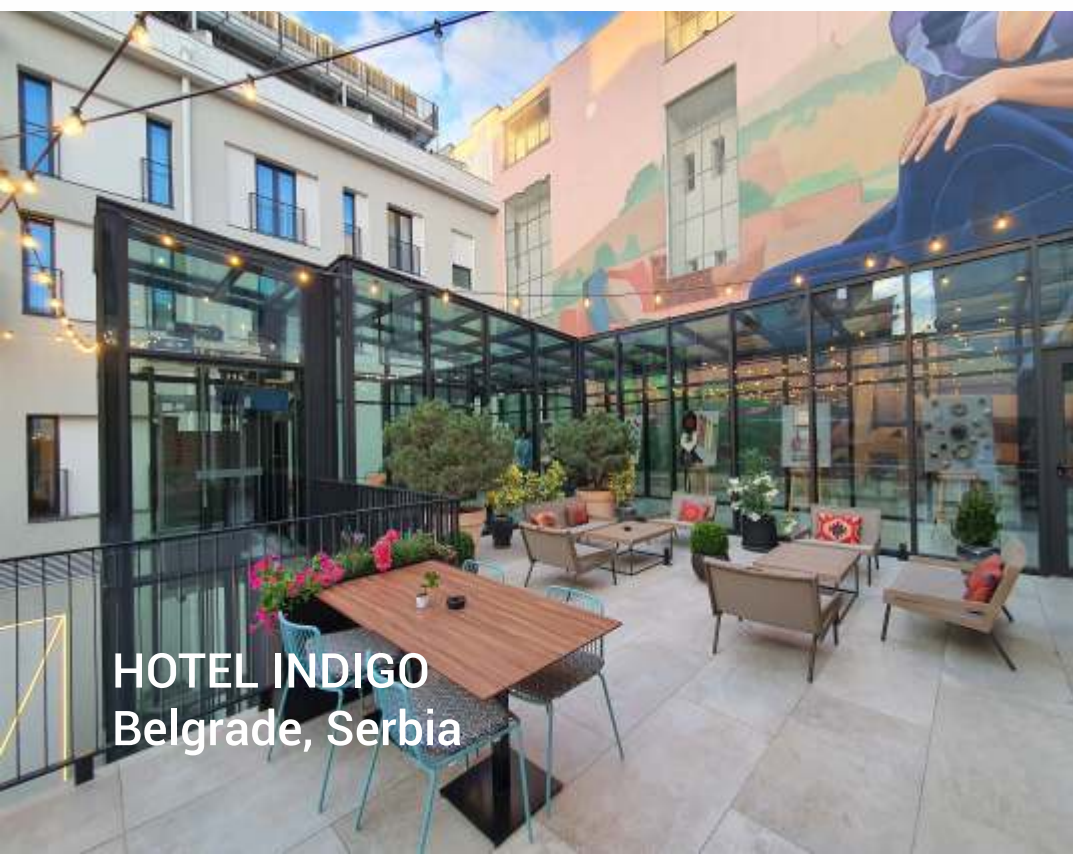
Tivat, Montenegro



Featured: Tehnomarket VENT substructure system and Larson FR aluminium composite panels and aluminum sunshade profiles

2020





**HOTEL INDIGO**  
Belgrade, Serbia



**CENTRAL  
RESIDENTIAL BUILDING**  
Pančevo, Serbia



2021



**VICEROY  
MOUNTAIN RESORT**

**Kopaonik, Serbia**



Featured: Tehnomarket VENT substructure system, aluminum sunshade and decorative facade profiles



DUBROVNIK  
AIRPORT  
VIP TERMINAL

Dubrovnik

Featured: Larson FR panels

2020



2015



GHANA AIRPORT  
CARGO CENTER

Accra, Ghana



Featured: Tehnomarket Aluminik CS55 curtain wall, VENT substructure system, TMH 45 interior partitions and aluminium composite panels





Park Gate  
Tirana, Albania

10 000m2 Larcore A2 aluminum honeycomb panels and Tehnomarket VENT-HIDE substructure system





## HOTEL BELLEVUE

Mali Lošinj

2014



2019



## GRAND PARK HOTEL

Rovinj



Featured: Tehnomarket decorative louvers and aluminum profiles





2012



**A1 TELEKOM  
HEADQUARTERS**

Zagreb, Croatia



Featured: Tehnomarket TMTP substructure and aluminum composite panels



2014

NATIONAL  
COMMUNICATIONS  
AUTHORITY

Accra, Ghana

Featured: VENT substructure and  
aluminum composite panels



SOCIETE  
GENERALE

Belgrade, Serbia



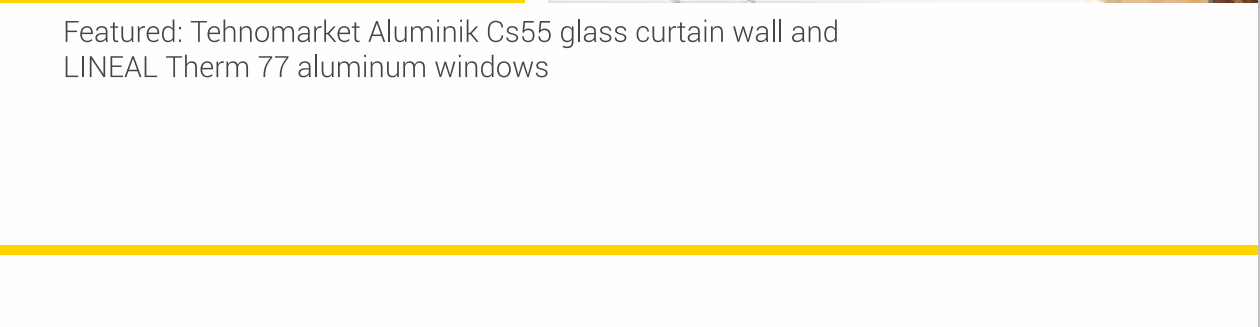
Featured: Tehnomarket Aluminik CS55 glass facade, VENT substructure system, LINEAL windows  
and aluminium composite panels



VILLA  
Bigovo, Montenegro



MAGISTRATES COURT  
Pančevo, Serbia



LA QUINTA HOTEL  
New York, USA

Featured: Tehnomarket Aluminik Cs55 glass curtain wall and  
LINEAL Therm 77 aluminum windows

2020





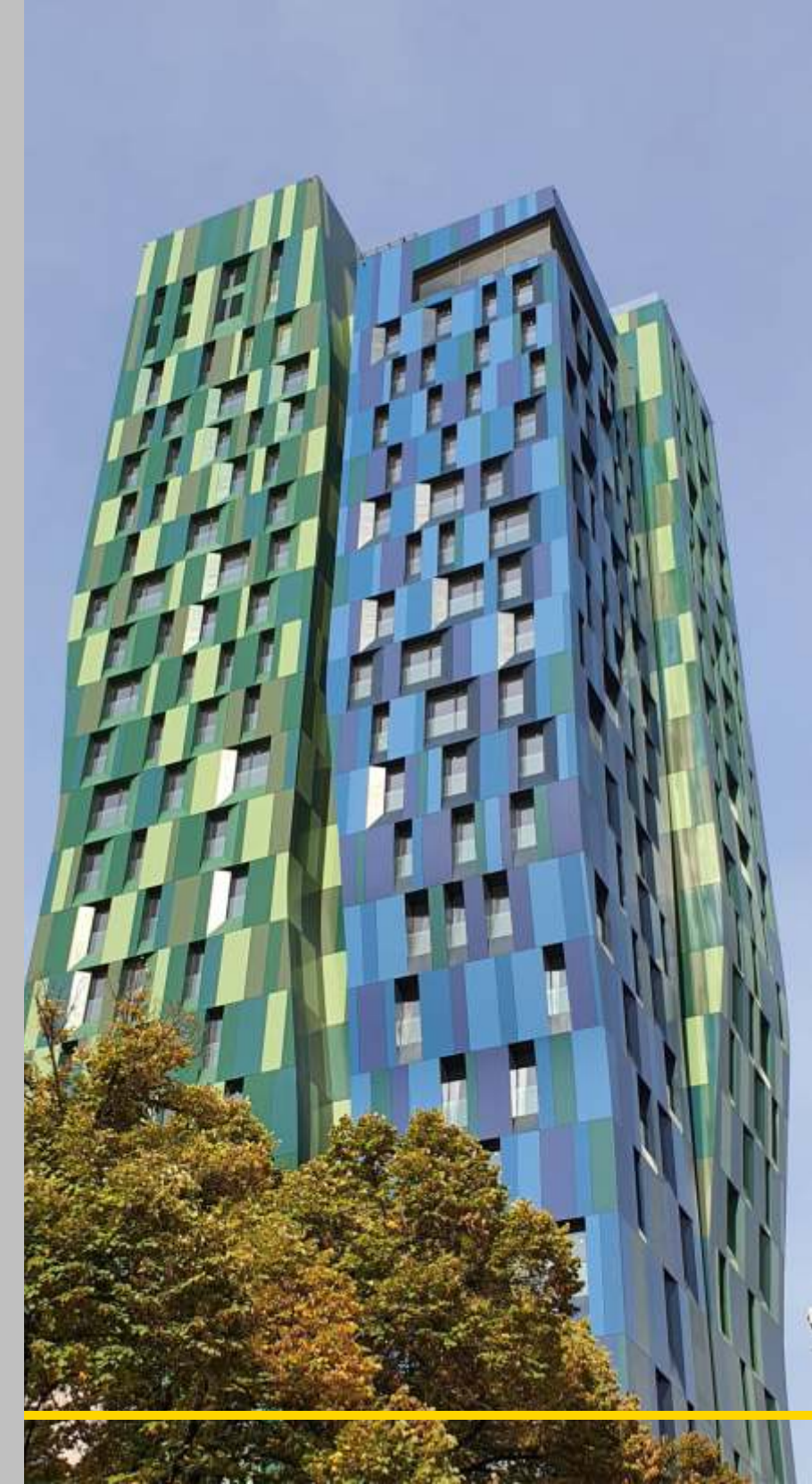
2020



ALBAN TOWER  
Tirana, Albania



Featured: Tehnomarket VENT substructure system and Larcore A2 aluminum honeycomb panels





Tehnomarket TMT 64FR windows

**EDF GROUP,**  
**Clermont Ferrand,**  
**France**



**KRESTOVSKY  
ARENA**  
**St. Petersburg,**  
**Russia**



Tehnomarket VENT substructure system

**STEINS**  
**Paris, France**



Tehnomarket TMT 64FR windows



ERICSSON NIKOLA  
TESLA GROUP

Zagreb, Croatia

Featured: Tehnomarket VENT substructure system,  
Larson A2 aluminium composite panels and  
LINEAL Therm 77 aluminum windows

2020



TRIAS TOWERS

Berlin, Germany

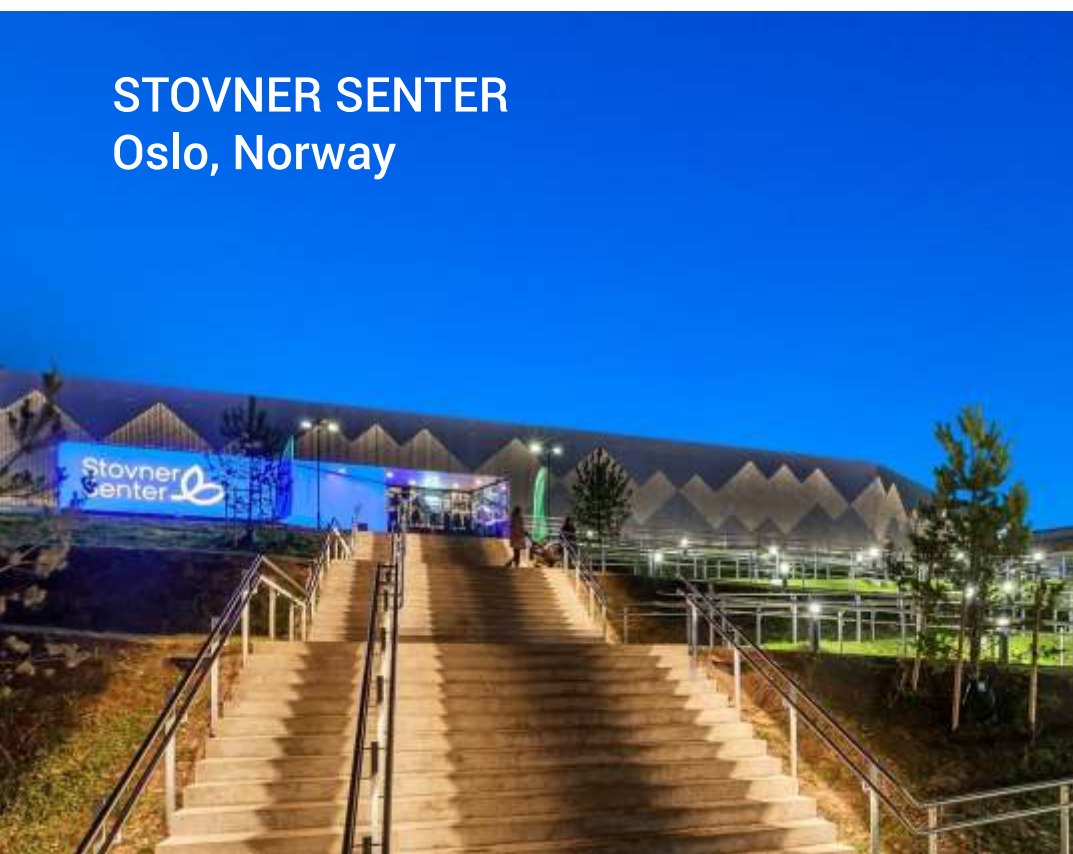


Featured: Tehnomarket powdercoated solid aluminum sheets

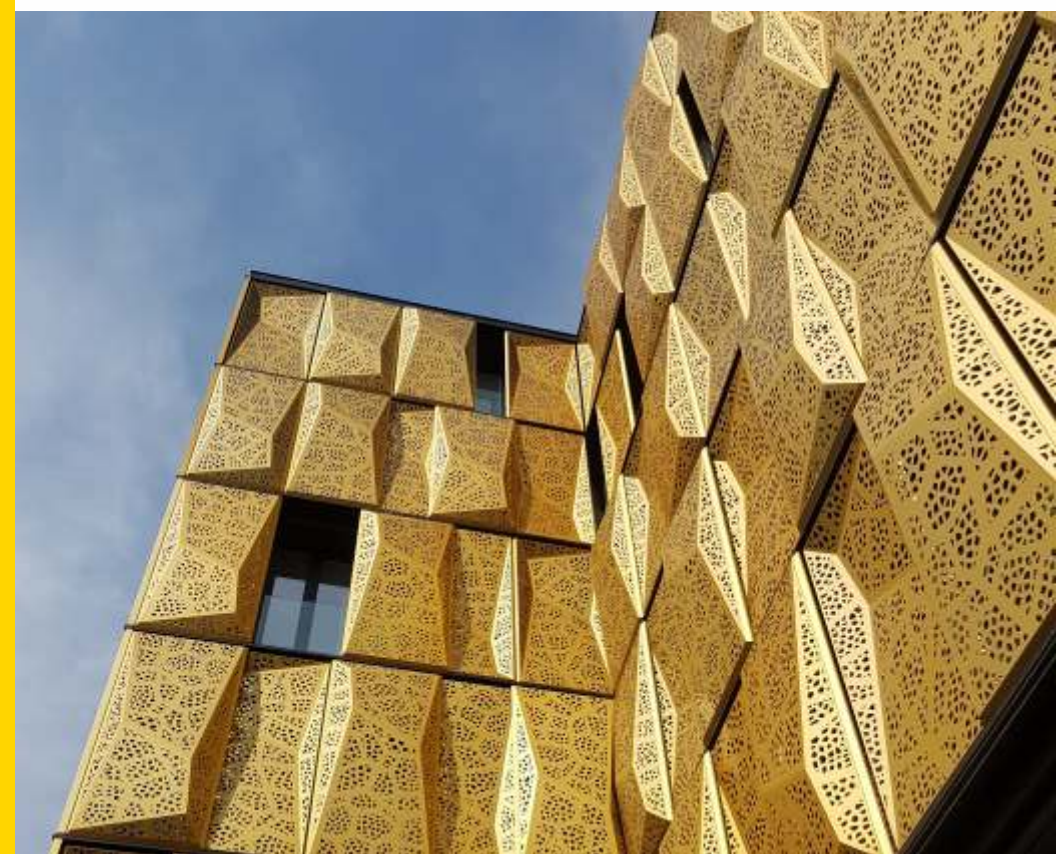




**STOVNER SENTER**  
Oslo, Norway



**SK12**  
Pančevo, Serbia



2021



**VILLA**

**Auckland  
New Zealand**



Featured: Tehnomarket LINEAL Therm 77 aluminum windows



THE HYLAND  
Brooklyn, New York



138 BOWERY  
Hell's Kitchen, New York



2021

STAYBRIDGE  
SUITES  
Brooklyn, New York

Featured: Tehnomarket VENT substructure system, Larson aluminium composite panels, Aluminum CS55 glass curtain wall and LINEAL Therm 77 aluminum windows

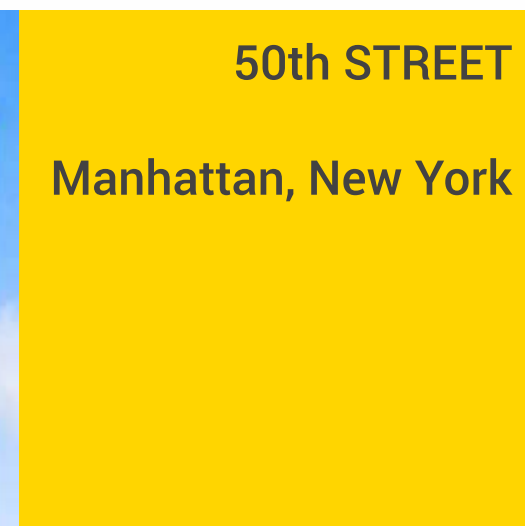




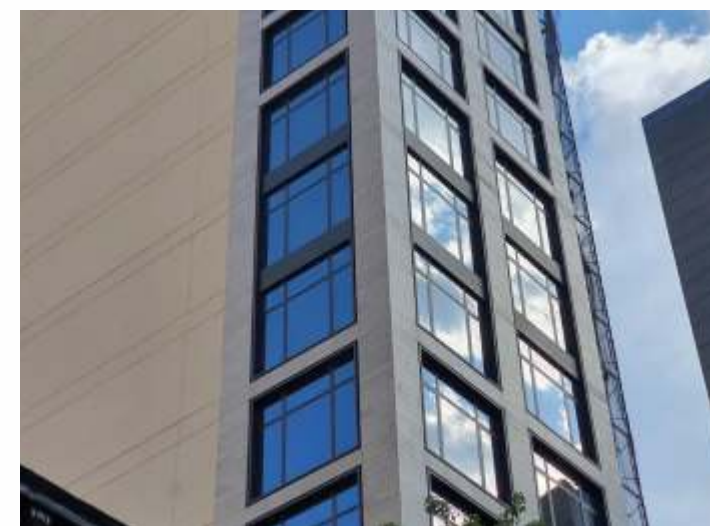
CLOVER HILL  
Brooklyn, New York



THE DEKALB  
Brooklyn, New York



50th STREET  
Manhattan, New York





MONO  
HEADQUARTERS

Osijek,  
Croatia



Tehnomarket VENT substructure system and Larson panels

*33 years of experience*