EDUCA
DESIGN | GROUP
FACADE ENGINEERING

COMPANY PROFILE 2026

EDUCA

DESIGN | GROUP

FACADE ENGINEERING

www.educadesign.com

Contents

Company Overview

Founded in Türkiye in 2004, Educadesign stands at the forefront of facade systems and exterior cladding walls. We specialize in the design, production, and implementation of advanced facade solutions. Our extensive expertise covers both local and international projects, where we consistently deliver outstanding results.

Educadesign is a specialized façade engineering and application company. We act as the critical link between architectural design and physical construction, focusing on the building envelope. Our core expertise lies in engineering, detailing, and applying highperformance façade systems that define the aesthetics, efficiency, and resilience of modern structures.

Since its establishment, Educadesign has achieved significant success in the field of facade work. Our commitment to providing practical, cost-effective, and rapid solutions, supported by both central and local assistance, is the cornerstone of our success.

Our Vision & Mission

Vision

To redefine the standards of façade engineering by turning architectural ambition into precise, high-performance reality. Our vision is to become the region's trusted partner for innovative, durable, and future-ready façade solutions—where technical mastery and design intelligence meet.

Mission

We are committed to delivering complete façade solutions that unite engineering accuracy, material expertise, and on-site craftsmanship. Our mission is to support developers, architects, and contractors with systems that perform reliably under the demanding conditions of large-scale projects. Through integrated digital workflows, rigorous quality control, and a deeply coordinated project approach, we ensure every façade we deliver meets the highest expectations of performance, safety, and long-term value.

Our Core Services

Façade Engineering & Consultancy: Structural, thermal, and performance-based analyses developed in line with international codes, ensuring systems that respond effectively to project-specific environmental and architectural challenges.

Technical Detailing & Shop Drawings: Accurate, production-ready drawings prepared to eliminate fabrication errors, streamline manufacturing, and support smooth installation sequences on site.

Project-Specific System Design: Tailored unitized, semi-unitized, stick, and panel system solutions engineered to align with architectural goals and project constraints.

Material Supply & Manufacturing: Reliable sourcing and fabrication of aluminum, glass, ACP, and natural stone components, supported by controlled processes that maintain consistency across large volumes.

Turn-Key Application & Installation: Execution by specialized site teams applying controlled installation procedures to achieve precision alignment, airtightness, and longterm durability.

Testing & Commissioning: On-site performance evaluations and verification procedures to confirm system integrity and compliance with all design and safety parameters.

Technical Capabilities & Project Experience

Our technical capability is shaped by hands-on project experience across a wide spectrum of building types and scales. Rather than applying generic solutions, we adapt façade systems to the architectural intent, environmental conditions, and construction logic of each project.

Our experience spans:

- High-Rise and Office Developments
- Residential and Mixed-Use Complexes
- Hotels and Healthcare Facilities
- Educational Buildings
- Shopping Malls and Retail Environments

Across these sectors, we have delivered façade systems involving complex geometries, tight tolerances, and demanding performance criteria. Our portfolio reflects proficiency in unitized, semi-unitized, stick, and panel-based cladding systems, executed with a clear focus on buildability, coordination, and long-term performance.

Why Educadesign

What differentiates Educadesign is not a single capability, but the way our processes, people, and tools operate as one coordinated system.

Integrated Project Workflow: From early engineering studies to on-site installation, we manage each phase within a structured and transparent framework that preserves design intent and technical accuracy.

Engineering-Driven Decision Making: Our teams approach challenges analytically, developing practical façade solutions that balance performance, cost efficiency, and construction feasibility.

Consistent Quality Discipline: We apply internationally recognized quality and safety principles, embedding control mechanisms into both design development and site execution stages.

Proven Delivery Record: Our completed projects across multiple regions demonstrate our ability to perform reliably under complex project conditions and demanding timelines.

Scope of Works

Custom Design Facade

Façade concepts developed specifically for the architectural vision of each project. Our team shapes bespoke geometries, custom profiles, and advanced material combinations to deliver distinctive façades that balance aesthetics, performance, and constructability.

Structural Silicone System

Frameless glass assemblies engineered using certified structural silicone bonding. Provides a clean, uninterrupted exterior appearance while maintaining reliable structural performance and high weather resistance under demanding site conditions.

Double Skin Facade

Dual-layer façade systems designed with a ventilated cavity that enhances thermal comfort, acoustic performance, and overall energy efficiency. Optimized for high-rise and mixed-use buildings requiring advanced environmental control.

Spider System

Point-supported glass façades utilizing precision-engineered spider fittings. Delivers maximum transparency and minimal visual obstruction, ideal for atriums, lobbies, and expansive vertical glass surfaces.

Metal Panel System

Architectural metal cladding manufactured from aluminum, steel, or specialty alloys. Engineered for longevity and environmental durability, with flexible options for finishes, textures, and panel geometries.

Unitized Panel System

Factory-assembled façade units that ensure fast installation, repeatable quality, and minimal on-site disruption. Ideal for large-scale projects requiring controlled fabrication and accelerated construction timelines.

Stick System

Site-assembled façade framework offering flexibility for complex geometries and adaptive detailing. A practical solution for projects with variable floor conditions or intricate architectural features.

Ventilated Facade System

Rear-ventilated cladding systems that promote natural airflow behind exterior panels, supporting moisture management, extended façade lifespan, and improved indoor environmental quality.

Aluminum Composite Panel System

Lightweight ACP cladding engineered with durable coatings and stable core materials. Offers design versatility with broad color ranges, precise bending capabilities, and efficient installation.

Classical Cap System

Traditional capped curtain wall designs for projects requiring an elegant, timeless expression. Combines proven detailing principles with modern performance standards.

Curtain Wall System

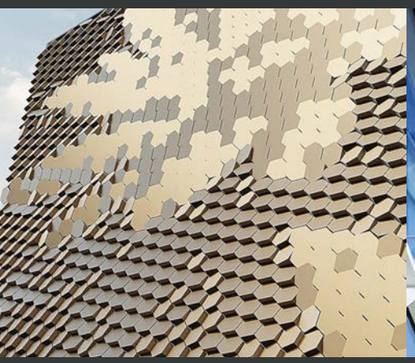
High-performance curtain walls engineered to maximize daylight, thermal insulation, and façade continuity. Configured using aluminum and glass combinations to achieve both aesthetic and energy performance goals.

Point-Fixed Glass Facade

Glass façades using structural point fixings to achieve uninterrupted transparency. Highly suitable for premium entrance zones and signature architectural features demanding a minimalist look.

Stone Cladding System

Natural stone façades designed with engineered support systems to ensure structural stability and longterm durability. Provides prestige, texture richness, and regional character.






Major Clients We Collaborate With

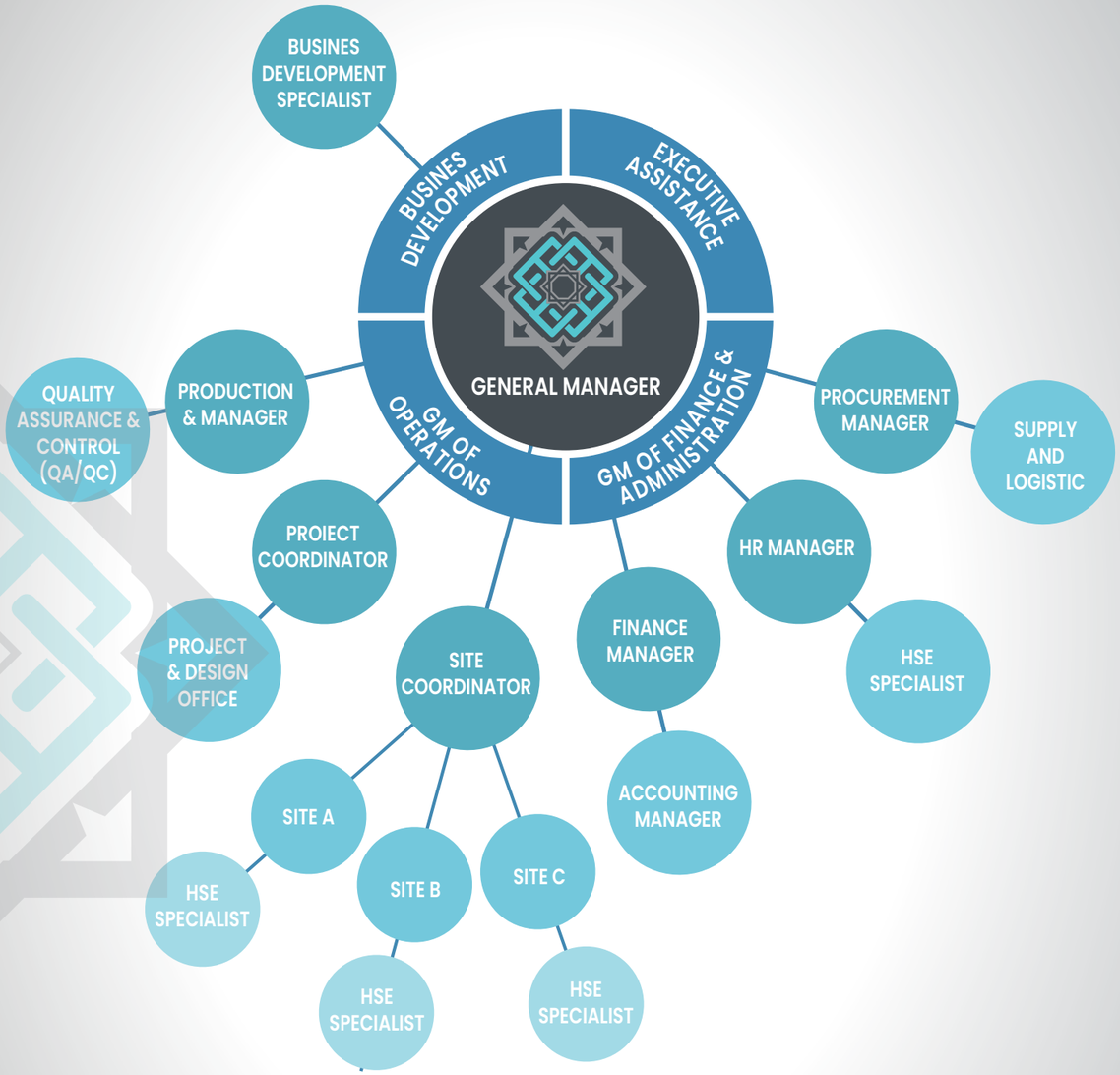
We work in close collaboration with Türkiye's leading developers, contractors, and publicinstitutions, contributing façade engineering and application expertise to projects of significantscale and complexity. Our role within these partnerships extends beyond execution,encompassing early-stage technical coordination, system optimization, and on-site integration.

The trust established through repeated collaboration reflects our ability to deliver consistentquality, manage complex interfaces, and align engineering solutions with demanding projectrequirements. These relationships form a strong foundation for our continued involvement inlarge-scale and landmark developments.

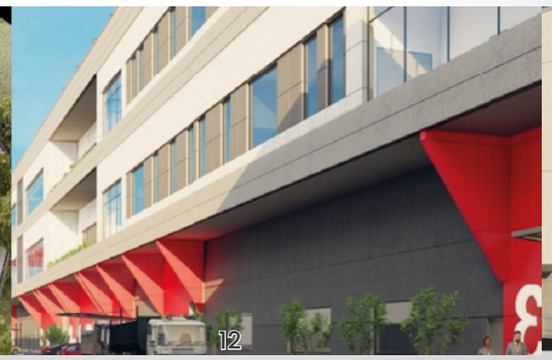
Our engineers and designers work through the integrated digital tools shown below, enablingprecise modelling, transparent coordination, and a consistently high technical standardthroughout every phase of the façade development process.

For projects developed by distinguished brands, we deliver façade solutions shaped with the samelevel of care, precision, and responsibility that their identities demand. Our in-house design officeplays a critical role in this process, where bespoke technical details are carefully engineered, fullycoordinated, and resolved without compromise. Each system is developed with a clearunderstanding that these façades represent more than buildings—they reflect brand value,architectural intent, and long-term performance expectations. Through disciplined engineering,accurate detailing, and seamless execution, our team ensures that every solution is as refined andreliable as the brands it serves.

Educa Design Organisation



EXTERIOR
Ongoing Projects



PIYALEPASA PREMIUM - MARRIOT

A high-end development combining ceramic cladding, stick façade systems, and heavy steel interface solutions across a total façade area of 21,000 m². The project requires precise coordination between architectural finishes and structural elements, ensuring performance, durability, and a premium visual character.

Key Figures

Total Façade Area: 21,000 m²

Systems: Ceramic cladding, stick façade applications, and heavy-duty steel support solutions

* Project Scope: Full façade engineering, detailing, manufacturing coordination, and on-site installation

Engineering Highlights

Advanced detailing and anchorage design for large-format ceramic cladding systems Structural integration between stick façade assemblies and heavy steel supports under complex geometrical conditions

High-precision interface coordination ensuring alignment between architectural intent, structural tolerances, and installation methods.

Relevance to Mega ProjectsThis project demonstrates our capability to manage multi-material façade systems, heavy structural interfacing, and premium architectural finishes-skills directly applicable to highdensity residential, mixed-use, and luxury masterplan components within large-scale mega developments.

Pruva 34
Marriott Luxury Hotel Project (2025)

Executed for Minsan Turizm İnşaat Yatırım A.Ş., the project commenced in 2023 and was delivered in 2025. The façade scope covers multiple systems applied with high detailing precision, including a signature lobby entrance formed by a single 8-meter monolithic glass panel.

Key Figures

Total Façade Area: 19,000 m²

Project Duration: 2023 – 2025

Systems: Stick façade, aluminum sheet cladding, custom louvers, kert & undercut natural stone cladding.

Engineering Highlights

Coordination of multiple façade systems within a single envelope

Precision handling and installation of oversized glass elements

Advanced detailing for natural stone anchoring and alignment

Relevance to Mega ProjectsThis project reflects the ability to integrate architectural statement elements with large-scale façade execution, a critical requirement for landmark hotels and hospitality developments in mega projects.

Medyan Kadıköy Project (2025–2026)

Executed for OBAKÖY–HALDIZ Joint Venture, the project stands out for its rapid progress rate and efficient coordination across multiple façade systems.

Key Figures

Total Façade Area: 30,000 m²

Start Date: April 2025

Planned Completion: February 2026

Completion Rate: 95% achieved in 8 months

Engineering Highlights

Application of specialized panel façade techniques

High-speed installation sequencing without compromising quality

Integration of façade cladding with aluminum glass railing systems

Relevance to Mega ProjectsThe project showcases high-capacity execution under tight schedules, directly aligned with the pace and scale expectations of mixed-use mega developments.

Ankara TRT Mosque Project (2025–2026)

Developed under IGA Airport Operations, this project represents a highly complex architectural and engineering challenge involving freeform geometries and layered façade construction.

Key Figures

Project Type: Religious / Landmark Structure

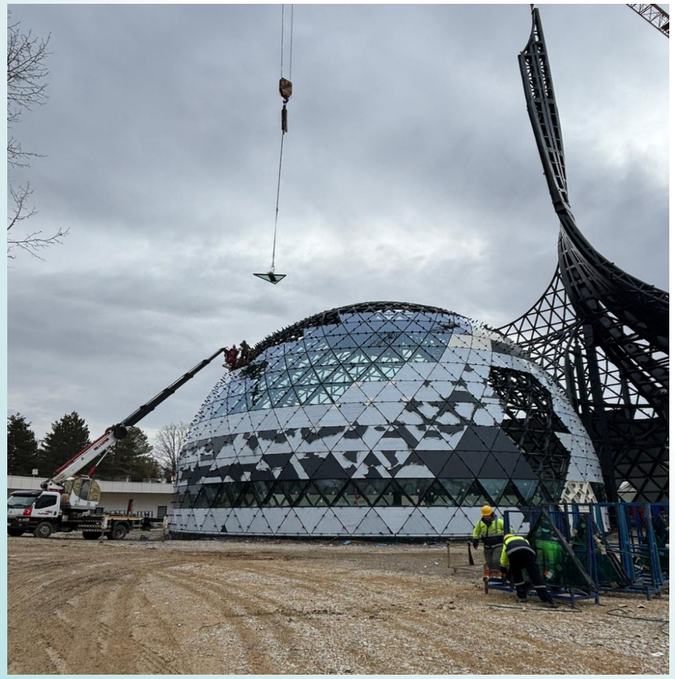
Duration: 2025 – 2026 (ongoing)

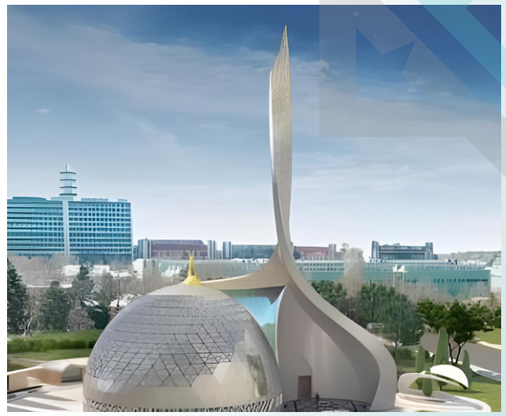
Systems: Double-layer freeform cladding, skylights, entrance façades, minaret systems

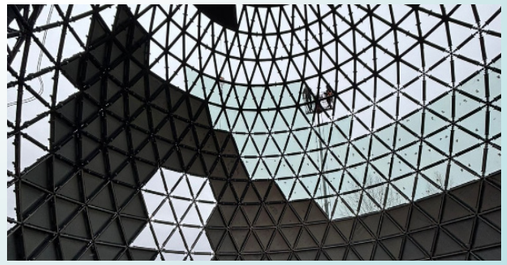
Engineering Highlights

Freeform façade design mounted on freeform steel construction

Multi-layer envelope coordination for the dome structure.







Mona 94 – Beykoz, Istanbul (2025)

A boutique residential development executed for MONA 94 İnşaat Adi Ortaklığı (Kalyon–Özyazıcı SNT Venture), combining architectural refinement with premium façade materials.

Key Figures

Site Area: 17,050 m²

Building Type: 7 Villas

Project Duration: 12 months

Engineering Highlights

Integration of multiple façade materials within low-rise luxury architecture Coordination of aluminum joinery, curtain walls, ceramic cladding, and shading systems High-detail execution aligned with residential comfort and aesthetics

Relevance to Mega Projects

The project reflects expertise in high-end residential façades, relevant to premium zones within mixed-use mega developments and gated communities.

Turkish Technic Hangar Project (2026)

Turkish Technic Hangar Project

An industrial-scale project involving aviation-grade requirements and large-span structural coordination.

Key Figures

Building Type: Aircraft Hangar / Industrial Facility

Scope: Façade systems and envelope coordination

Standards: International aviation and industrial codes

Engineering Highlights

Interface coordination between façade systems and large-span steel structures Strict compliance with approved Method of Statement (MOS)

Robust QA/QC and occupational health & safety implementationRelevance to Mega Projects

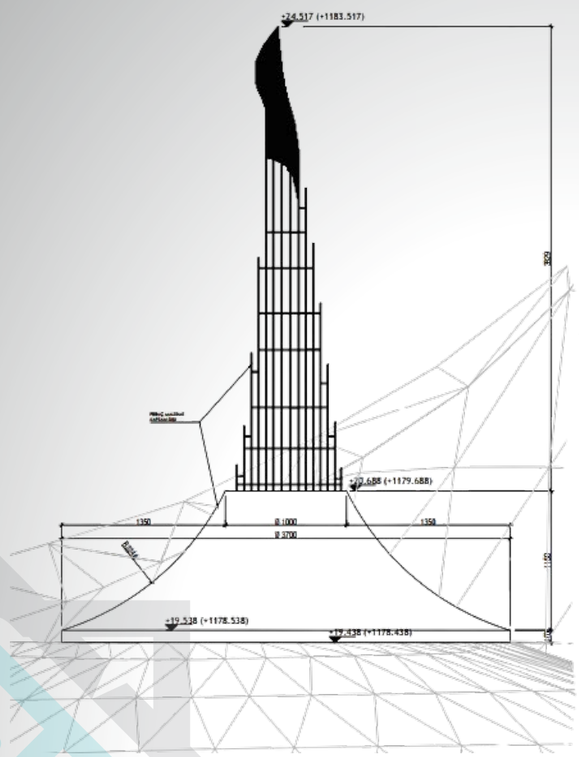
This project demonstrates capability in technically demanding, regulation-heavy environments, directly transferable to infrastructure, transport, and logistics components of mega developments

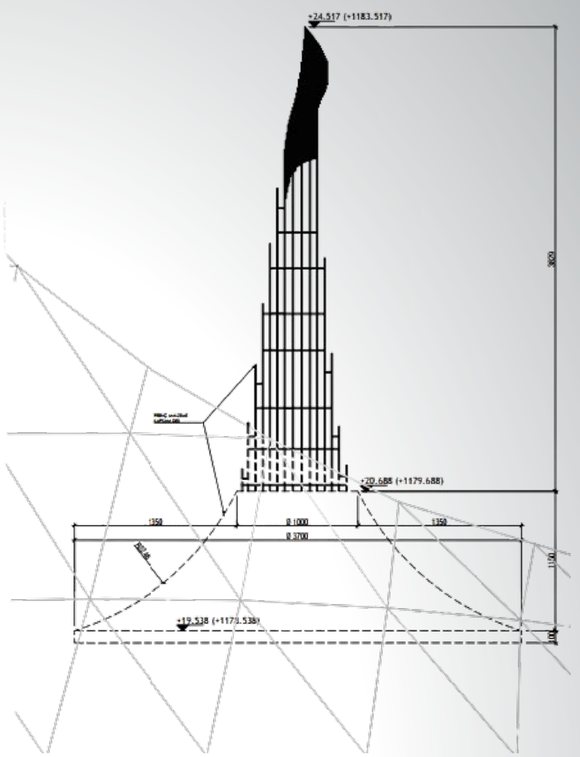
Design & Detailing

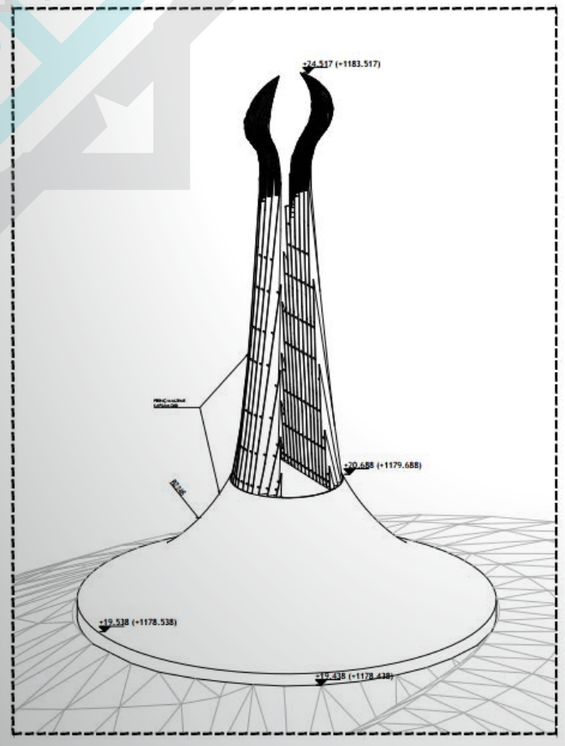
Digital Engineering & Software Tools

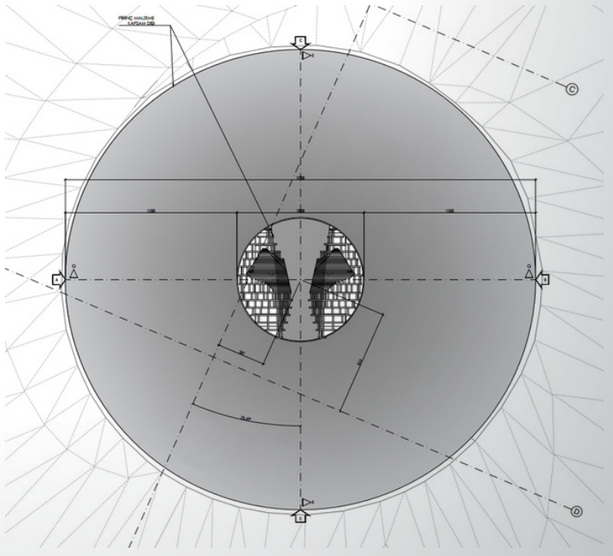
For projects carried out for distinguished and design-driven brands, we develop façade solutions with the same level of precision, sensitivity, and technical discipline that their identities require. Within our in-house design office, every bespoke detail is engineered with care-fully coordinated, rigorously checked, and resolved without room for rework. We approach each façade as more than a building element; it is a direct extension of the brand's character, architectural ambition, and long-term performance standards. Through disciplined engineering, meticulous detailing, and seamless execution on site, our team ensures that every solution meets the expectations of premium developments and stands with the same reliability and refinement as the brands we serve

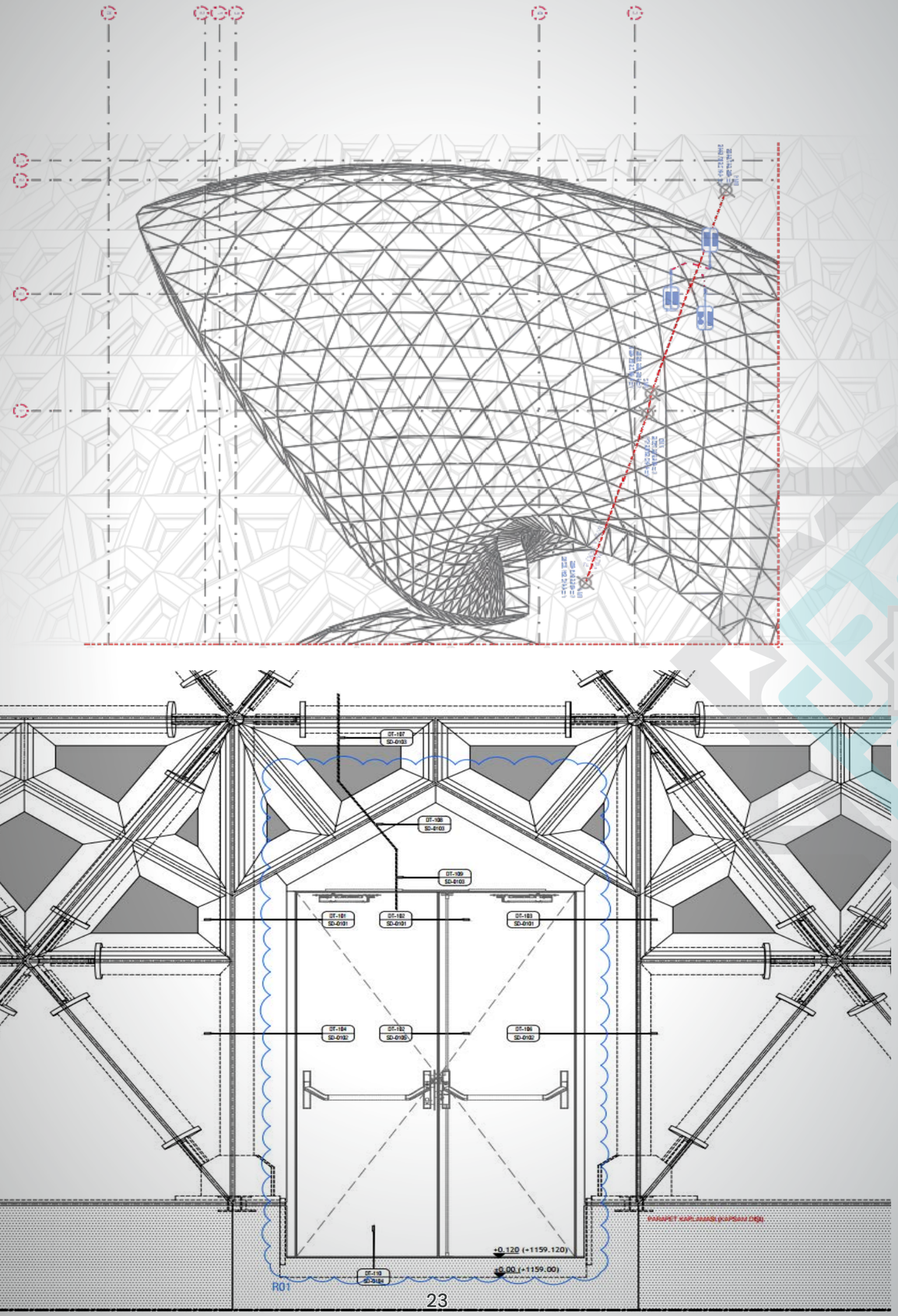
SAP
AutoCAD
STA4CAD
Tekla Structures
3DS MAX
AUTOCAD CIVIL 3D
SOLIDWORKS
Navisworks Simulate
3ds Max
AUTODESK REVIT
AUTODESK REVIT BIM
netcad
Project
Rhinoceros
SAP2000
AUTODESK AutoCAD
Ansys
ORACLE PRIMAVERA

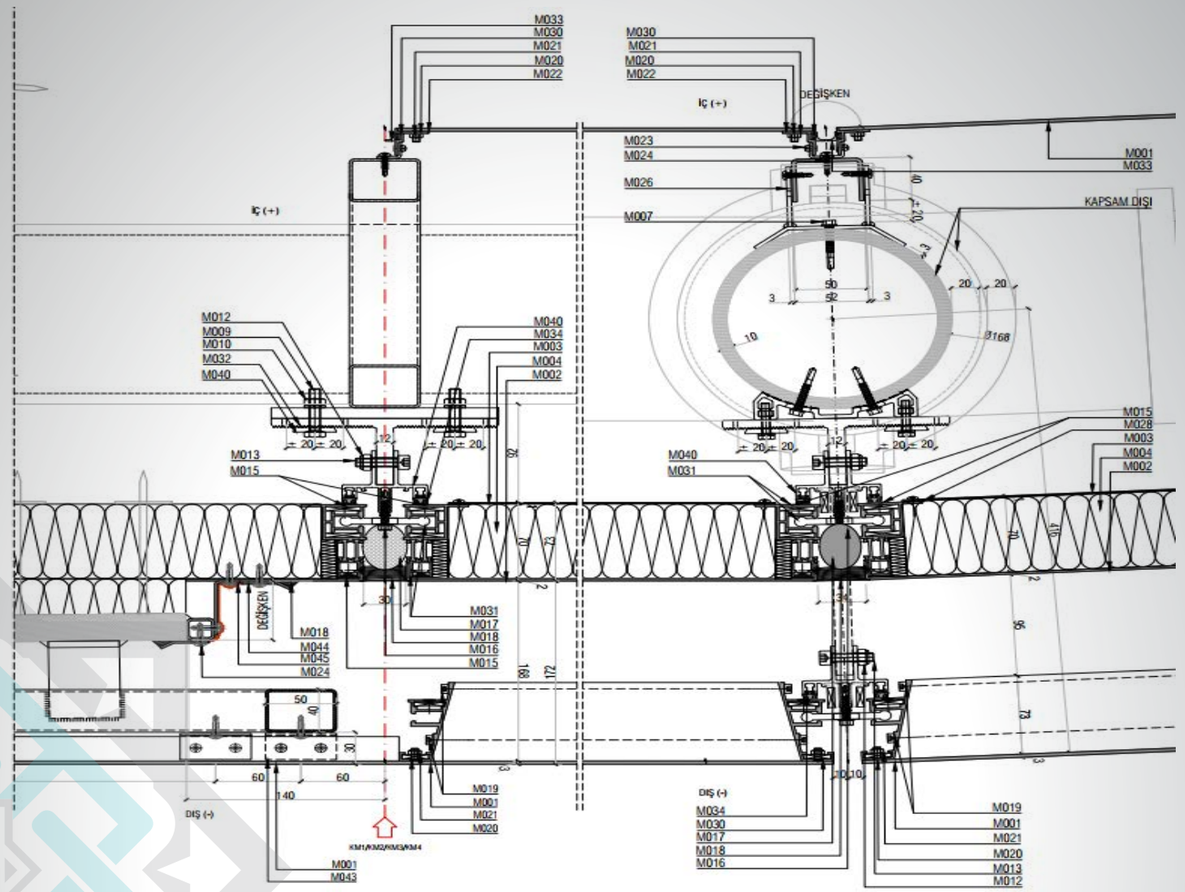

+24.517 (+1183.517)
+20.688 (+1179.688)
+19.538 (+1178.538)
+19.438 (+1178.438)

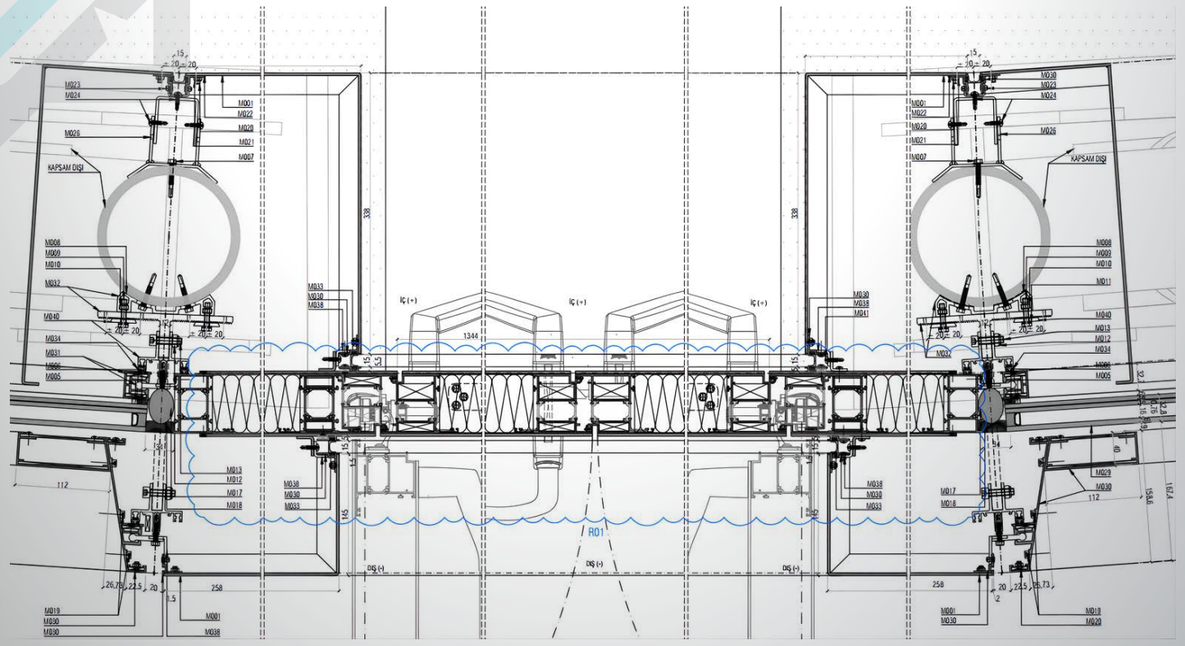

+24.517 (+1183.517)
+20.688 (+1179.688)
+19.538 (+1178.538)

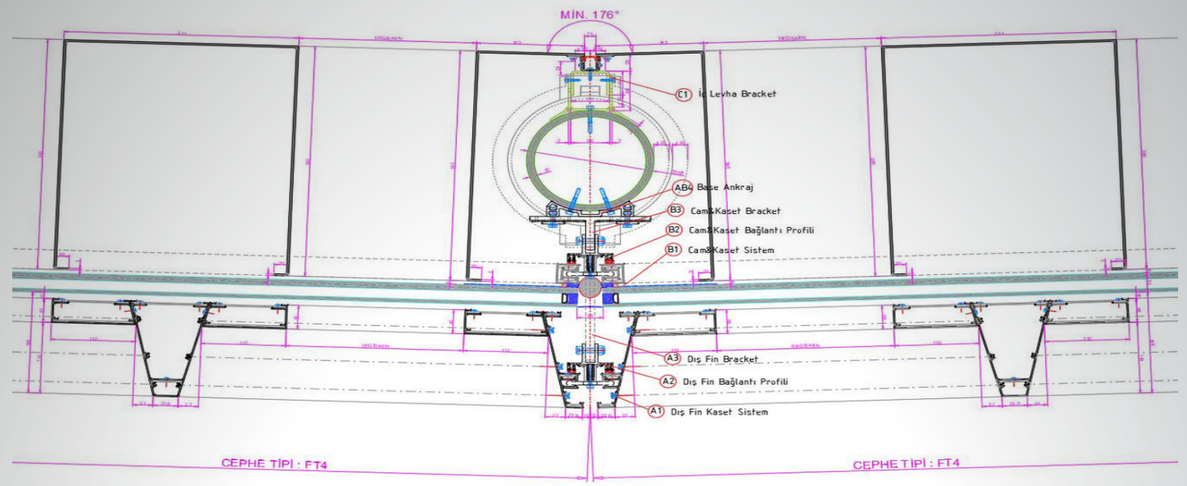

+24.517 (+1183.517)
+20.688 (+1179.688)
+19.538 (+1178.538)
+19.438 (+1178.438)

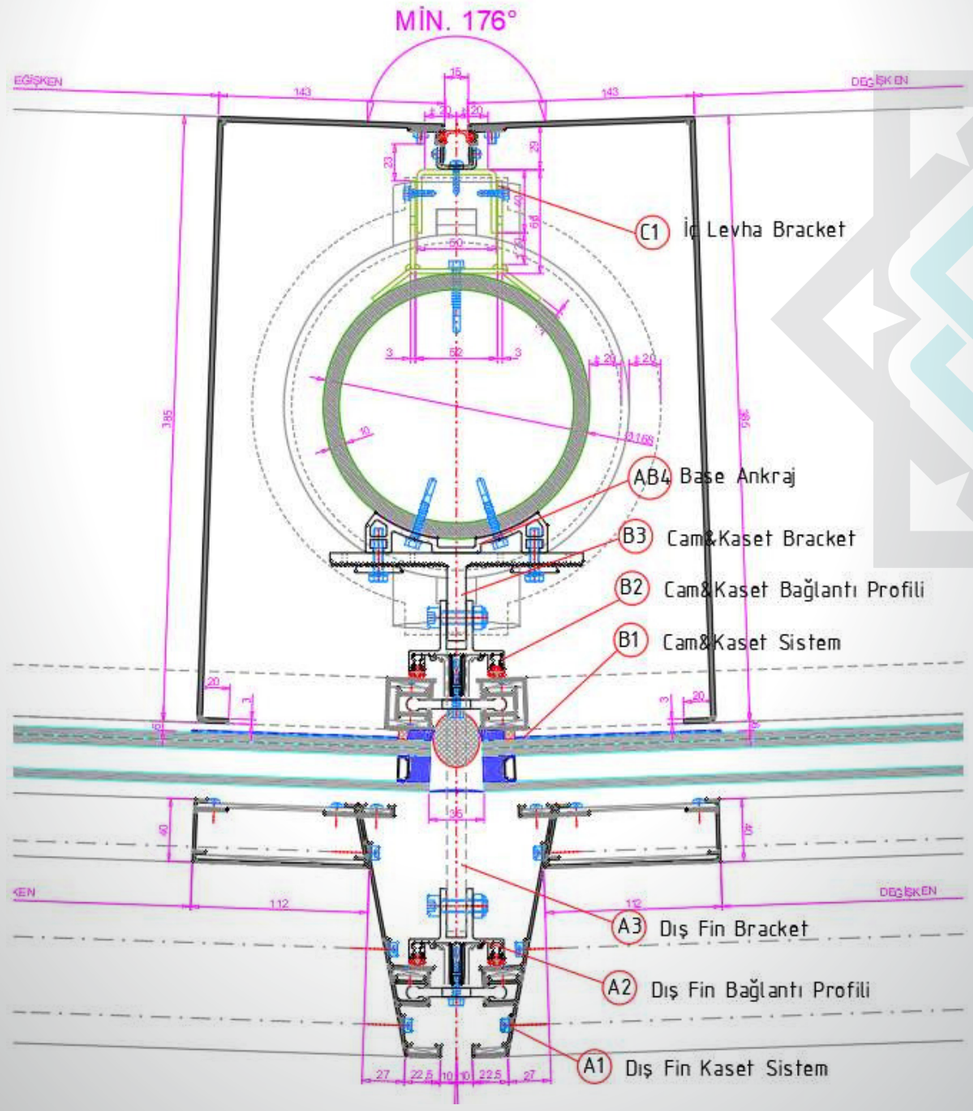


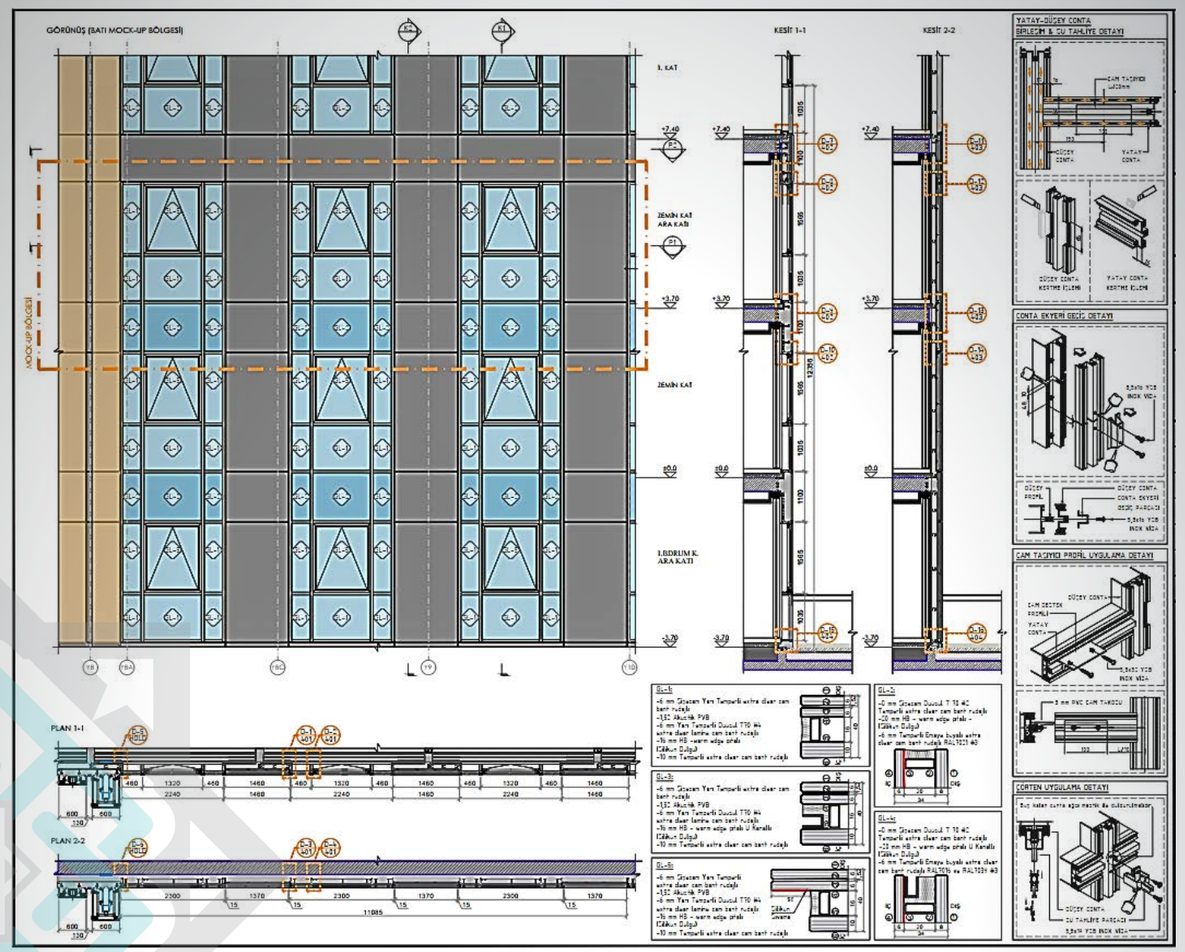

+0.120 (+1159.120)
+0.00 (+1159.00)
R01

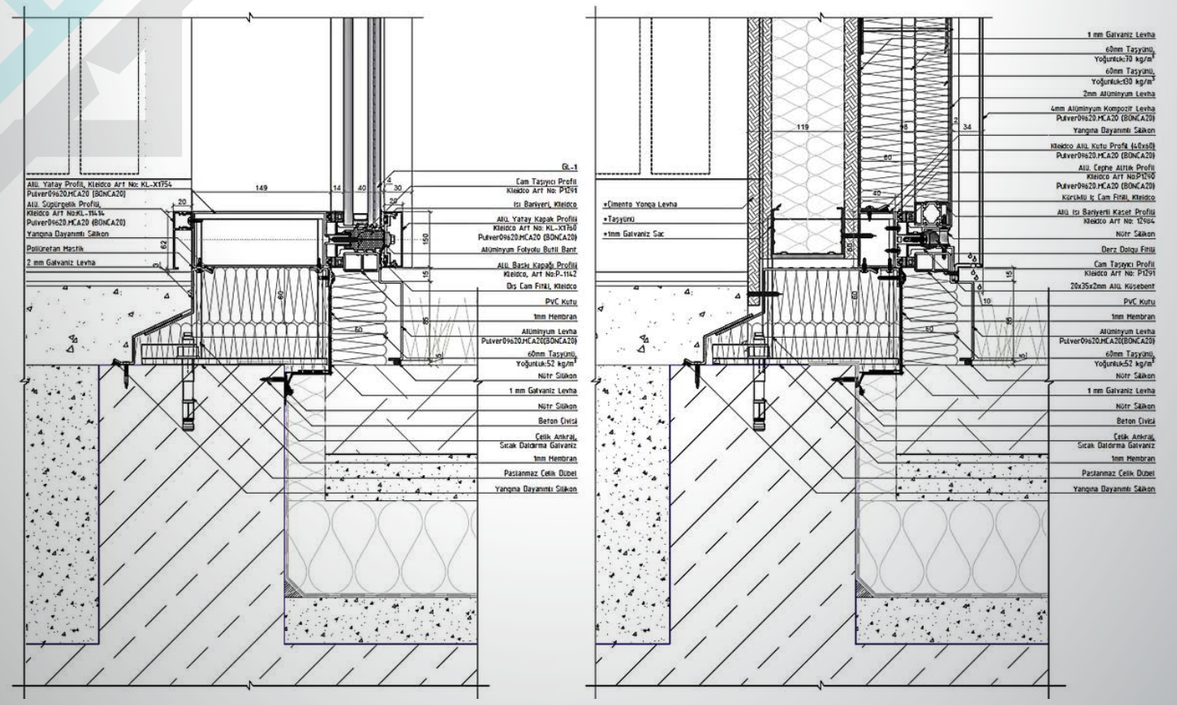

İÇ (+)
DEĞİŞKEN
KAPSAM DIŞI
DIŞ (-)
M033
M030
M021
M020
M022
M023
M024
M026
M007
M001
M012
M009
M010
M032
M040
M034
M003
M004
M002
M015
M028
M031
M013
M018
M044
M045
M016
M017
M019
M043


İÇ (+)
KAPSAM DIŞI
DIŞ (-)
R01


MİN. 176°
C1 İç Levha Bracket
AB4 Base Ankraj
B3 Cam&Kaset Bracket
B2 Cam&Kaset Bağlantı Profili
B1 Cam&Kaset Sistem
A3 Dış Fin Bracket
A2 Dış Fin Bağlantı Profili
A1 Dış Fin Kaset Sistem
CEPHE TİPİ : FT4
CEPHE TİPİ : FT4


MİN. 176°
EĞİŞKEN
DEĞİŞKEN
C1 İç Levha Bracket
AB4 Base Ankraj
B3 Cam&Kaset Bracket
B2 Cam&Kaset Bağlantı Profili
B1 Cam&Kaset Sistem
A3 Dış Fin Bracket
A2 Dış Fin Bağlantı Profili
A1 Dış Fin Kaset Sistem





EDUCA
DESIGN | GROUP
FACADE ACRYLIC METAL

Quality & Certifications

Measure: Incoming Material - Profiles

1 Purpose of this quality procedure
Incoming inspection and ensuring the quality of the delivered profiles.

2 Scope of the quality procedure
This quality procedure is only for the delivery of the profiles to the storage.

3 Special measures
In case of a failure detection of the delivered profiles a complaint has to be made. If the failure occurs of an incorrect handling by the manufacture a fault-protocol has to be made.

The QM decides what is to do with the profiles. Profiles which are not recyclable must send back or have to storage with a stop-sign in the storage. The fault-protocol must pass to the QM after debugging.

4 Definitions and Abbreviations
N Lot size: Number of incoming items or components in a container.

c Sample size: Number of checks to be performed.

n Acceptance size: Number of allowable negative checks. If c is not reached the next n has to be chosen.

5 Frequency / Sampling plan

N	2 - 15	16 - 25	26 - 90	91 - 150	151 - 500	501 - 1200	> 1200
n	2	3	5	8	13	20	32
c	0	0	0	1	1	2	3

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tools I have?	How often I have to check?
Surface	Scratch, dents	Order, manufacturing instructions	Every delivery
Thickness of the coating	Thickness of the coating	Measurements	See 5 Frequency
Dimensional	Length, angle	Measurements	See 5 Frequency
No. of items	Lot size	Order, manufacturing instructions	Every delivery
Date of delivery	Date of delivery	Order, delivery note	Every delivery

Checking protocol P 1.1.1 is for this quality procedure.

Measure: Incoming Material - Glass

1 Purpose of this quality procedure
Incoming inspection and ensuring the quality of the delivered glass.

2 Scope of the quality procedure
This quality procedure is only for the delivery of the glass to the storage.

3 Special measures
In case of a failure detection of the delivered glass a complaint has to be made. The new delivery date has to be coordinated with the production.

If the failure occurs of an incorrect handling by the manufacture a fault-protocol has to be made. The QM decides what is to do with the glass. Basis of this check is the glazing guide Note FIV 03.

4 Definitions and Abbreviations
N Lot size: Number of incoming items or components in a container.

c Sample size: Number of checks to be performed.

n Acceptance size: Number of allowable negative checks. If c is not reached the next n has to be chosen.

5 Frequency / Sampling plan

N	2 - 15	16 - 25	26 - 90	91 - 150	151 - 400
n	2	3	5	8	13
c	0	0	1	5	10

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tools I have?	How often I have to check?
Surface	Scratches, cracking, splinters	Order, manufacturing instructions	All glass visuell
Dimensional	Tolerances, reference edges	Measurements	See 5 Frequency
No. of items	Lot size	Order, glass list	Every glass
Date of delivery	Date of delivery	Delivery date, Order	Every delivery

Checking protocol P 1.2.1 is for this quality procedure.

Measure: Incoming Material - Miscellaneous

1 Purpose of this quality procedure
Incoming inspection and ensuring the quality of the delivered miscellaneous.

2 Scope of the quality procedure
This quality procedure is only for the delivery of the profiles to the storage.

3 Special measures
In case of a failure detection of the delivered material a complaint has to be made. If the failure occurs of an incorrect handling by the manufacture a fault-protocol has to be made. The QM decides what is to do with the material. Material which are not recyclable must send back or have to storage with a stop-sign in the storage. The fault-protocol must pass to the QM after debugging.

4 Definitions and Abbreviations
N Lot size: Number of incoming items or components in a container.

c Sample size: Number of checks to be performed.

n Acceptance size: Number of allowable negative checks. If c is not reached the next n has to be chosen.

5 Frequency / Sampling plan

N	2 - 15	16 - 25	26 - 90	91 - 150	151 - 500	501 - 1200	> 1200
n	2	3	5	8	13	20	32
c	0	0	0	1	1	2	3

6 Description of the check

What needs to be checked?	To which I have to payattention?	What kind of tools I have?	How often I have to check?
Surface	Scratch, dents	Order, manufacturing instructions	See 5 Frequency
Dimensional	Tolerances	Measurements	See 5 Frequency
No. of items	Lot size	Order, manufacturing instructions	Every delivery
Date of delivery	Delivery date	Order, delivery note	Every delivery
Safety instruction	Are these available	Hazardous substances register	Every delivery
Durability	Check of availability	Expiration date	Every delivery

Checking protocol P 1.3.1 is for this quality procedure.

Measure: Profile Connection

1 Purpose of this quality procedure
Connection of the profiles according to the production guidelines.

2 Scope of the quality procedure
This quality procedure is for the profile connection.

3 Special measures
In case of a failure detection of the delivered profiles a complaint has to be made. If the failure occurs of an

incorrect handling by the manufacture a fault-protocol has to be made. The QM decides what is to do with the profiles. Profiles which are not recyclable must send back or have to storage with a stop-sign in the storage. The fault-protocol must pass to the QM after debugging.

4 Definitions and Abbreviations
N Lot size: Number of incoming items or components in a container.

c Sample size: Number of checks to be performed.

n Acceptance size: Number of allowable negative checks. If c is not reached the next n has to be chosen.

5 Frequency / Sampling plan

N	2 - 15	16 - 25	26 - 90	91 - 150	151 - 500	501 - 1200	> 1200
n	2	3	5	8	13	20	32
c	0	0	0	1	1	2	3

6 Description of the check

What needs to be checked?	To which I have to payattention?	What kind of tools I have?	How often I have to check?
Surface	Scratch, dents	What kind of tools I have?	Every profile
Dimensional	Parallelism, depth, length	Eye, measurements	See 5 Frequency
No. of items	No. of items	Eye, measurements Profile drawings	Every delivery
Strength of the connection	Shear strength test	Measurements	Min. 1 profile of one container

Checking protocol P 2.1.1 is for this quality procedure.

Measure: Mechanical Handling

1 Purpose of this quality procedure
Ensure that the mechanical handling of material is according to the production guidelines.

2 Scope of the quality procedure
This quality procedure is for the mechanical handling of the material.

3 Special measures
In case of failure detection a fault-protocol has to be made. The QM decides what is to do with the material. Materials which are not recyclable must storage with a stop-sign in the storage. The fault-protocol must pass to the QM after debugging.

4 Definitions and Abbreviations
N Lot size: Number of incoming items or components in a container.

c Sample size: Number of checks to be performed.

n Acceptance size: Number of allowable negative checks. If c is not reached the next n has to be chosen.

5 Frequency / Sampling plan

N	2 - 15	16 - 25	26 - 90	91 - 150	151 - 500	501 - 1200	> 1200
n	2	3	5	8	13	20	32
c	0	0	0	1	1	2	3

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tools I have?	How often I have to check?
Surface	Scratch, dents	Eye	Every profile
Every mechanical process	Drilling, milling, cutting	Measurements	See 5 Frequency
No. of items	Lot size	Cutting optimization	Once

Checking protocol P 3.1.1 is for this quality procedure.

Measure: Production of Frames

1 Purpose of this quality procedure
Ensure that the production of the frames is according to the production guidelines.

2 Scope of the quality procedure
This quality procedure is for the production of the frames.

3 Special measures
In case of failure detection a fault-protocol has to be made. The QM decides what is to do with the profiles. Profiles which are not recyclable must storage with a stop-sign in the storage. The fault-protocol must pass to the QM after debugging.

4 Definitions and Abbreviations
N Lot size: Number of incoming items or components in a container.

n Sample size: Number of checks to be performed.

c Acceptance size: Number of allowable negative checks. If c is not reached the next n has to be chosen.

5 Frequency / Sampling plan

N	2 - 15	16 - 25	26 - 90	91 - 150	151 - 500	501 - 1200	> 1200
n	2	3	5	8	13	20	32
c	0	0	0	1	1	2	3

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tools I have?	How often I have to check?
Surface	Scratch, dents	Eye	Every profile
Every production process	Offset, parallelism, joint	Measurements	See 5 Frequency
Dimensions	length	Measurements	Every frame
Additions	Offset	Measurements	See 5 Frequency
No. of items	No. of profiles and frames	Production documents	Every frame

Checking protocol P 4.1.1 is for this quality procedure.

Measure: Completion of the Insert Frames

1 Purpose of this quality procedure
Ensure that the completion of the insert frames and shadow boxes are according to the production guidelines.

2 Scope of the quality procedure
This quality procedure is for the completion of the insert Frames and shadow boxes.

3 Special measures
In case of failure detection a fault-protocol has to be made. The QM decides what is to do with the material. Materials which are not recyclable must storage with a stop-sign in the storage. The fault-protocol must pass to the QM after debugging.

4 Definitions and Abbreviations
N Lot size: Number of incoming items or components in a container.

n Sample size: Number of checks to be performed.

c Acceptance size: Number of allowable negative checks. If c is not reached the next n has to be chosen.

5 Frequency / Sampling plan

N	2 - 15	16 - 25	26 - 90	91 - 150	151 - 500	501 - 1200	> 1200
n	2	3	5	8	13	20	32
c	0	0	0	1	1	2	3

6 Description of the check

What needs to be checked?	To which I have to payattention?	What kind of tools I have?	How often I have to check?
Surface	Scratch, dents	Eye	Every profile
Every production process	Offset, parallelism, joint	Measurements	See 5 Frequency
Dimensions	length	Measurements	Every frame
Additions	Offset	Measurements	See 5 Frequency
No. of items	No. of profiles and frames	Production documents	Every frame

Checking protocol P 5.1.1 is for this quality procedure.

Measure: VEC-Bonding

1 Purpose of this quality procedure
Ensure that the production of the frames is according to the production guidelines.

2 Scope of the quality procedure
This quality procedure is for the production of the frames.

3 Special measures
In case of failure detection a fault-protocol has to be made. The QM decides what is to do with the profiles. Profiles which are not recyclable must storage with a stop-sign in the storage. The fault-protocol must pass to the QM after debugging.

4 Definitions and Abbreviations
N Lot size: Number of incoming items or components in a container.

c Sample size: Number of checks to be performed.

n Acceptance size: Number of allowable negative checks. If c is not reached the next n has to be chosen.

5 Frequency / Sampling plan

N	2 - 15	16 - 25	26 - 90	91 - 150	151 - 500	501 - 1200	> 1200
n	2	3	5	8	13	20	32
c	0	0	0	1	1	2	3

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tools I have?	How often I have to check?
Surface	Scratch, dents	Eye	Every profile
Every production process	Offset, parallelism, joint	Measurements	See 5 Frequency
Dimensions	length	Measurements	Every frame
Additions	Offset	Measurements	See 5 Frequency
No. of items	No. of profiles and frames	Production documents	Every frame

Checking protocol P 6.1.1 is for this quality procedure.

Measure: Final Installation of the Elements

1 Purpose of this quality procedure
This quality procedure is for the final installation of the element.

2 Scope of the quality procedure
Completion of the elements in the production.

3 Special measures
In case of failure detection a fault-protocol has to be made. The QM decides what is to do with the material. Materials which are not recyclable must storage with a stop-sign in the storage. The fault-protocol must pass to the QM after debugging.

4 Definitions and Abbreviations
N Lot size: Number of incoming items or components in a container.

n Sample size: Number of checks to be performed.

c Acceptance size: Number of allowable negative checks. If c is not reached the next n has to be chosen.

5 Frequency / Sampling plan

N	1 - 15	16 - 25	26 - 90	91 - 150	151 - 500	501 - 1200	> 1200
n	1	2	3	4	All 40	All 50	All 60
c	0	0	0	0	0	0	0

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tools I have?	How often I have to check?
Every step which is necessary for the production of the element	Every production step	Eye	Every element
Final Check	Everything according to the several element type	Measurements	Every elemenet

Checking protocol P 7.1.1 is for this quality procedure.

Measure: Final Installation of the Doors

1 Purpose of this quality procedure
This quality procedure is for the final installation of the doors.

2 Scope of the quality procedure
Completion of the doors in the production.

3 Special measures
In case of failure detection a fault-protocol has to be made. The QM decides what is to do with the material. Materials which are not recyclable must storage with a stop-sign in the storage. The fault-protocol must pass to the QM after debugging.

4 Definitions and Abbreviations
N Lot size: Number of incoming items or components in a container.

n Sample size: Number of checks to be performed.

c Acceptance size: Number of allowable negative checks. If c is not reached the next n has to be chosen.

5 Frequency / Sampling plan

N	1 - 15	16 - 25	26 - 90	91 - 150	151 - 500	501 - 1200	> 1200
n	1	2	3	4	All 40	All 50	All 60
c	0	0	0	0	0	0	0

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tools I have?	How often I have to check?
Surface	Scratches, dents	Eye	Every profile
Every production step	Drilling, milling, cutting	Measurements	Every profile
No. of items	Lot size	Eye	Once

Checking protocol P 8.1.1 is for this quality procedure.

Measure: Packaging

1 Purpose of this quality procedure
This quality procedure should ensure a complete and damage-free transport

2 Scope of the quality procedure
This quality procedure is for every transport.

3 Special measures
In case of failure detection a fault-protocol has to be made. The QM decides what is to do with the material. Materials which are not recyclable must storage with a stop-sign in the storage. The fault-protocol must pass to the QM after debugging.

4 Definitions and Abbreviations
–

5 Frequency / Sampling plan
Every packaging has to be checked.

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tools I have?	How often I have to check?
Completeness of the packaging	No. of materials	Transportation bill	Every transport
Intermediate layers	Protection of the coated surface	Eye	Every transport
Lashing of the racks	Fastening sufficiently	Eye	Every transport
Labeling of the packaging	Shipping address, material,	Eye	Every transport

Checking protocol P 9.1.1 is for this quality procedure.

Measure: Training of the Installers

1 Purpose of this quality procedure
Training of the installers about the general site regulations, to avoid damage and danger to the persons on the site.

2 Scope of the quality procedure
This quality procedure is for each installer on site during the whole installation period.

3 Special measures
Only a signed checking protocol entitles an installer to work on the construction site.

4 Definitions and Abbreviations
APR = Accident Prevention Regulations

5 Frequency / Sampling plan
Once before the start of work of each employee. A further briefing is necessary if there are changes.

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tool I have?	How often I have to check?
Safety instruction	In possession of a Safety Passport	Verification	Once before start of work
Authorization scaffolding	Which type of authorization?	Verification	Once before start of work
Driver's license	Which type of driver's license?	Verification	Once before start of work
Installation method	Is the installer informed about the Installation method?	Verification	Once before start of work

Checking protocol I 1.1.1 is for this quality procedure.

Measure: Delivery on construction site

1 Purpose of this quality procedure
Each delivery will be checked to avoid delivery failure, quality constraints and transport damages are early detected.

2 Scope of the quality procedure
Every delivery on site.

3 Special measures
If there is a damage or failure on the materials the QM has to be informed. The QM will decide what is to do with the material.

4 Definitions and Abbreviations
QM – Quality Manager

5 Frequency / Sampling plan
Every delivery.

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tool I have?	How often I have to check?
Quantity T	Is the quantity right?	Delivery- and transport registration	Every delivery
ransport damages	Are damages at the materials?	Eye	Every delivery
Quality restrictions	Are quality restrictions at the materials?	Eye	Every delivery
Identification	Is it possible to assign the material to the right storage area?	Eye	Every delivery
Correct materials	Is the delivered material the same as described in the BOM/delivery note	Delivery note and BOM	Every delivery

Checking protocol I 2.1.1 is for this quality procedure.

Measure: Logistic and Storage

1 Purpose of this quality procedure
Check of the logistics and storage at the several storage areas and containers.

2 Scope of the quality procedure
This quality procedure is for the logistic and storage on the construction site.

3 Special measures
By the detection of a fault, the QM has to be informed. The QM will decide which steps to take.

4 Definitions and Abbreviations
QM – Quality Manager

5 Frequency / Sampling plan
The review of the material storage areas and containers shall be made at least 2 times a week. When deviations occur, the test interval is reinforced in those areas.

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tool I have?	How often I have to check?
Storage areas	Clear storage of the element racks. Empty element racks storage separately. General cleanliness.	Eye	See 5 Frequency
Materialcontainers	Materials stored according to storage guidelines. Labeled boxes. General cleanliness.	Eye	See 5 Frequency

Checking protocol I 1.1.1 is for this quality procedure.

Measure: Check of the Preliminary Work

1 Purpose of this quality procedure
In order to detect early a fault/missing of the preliminary work. For example: some concrete tolerances are permitted, the maximum tolerances are already considered in the planning phase and can be taken during installation. For larger deviations, a reworking of the concrete is necessary.

2 Scope of the quality procedure
This quality procedure is for the whole installation period.

3 Special measures
If there is a failure the QM has to be informed.

4 Definitions and Abbreviations
QM – Quality Manager

5 Frequency / Sampling plan
Before the start of the installation of each section and during the installation, the preliminary work has to be checked.

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tool I have?	How often I have to check?
Position of the axes	Position of the axes	Eye	See 5 Frequency
Location of the concrete	Is the concrete within their tolerance	Eye	See 5 Frequency
Construction site cleanliness	Rack complete? Access roads free?	Eye	See 5 Frequency
Installation of the lightning protection cable	Is the cable installed before installation of the panels?	Eye	See 5 Frequency

Checking protocol I 4.1.1 is for this quality procedure.

Measure: Survey

1 Purpose of this quality procedure
During the measuring the position of the facade is set. The created axes are the basis for the assembly. The specially created axes that are used only for installation of the facade must be secured during the entire construction period.

2 Scope of the quality procedure
During the whole installation period.

3 Special measures
The specially created axes that are used only for the installation should be identified and secured during the whole installation period.

Only after completion and review of the axes the installation can start..

4 Definitions and Abbreviations
-

5 Frequency / Sampling plan
Before starting installation.

6 Description of the check
The position of the axes should be registered in a checking list.

Measure: Fixing of the Brackets

1 Purpose of this quality procedure
The brackets are used to fasten the elements to the concrete, also to transfer the loads of the elements into the concrete. To ensure this, a review of each bracket is required.

2 Scope of the quality procedure
This quality procedure is for every bracket.

3 Special measures
The revised brackets and anchors shall be indicated.

The installation of the elements can start only if the review of the brackets has no defects.

4 Definitions and Abbreviations
-

5 Frequency / Sampling plan
Every bracket.

6 Description of the check
After completion of each floor, the installed brackets are to be checked according to the checking protocol.

One of the 15 brackets has to be checked additionally.

Measure: Installation of the Elements

1 Purpose of this quality procedure
This quality procedure is to detect defects during the installation of the elements.

2 Scope of the quality procedure
This quality procedure is for the whole installation period.

3 Special measures
If a fault is detected, the QM has to be informed. The QM will decide what is to do.

4 Definitions and Abbreviations
QM – Quality Manager

5 Frequency / Sampling plan
Every element has to be checked. 1 of 15 elements has to be checked additionally according to the checking protocol.

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tool I have?	How often I have to check?
Type of element	Installation of the right type	Execution drawings	Every element
Position of the element	Position to the axes	Leveling, Theodolite, Yardstick	See checking protocol
Visual check	Damages	Eye	Every element
Functional check	Function of the hung	Eye	See checking protocol

Checking protocol I 7.1.1, is for this quality procedure.

Measure: Bonding, Joints

1 Purpose of this quality procedure
This quality procedure is for checking the wind/waterproofness during the installation of the element.

2 Scope of the quality procedure
This quality procedure is for the whole installation period.

3 Special measures
If there is a failure the quality manager has to be informed. The QM decide what to do.

4 Definitions and Abbreviations
N Lotzise: Number of pieces which has to be checked.

n Sample size: Number of test to be performed.

c Acceptance standard: Number of allowable negatives tests. If the competence level isn't reached, the next step (column) will be applicable.

5 Frequency

N	2 - 15	16 - 25	26 - 90	91 - 150	151 - 500	501 - 1200	> 1200
n	2	3	5	8	13	20	32
c	0	0	0	1	1	2	3

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tools I have?	How often I have to check?
Type of element	Installation of the right type	Execution drawings	Every element
Position of the element	Position to the axes	Leveling, Theodolite, Yardstick	See checking protocol
Visual check	Damages	Eye	Every element
Functional check	Function of the hung	Eye	See checking protocol

Checking protocol I 7.1.1, is for this quality procedure.

Measure: Connection and Sealing Works

1 Purpose of this quality procedure
This quality procedure is for the check of the connection and sealing works after the installation of the elements.

2 Scope of the quality procedure
This quality procedure is for the whole installation period.

3 Special measures
If there is a failure the quality manager has to be informed.

4 Definitions and Abbreviations
N Lot size: Number of incoming items or components in a container.

n Sample size: Number of checks to be performed.

c Acceptance size: Number of allowable negative checks. If c is not reached the next n has to be chosen.

5 Frequency
Generally everything. The check can be performed over an area of several axes. These have to be entered in the checking protocol.

N	2 - 15	16 - 25	26 - 90	91 - 150	151 - 500	501 - 1200	> 1200
n	2	3	5	8	13	20	32
c	0	0	0	1	1	2	3

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tools I have?	How often I have to check?
Connection curtain wall with other parts of the facade	Membrane installed and correctly glued	Production guideline, technical publication by the manufacture execution drawings, visual check	See 5 Frequency and checking protocol
Cladding below the technical floor	Area insulated, Claddings installed according Membrane installed and correctly glued to the requirements	Production guideline, technical publication by the manufacture execution drawings, visual check	See 5 Frequency and checking protocol
Smoke foreclosure under the ceiling	Joints long enough, cut properly, support structure and claddings installed correctly	Production guideline, technical publication by the manufacture execution drawings, visual check	See 5 Frequency and checking protocol
Interior Tablet	Areas insulated, support structure and sill installed correctly	Production guideline, technical publication by the manufacture execution drawings, visual check	See 5 Frequency and checking protocol
No. of items	No. of profiles and frames	Production documents	Every frame

Checking protocols I 8.2.1, I 8.2.2, I 8.2.3 are for this quality procedure.

Measure: Fixing of the Brackets

1 Purpose of this quality procedure
The installation of the cladding consists of three basic steps:

Installation of the substructure

Installation of the insulation

Installation of the cladding

2 Scope of the quality procedure
This quality procedure is for the complete installation of the cladding.

3 Special measures
If there is a failure the QM has to be informed.

4 Definitions and Abbreviations
QM – Quality Manager

5 Frequency
The frequency for the check of the different installation steps is described in the checking protocol.

6 Description of the check
The different checking steps are:

Substructure

Compliance with installation tolerances

Installation according to the static calculation and installation drawings

Installation of the materials according to the manufacturer's instruction

Insulation

Is the right insulation and quality used

Installation according to the manufacturer's instruction (fixations per m²)

Installation according to the installation drawings

Cladding

Installation according to the installation drawings

Compliance with installation tolerances

Measure: Protection of the Installed Facade

1 Purpose of this quality procedure
This quality procedure is to avoid damages at the facade until the acceptance.

2 Scope of the quality procedure
This quality procedure is for the time between the installation and the acceptance of the facade.

3 Special measures
If there is a failure the QM has to be informed.

4 Definitions and Abbreviations
QM – Quality Manager

5 Frequency / Sampling plan

	Protection of the elements	Protection of the claddings
After removingthe packing	1x	1x
After theinstallation	1x	1x
Between the installation and the acceptance	randomly	randomly

6 Description of the check

What needs to be checked?	To which I have to pay attention?	What kind of tool I have?	How often I have to check?
Protection which is done in the factory	Is the protection enough?	Eye	See 5 Frequency and checking protocol
Protection which is done after the installation	Are there zones not protected in the visual zones?	Eye	See 5 Frequency and checking protocol
Protection which is done between the installation and the acceptance	Is the protection film dissolved? Are there protection films removed?	Eye	See 5 Frequency and checking protocol

Checking protocol I 10.1.1 is for this quality procedure.

ISO 9001:2015

Sertifika
Certificate

DSR CERTIFICATION

EDUCADESIGN EĞİTİM OFİS SİSTEMLERİ İNŞAAT
MÜHENDİSLİK SANAYİ DIŞ TİCARET
LİMİTED ŞİRKETİ

MURATBEY MERKEZ MAH. FABRİKALAR CAD. NO: 3 ÇATALCA/ İSTANBUL/ TÜRKİYE

DSR BELGELENDİRME tarafından denetlenmiş ve uygulamakta olduğu
Kalite Yönetim Sisteminin

is audited by DSR Certification and applied
Quality Management System meet the requirements of

ISO 9001:2015

standardına aşağıdaki kapsamda uymakta olduğu gözlenmiştir.
standard for the following activities.

YAPILARIN ESTETİK VE İŞLEVSEL DIŞ CEPHE SİSTEMLERİNİN (CAM GİYDİRME, KOMPOZİT, HPL, MESH, METAL PANEL VB.) MİMARİ TASARIMI, İMALATI VE MONTAJI İLE AKRİLİK ESASLI MOBİLYA VE DUŞAKABİN SİSTEMLERİNİN TASARIMI VE ÜRETİMİ

ARCHITECTURAL DESIGN, MANUFACTURING AND INSTALLATION OF AESTHETIC AND FUNCTIONAL EXTERIOR FACADE SYSTEMS OF BUILDINGS (GLASS CLADING, COMPOSITE, HPL, MESH, METAL PANEL, ETC.) AND DESIGN AND PRODUCTION OF ACRYLIC-BASED FURNITURE AND SHOWER CABIN SYSTEMS

Sertifika No / *Certificate No:* **QMS-25.10.353**

24.10.2025	24.10.2025	23.10.2026
Sertifika Tarihi *Certificate Date*	Sertifika Son Basım Tarihi *Certificate Last Issue Date*	Sertifika Geçerlilik Tarihi *Certificate Expiry Date*

EA Kodu/*EA Code:* **23-28-34**

DSR CERTIFICATION
ISO 9001:2015 CERTIFIED

ONAY
APPROVAL

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
IAF

IAS
ACCREDITED

DSR CERTIFICATION AND INSPECTION, LLC
950 RIDGE ROAD SUITE D11 1596 CLAYMONT, DELAWARE 19703 UNITED STATES
E-mail: info@dsrbelgelendirme.com.tr - Web: www.dsrbelgelendirme.com.tr

ISO 14001:2015

Sertifika
Certificate

DSR CERTIFICATION

EDUCADESIGN EĞİTİM OFİS SİSTEMLERİ İNŞAAT
MÜHENDİSLİK SANAYİ DIŞ TİCARET
LİMİTED ŞİRKETİ

MURATBEY MERKEZ MAH. FABRİKALAR CAD. NO: 3 ÇATALCA/ İSTANBUL/ TÜRKİYE

DSR BELGELENDİRME tarafından denetlenmiş ve uygulamakta olduğu
Çevre Yönetim Sisteminin

is audited by DSR Certification and applied
Environmental Management System meet the requirements of

ISO 14001:2015

standardına aşağıdaki kapsamda uymakta olduğu gözlenmiştir.
standard for the following activities.

YAPILARIN ESTETİK VE İŞLEVSEL DIŞ CEPHE SİSTEMLERİNİN (CAM GİYDİRME, KOMPOZİT, HPL, MESH, METAL PANEL VB.) MİMARİ TASARIMI, İMALATI VE MONTAJI İLE AKRİLİK ESASLI MOBİLYA VE DUŞAKABİN SİSTEMLERİNİN TASARIMI VE ÜRETİMİ

ARCHITECTURAL DESIGN, MANUFACTURING AND INSTALLATION OF AESTHETIC AND FUNCTIONAL EXTERIOR FACADE SYSTEMS OF BUILDINGS (GLASS CLADING, COMPOSITE, HPL, MESH, METAL PANEL, ETC.) AND DESIGN AND PRODUCTION OF ACRYLIC-BASED FURNITURE AND SHOWER CABIN SYSTEMS

Sertifika No / *Certificate No:* **EMS-25.10.353**

24.10.2025	24.10.2025	23.10.2026
Sertifika Tarihi *Certificate Date*	Sertifika Son Basım Tarihi *Certificate Last Issue Date*	Sertifika Geçerlilik Tarihi Certificate Expiry Date

EA Kodu/*EA Code:* **23-28-34**

DSR CERTIFICATION
ISO 14001:2015 CERTIFIED

ONAY
APPROVAL

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
IAF

IAS
ACCREDITED

DSR CERTIFICATION AND INSPECTION, LLC
950 RIDGE ROAD SUITE D11 1596 CLAYMONT, DELAWARE 19703 UNITED STATES
E-mail: info@dsrbelgelendirme.com.tr - Web: www.dsrbelgelendirme.com.tr

ISO 45001:2018

Sertifika
Certificate

DSR CERTIFICATION

EDUCADESIGN EĞİTİM OFİS SİSTEMLERİ İNŞAAT
MÜHENDİSLİK SANAYİ DIŞ TİCARET
LİMİTED ŞİRKETİ

MURATBEY MERKEZ MAH. FABRİKALAR CAD. NO: 3 ÇATALCA/ İSTANBUL/ TÜRKİYE

DSR BELGELENDİRME tarafından denetlenmiş ve uygulamakta olduğu
İş Sağlığı ve Güvenliği Yönetim Sisteminin

is audited by DSR Certification and applied
Occupational Health and Safety Management System meet the requirements of

ISO 45001:2018

standardına aşağıdaki kapsamda uymakta olduğu gözlenmiştir.
standard for the following activities.

YAPILARIN ESTETİK VE İŞLEVSEL DIŞ CEPHE SİSTEMLERİNİN (CAM GİYDİRME, KOMPOZİT, HPL, MESH, METAL PANEL VB.) MİMARİ TASARIMI, İMALATI VE MONTAJI İLE AKRİLİK ESASLI MOBİLYA VE DUŞAKABİN SİSTEMLERİNİN TASARIMI VE ÜRETİMİ

ARCHITECTURAL DESIGN, MANUFACTURING AND INSTALLATION OF AESTHETIC AND FUNCTIONAL EXTERIOR FACADE SYSTEMS OF BUILDINGS (GLASS CLADING, COMPOSITE, HPL, MESH, METAL PANEL, ETC.) AND DESIGN AND PRODUCTION OF ACRYLIC-BASED FURNITURE AND SHOWER CABIN SYSTEMS

Sertifika No / *Certificate No:* **ISG-25.10.353**

24.10.2025	24.10.2025	23.10.2026
Sertifika Tarihi	Sertifika Son Basım Tarihi	Sertifika Geçerlilik Tarihi
Certificate Date	*Certificate Last Issue Date*	*Certificate Expiry Date*

DSR CERTIFICATION
ISO 45001:2018 CERTIFIED

ONAY
APPROVAL

DSR CERTIFICATION AND INSPECTION, LLC
950 RIDGE ROAD SUITE D11 1596 CLAYMONT, DELAWARE 19703 UNITED STATES
E-mail: info@dsrbelgelendirme.com.tr - Web: www.dsrbelgelendirme.com.tr

ISO 10002:2018

Sertifika
Certificate

DSR CERTIFICATION

EDUCADESIGN EĞİTİM OFİS SİSTEMLERİ İNŞAAT
MÜHENDİSLİK SANAYİ DIŞ TİCARET
LİMİTED ŞİRKETİ

MURATBEY MERKEZ MAH. FABRİKALAR CAD. NO: 3 ÇATALCA/ İSTANBUL/ TÜRKİYE

DSR BELGELENDİRME tarafından denetlenmiş ve uygulamakta olduğu
Müşteri Memnuniyeti Yönetim Sisteminin

is audited by DSR Certification and applied
Customer Satisfaction Management System meet the requirements of

ISO 10002:2018

standardına aşağıdaki kapsamda uymakta olduğu gözlenmiştir.
standard for the following activities.

YAPILARIN ESTETİK VE İŞLEVSEL DIŞ CEPHE SİSTEMLERİNİN (CAM GİYDİRME, KOMPOZİT, HPL, MESH, METAL PANEL VB.) MİMARİ TASARIMI, İMALATI VE MONTAJI İLE AKRİLİK ESASLI MOBİLYA VE DUŞAKABİN SİSTEMLERİNİN TASARIMI VE ÜRETİMİ

ARCHITECTURAL DESIGN, MANUFACTURING AND INSTALLATION OF AESTHETIC AND FUNCTIONAL EXTERIOR FACADE SYSTEMS OF BUILDINGS (GLASS CLADING, COMPOSITE, HPL, MESH, METAL PANEL, ETC.) AND DESIGN AND PRODUCTION OF ACRYLIC-BASED FURNITURE AND SHOWER CABIN SYSTEMS

Sertifika No / *Certificate No:* **M-25.10.353**

24.10.2025	24.10.2025	23.10.2026
Sertifika Tarihi	Sertifika Son Basım Tarihi	Sertifika Geçerlilik Tarihi
Certificate Date	*Certificate Last Issue Date*	*Certificate Expiry Date*

DSR CERTIFICATION
ISO 10002:2018 CERTIFIED

ONAY
APPROVAL

DSR CERTIFICATION AND INSPECTION, LLC
950 RIDGE ROAD SUITE D11 1596 CLAYMONT, DELAWARE 19703 UNITED STATES
E-mail: info@dsrbelgelendirme.com.tr - Web: www.dsrbelgelendirme.com.tr

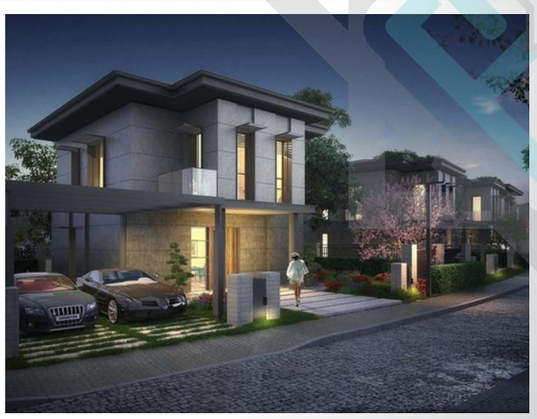
Completed Projects

MEDICAL PARK VIP HOSPITAL

KENT ETILER OFFICE

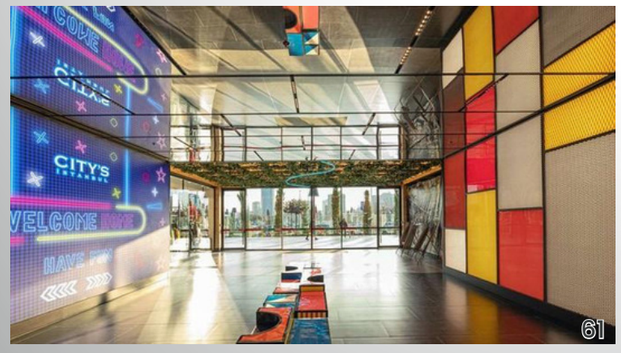
AVANGART

TEMA-2



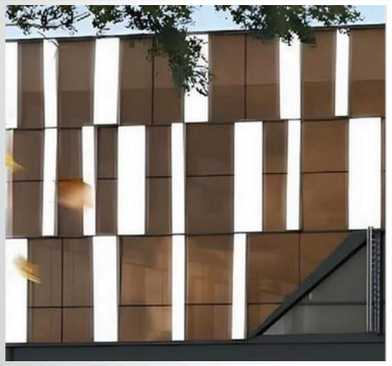
IBB URBAN TRANSFORMATION

CITY’S ISTANBUL MALL

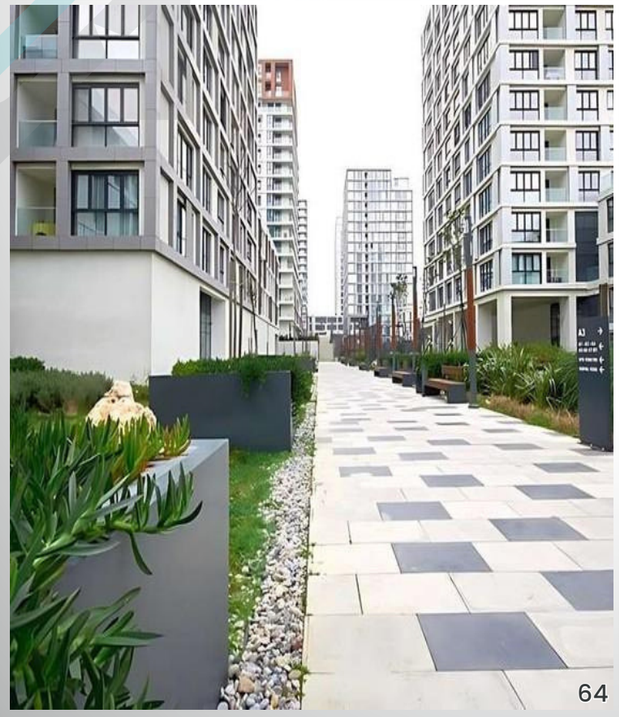


BAKIRCI YAPI - TOPKAPI

SERDIVAN TRADE CENTER



AKZİRVE STARDA

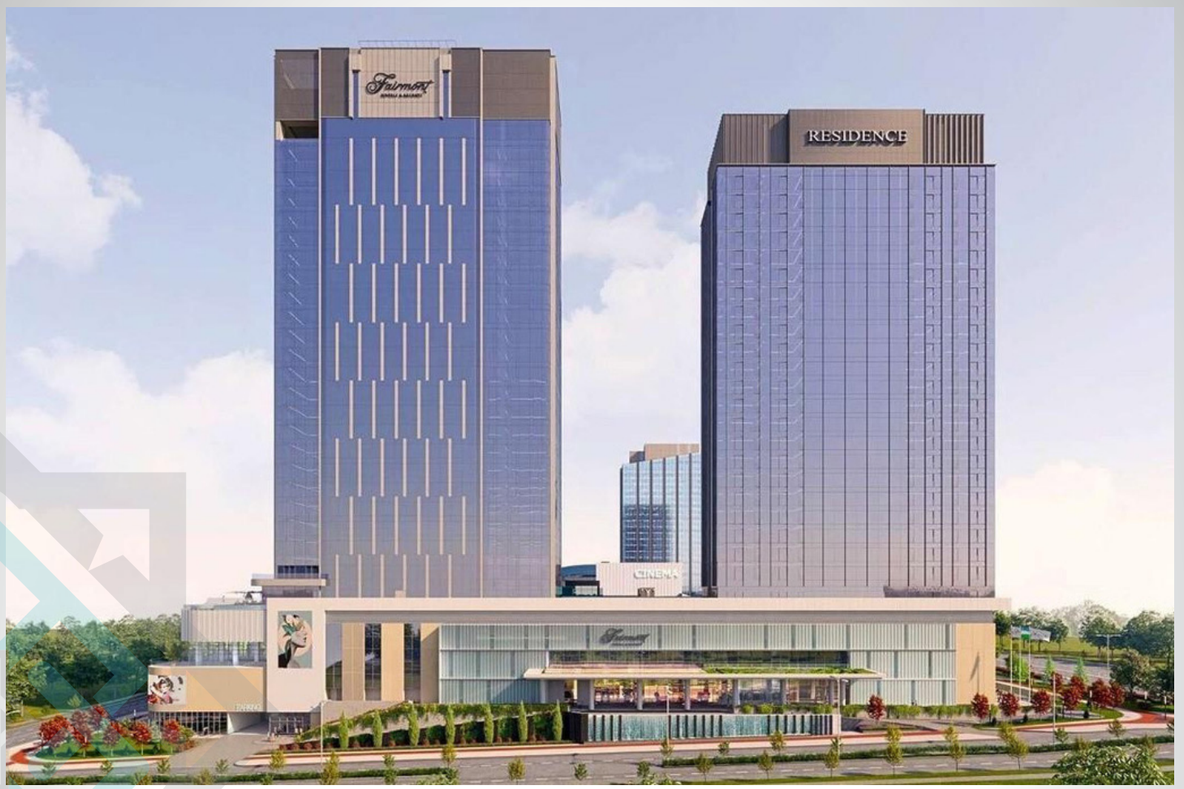


AKZİRVE TOPKAPI 29

BAKIRCI YAPI

ARTAS YAMANEVLER

FAIRMONT HOTEL



TASHKENT CITY MALL

Panel System

Educa design Manufacturing

At Educadesign, we represent ourselves as a team that confidently takes strong steps at every stage — from design to production and from implementation to delivery. We are deeply involved in every process and approach every detail with a professional and meticulous mindset.

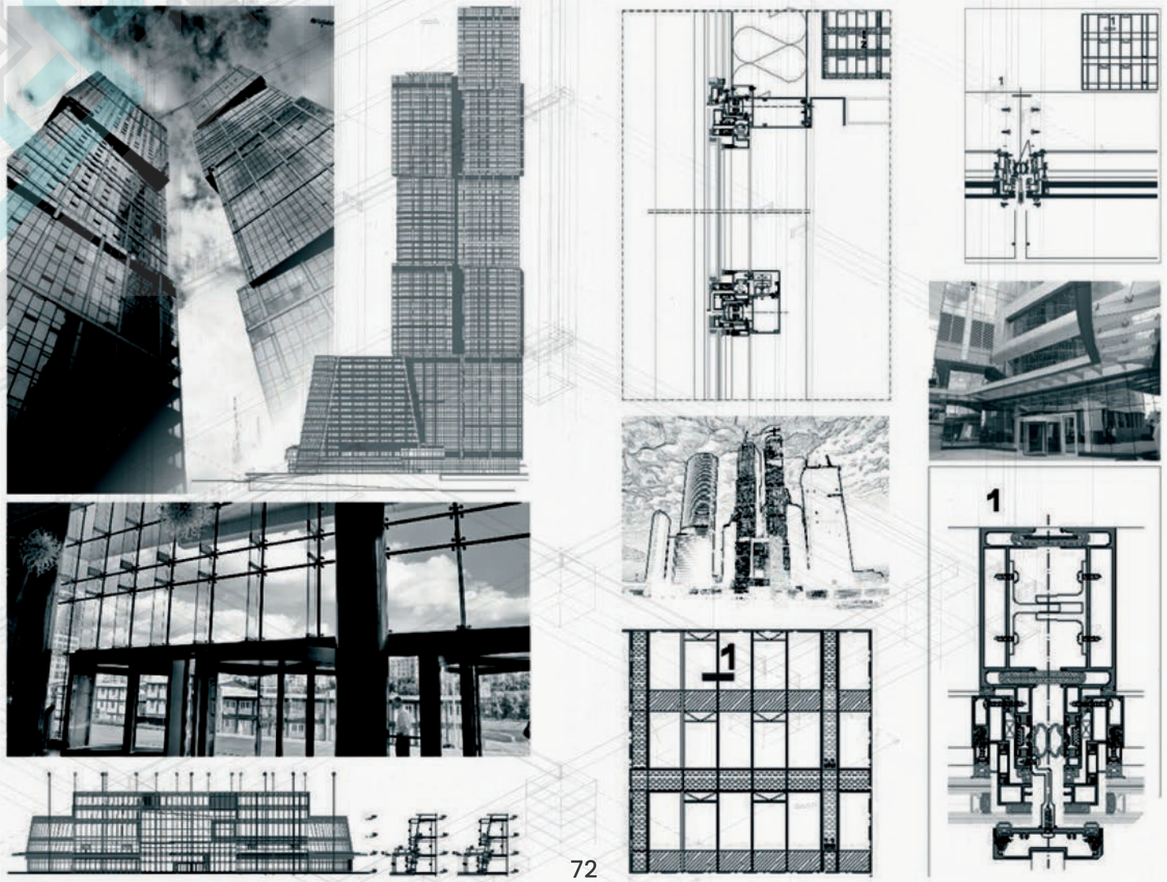
Our experienced and talented team delivers unique and captivating designs for each project, transforming our clients' dreams into reality. With confidence, we embrace every challenge that comes our way and remain determined to overcome even the most demanding design obstacles. During the manufacturing process, we operate with high industry standards of quality control and expertise. By utilizing SAP-ERP software and state-of-the-art CNC machinery, we ensure that every product is crafted and assembled with precision and excellence.

In the field application phase, we conduct our work with detailed planning and a professional approach. We collaborate closely with our clients at every stage, aiming not only to meet expectations but to consistently exceed them.

Educadesign is recognized as a reliable and trustworthy partner in all its projects. We are dedicated to maintaining the highest level of customer satisfaction and achieving outstanding project success at all times.

We are here to design, manufacture, and build for you.

Educadesign

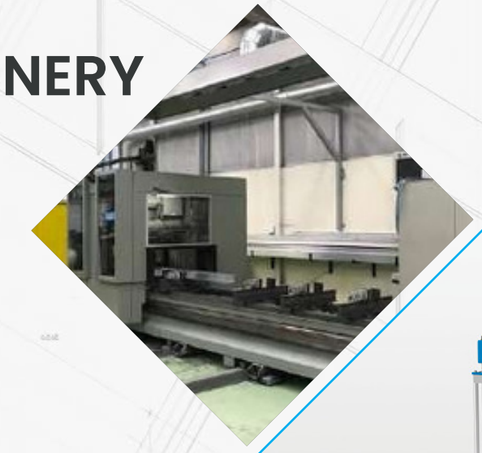


Basic production possibilities: division, excision, and perforation of sheet metal up to 3 mm thickness; cutting and bending up to 6 m length; straightening of sheet metal once unwound from the coils of individual and dual parts, and straightening levelers.

Basic production possibilities: division, excision, and perforation of sheet metal up to 3 mm thickness; cutting and bending up to 6 m length; straightening of sheet metal once unwound from the coils of individual and dual parts, and straightening levelers.

Basic production possibilities: division, excision, and perforation of sheet metal up to 3 mm thickness; cutting and bending up to 6 m length; straightening of sheet metal once unwound from the coils of individual and dual parts, and straightening levelers.

MACHINERY



Division, cutting, and perforation of sheet metal up to 3 mm thickness; cutting and bending operations up to 6 m length; and straightening of sheet metal after uncoiling.

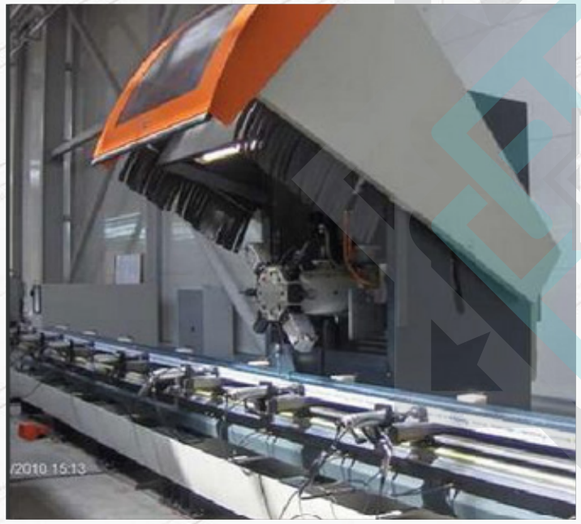
For façade and roofing systems, the production of standard sheet-metal components, special coatings, and atypical/custom elements is carried out in accordance with individual customer expectations and project requirements.

SUPPLY AND STORAGE

The supply department operates across three distinct areas: the main stock area, accessory stock area, and outdoor stock area.

All aluminum profiles, gaskets, PVC, and other materials are stored in the main stock area, along with facilities for incoming quality control (IQC), polyamide mounting, and various screws and special materials. System company accessories are housed in the accessory stock area.

The outdoor stock area serves for the temporary storage of glass ready for manufacturing and for storing glass unsuitable for immediate use due to manufacturing constraints.



The constituent profiles of the panel (vertical and horizontal panel profiles, meeting rails, adapter profiles) are cut using a double-head cutting machine according to the shop drawings provided by the Project Department.

Following the cutting process, the profiles are labeled with codes and numbers. Holes and notches on the panel profiles are processed using CNC machines. All joint parts are drilled and shaped as per the specifications outlined in the shop drawings, using appropriate milling and drilling tools.

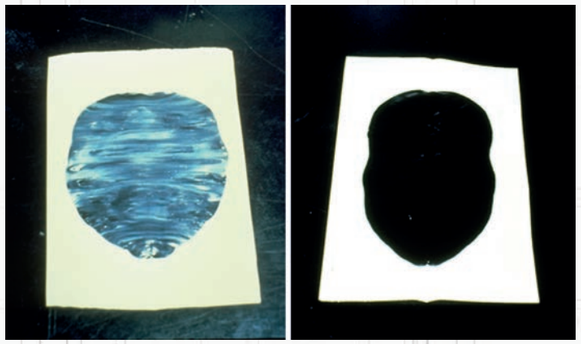
PRODUCTION

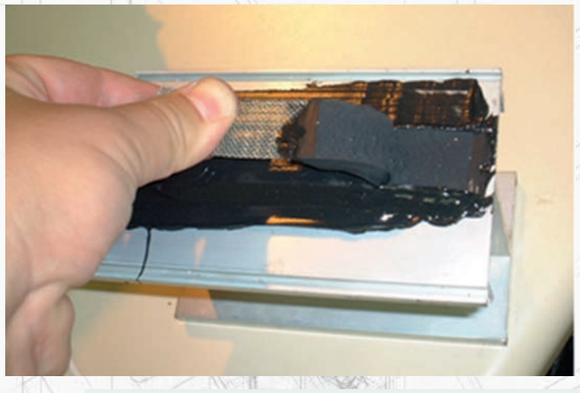
The panel's main structure is fabricated by connecting rails and plannings using corner presses and adapter profiles. Before pressing, suitable profiles are combined with adapter profiles and auxiliary materials, then secured with the press.

Profiles are assembled according to the manufacturing drawings, and epoxy is applied during the corner combining operations. Once the corner press processes are completed, the profiles are left to cure with the epoxy before further assembly.

Panel profiles, framed with corner presses, are then moved to workbenches for accessory and insulation work. Following the completion of these processes, they are taken to the bonding workshop for glass installation, where the distance band is initially adjusted in accordance with the specifications provided in the manufacturing drawings.

Quality control measures are implemented to ensure the proper placement of type characteristics according to the measurements indicated in the manufacturing drawings onto the distance band, using suction cups or manual placement depending on the glass size and weight. After silicone application, the glasses are transferred to a stacking area for silicone curing.





TESTS

Throughout the bonding process, various tests are systematically conducted to ensure that the bonding process meets quality standards and is suitable for the intended application. These tests include: Butterfly Test:

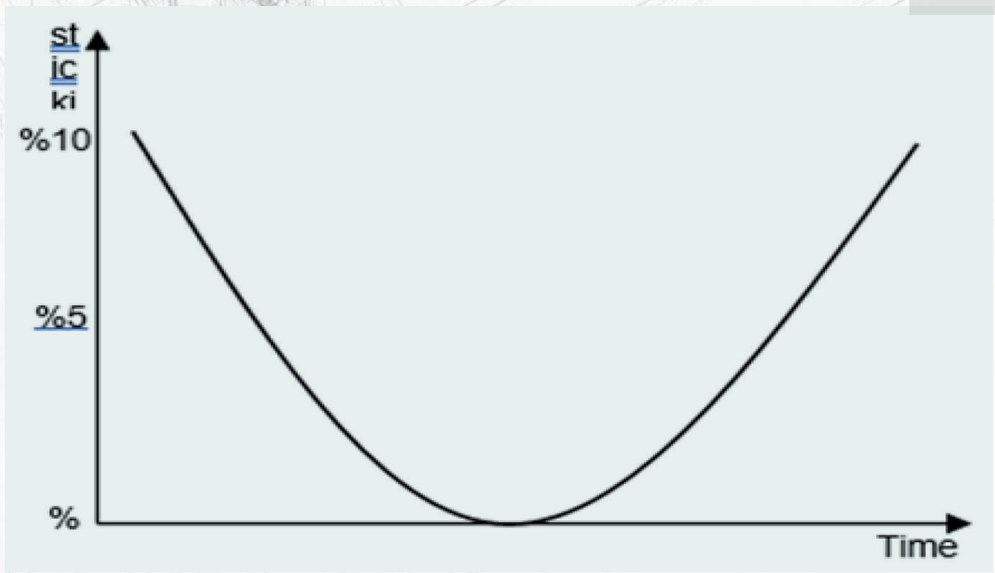
This test examines the uniform mixing of the base and catalyst components by the pump. It ensures that the components are thoroughly mixed, as incomplete mixing can lead to inadequate curing and adhesion. If the result of the test indicates improper mixing, further investigation into the pump and static mixers is necessary.

Rupture Time Test:

This test assesses whether the mixing ratio of the adhesive is correct and checks the initiation of curing. By observing the time it takes for the material to rupture, this test provides insight into the curing process and confirms that it has commenced as expected.

Peel Adhesion Test:

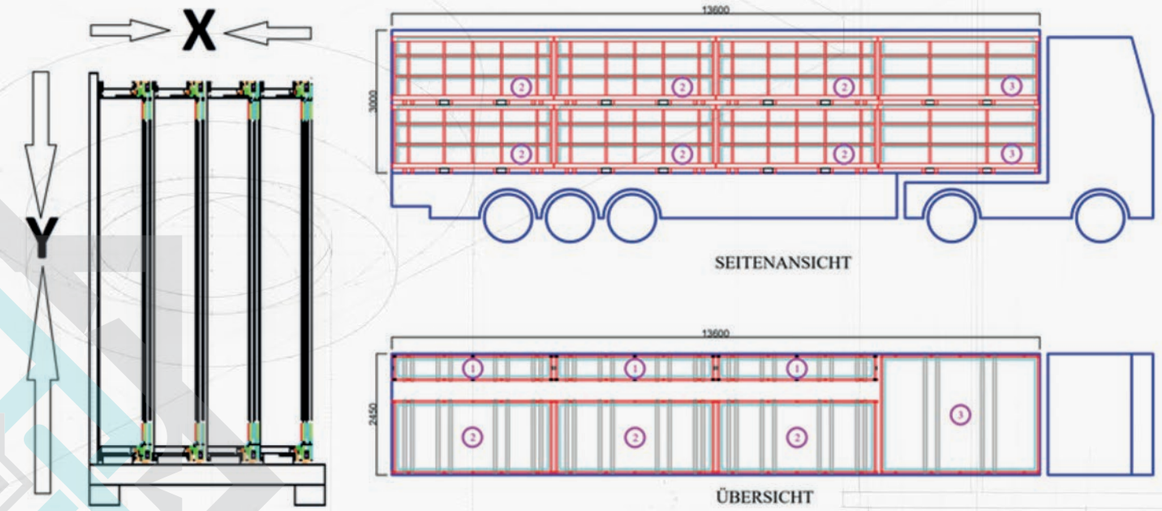
This test is performed to evaluate the strength of adhesion achieved by the bonding process. It involves applying controlled force to the bonded materials to measure resistance to separation. The test is repeated at specific intervals, such as every 12, 24, and 36 hours, to ensure consistent and durable adhesion over time.

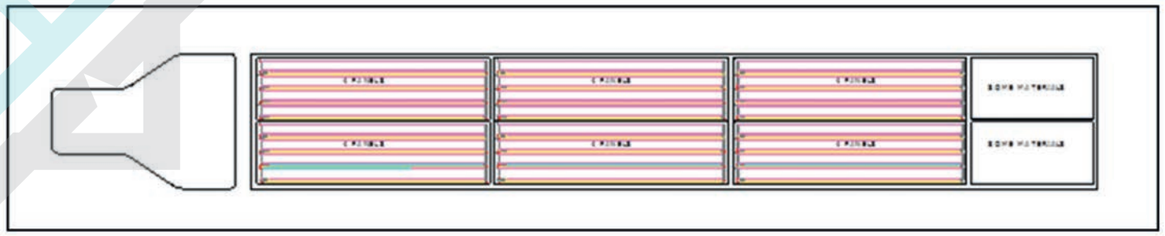


SHIPMENT

The shipment department oversees the dispatch of materials and installation coordination. After silicone curing, glass panels are placed on steel pallets reserved for dispatch based on the installation order outlined in the shop drawings.

Glazed panels are packed into steel crates with insulation pieces inserted between them to prevent damage from friction. Each pallet is labeled with the proper sizes and quantities.

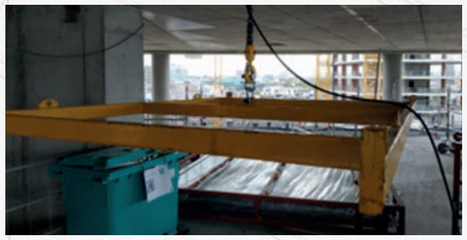


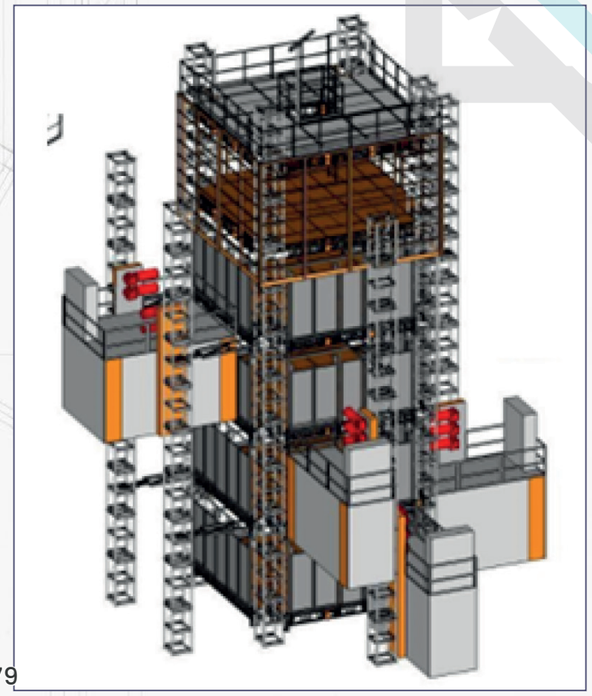


INSTALLATION

Upon unloading from trucks via forklifts, the elements are transported directly to the corresponding floors using construction elevators or freight elevators. Electric forklifts and rolling tables facilitate transportation within the floors.

Element pallets are conveyed using construction elevators, with clear internal dimensions coordinated with the packaging units. An electric chain hoist, operated from above, is used to transfer elements from pallets to element tables on the respective floors.



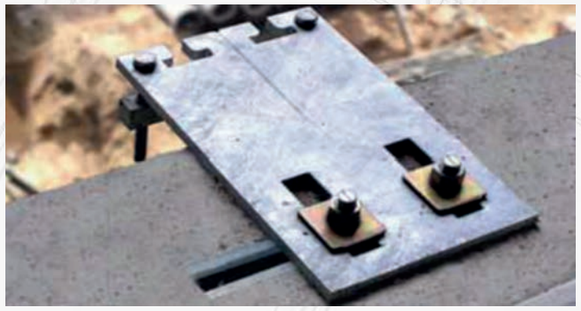


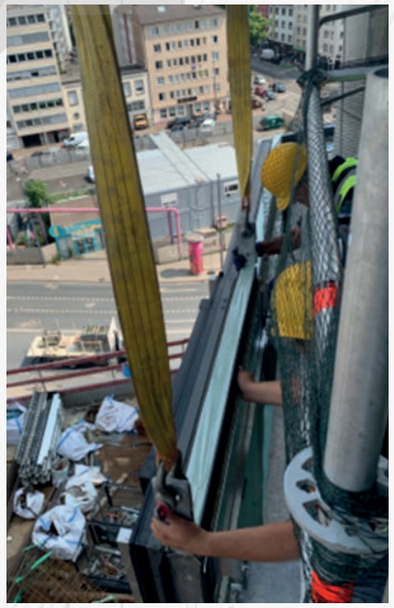
METHODS

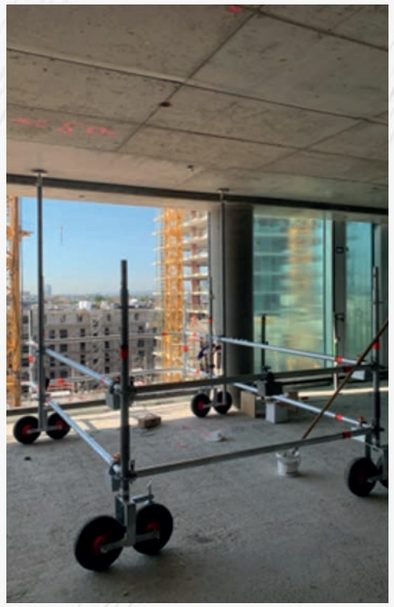
INSTALLATION

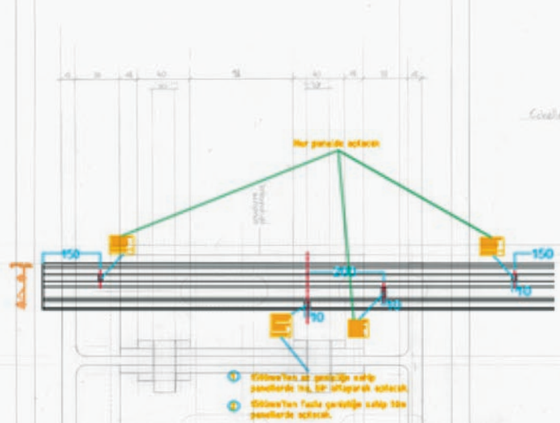
Standard elements are nstalled us ng a m n crane (sp der). Guardra ls are removed, and work areas are cordoned off w th barr ers. Assembly employs flat roof scaffold ng, w th wheels al gned parallel to the ce l ng edge. Protect ve scaffold ng s secured aga nst movement and t pp ng over us ng we ghts and braked double wheels.

Bracket nstallat on on the floor nvolves check ng holes dr lled on concrete slabs, mark ng anchor po nts on steel, nstall ng appropr ate anchors based on shop draw ngs, ensur ng proper pos t on ng, and f x ng w th nuts and bolts us ng torque keys.

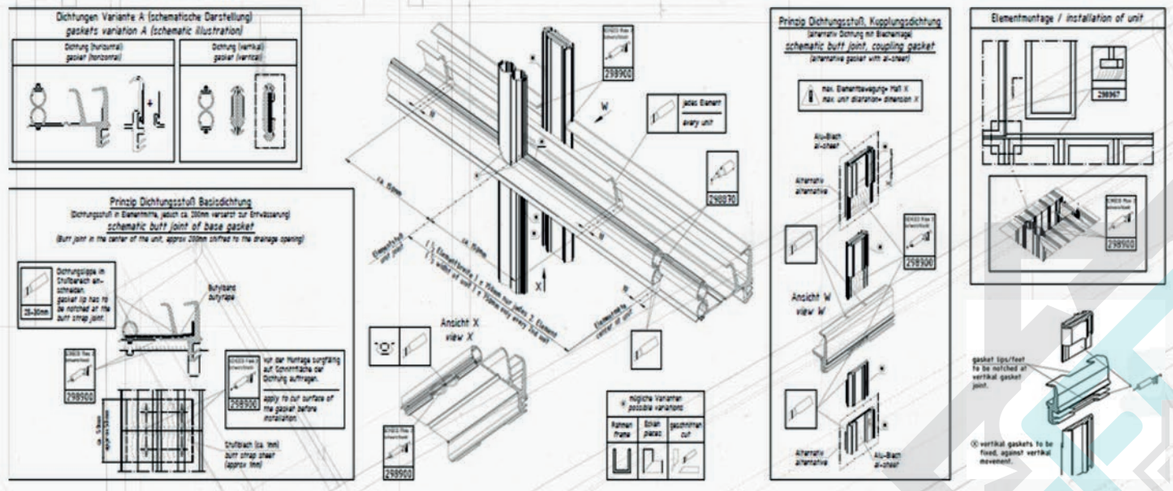


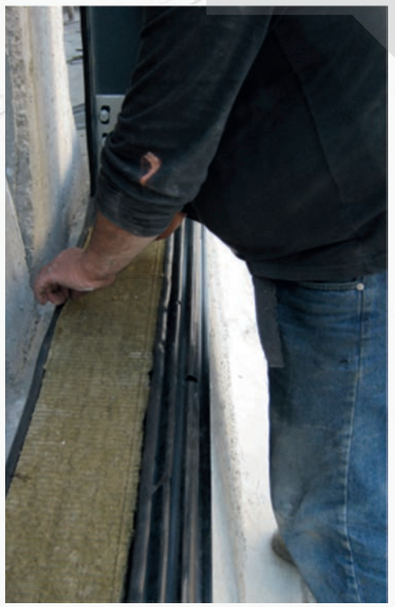






Saddle seals are installed following the sequence of elements, adhering to horizontal and vertical gasket joints and evacuation schemes. Accessories and fasteners required for panel installation are checked against the drawings, and all necessary actions are taken for installation. Working surfaces are coated with appropriate EPDM lubricant to facilitate smooth installation.

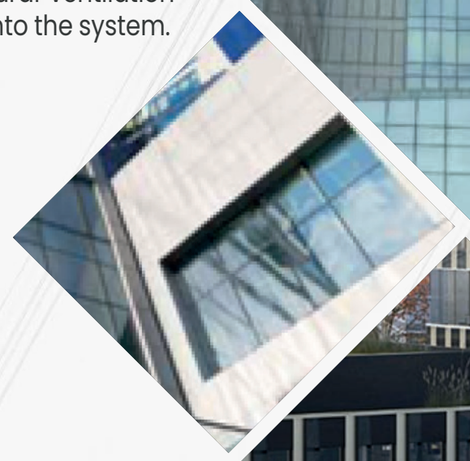




PROJECTS
MADE BY
EDUCA TEAM

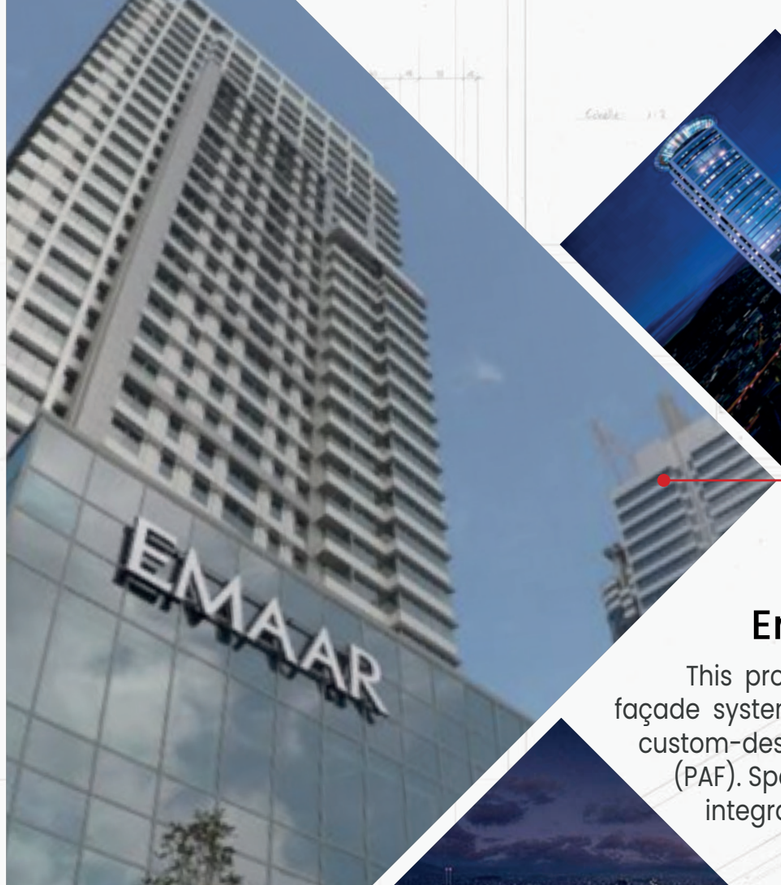
Plot 16 – Moscow

Constructed with a cassette silicone panel façade system, Renson-brand natural ventilation louvers are seamlessly integrated into the system.



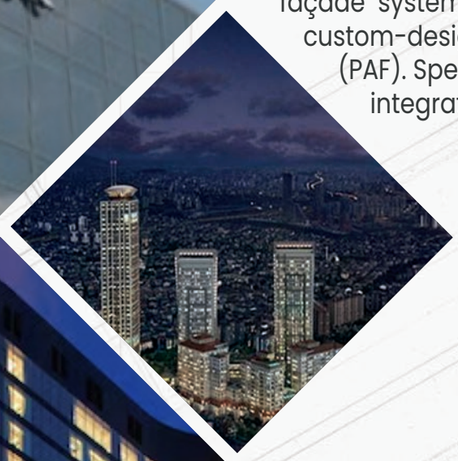
Therapoda

A double-skinned panel facade system with hinged covers is chosen for this project. Natural ventilation is ensured with Ventilation Vent blades, and a Varema brand motorized louvre system is incorporated.



Emaar Square-Istanbul

This project utilizes a structural silicone panel façade system. Natural ventilation is achieved with custom-designed louvers for parallel opening (PAF). Special anodized Noval S brand panels are integrated into the panel system.



Bomonti Hilton, Istanbul

A double-skinned panel facade system with hinged covers is chosen for this project. Natural ventilation is ensured with Ventilation Vent blades, and a Varema brand motorized louvre system is incorporated.

EDUCA

DESIGN | GROUP

FACADE ENGINEERING

www.educadesign.com

(+90)212 279 70 50

info@educadesign.com

MURAT BEY MERKEZ MH.
FABRİKALAR CD. NO:3
ÇATALCA / İSTANBUL