ES PREKAST

"Siz Hayal Edin, Biz Gerçekleştirelim"

GRC PRECAST FACADE SYSTEMS

www.esprekast.com

Contents

SOME OF OUR REFERENCES

GÖL ISTANBUL VILLAS

BİLGİÇLER KULLAR INSAAT

CHIEF PUBLIC PROSECUTOR'S OFFICE AND FORENSIC BUILDINGS

LİBYA ADALET BAKANLIĞI

FINANCE CITY ZIRAAT BANK

kalyon insaat

YALOVA RESIDENCE AND SHOPPING MALL PROJECT

ELEGANTPARK

RESIDENCES | GASTRONOMİ | ALIŞVERİŞ

RESADIYE HOUSING PROJECT

VIRIDIS

CAGALOGLU BUSINESS CENTER PROJECT

optimal Project Management

VARIOUS VILLA PROJECTS

KUBAMİMARLIK

CEYLAN ŞEHİRCİLİK - YAPI

VARIOUS VILLA PROJECTS

ARTSTYLE ARCHITECTURE DESIGN

VARIOUS VILLA PROJECTS

ZOOM YAPI

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Emrah GÜZELTEPE

22 Years of Experience in the Construction Industry and an Innovative Vision

Emrah Guzeltepe has become a recognized and reliable name in the field of exterior cladding with the founding of ES Precast Facade Systems in 2014. With a head office located in Esenler, Istanbul, and a factory in Gebze with 2,000 m^2 of indoor space and 1,500 m^2 of outdoor area, the company adds value to the industry by providing aesthetic and functional solutions. Guzeltepe's main objective is to undertake projects that prioritize quality and customer satisfaction.

Guzeltepe began his career in the construction industry in 2002 as a "Project Manager" at one of the leading companies in the sector. Over 11 years, he gained valuable experience working on various projects and proved himself as a trusted manager. As a member of a family business specializing in exterior facade and roofing applications both domestically and abroad, he further solidified his experience in the field. In 2013, with the growing importance of urban transformation in Turkey, he served as an "Urban Transformation Consultant," taking a significant step in broadening his vision for the sector.

His academic journey started with construction technical education at Zincirlikuyu ISOV Vocational and Technical Anatolian High School, followed by Civil Engineering studies at Yildiz Technical University and VFU Bulgaria.

With 22 years of experience, Emrah Guzeltepe continues to position ES Precast Facade Systems as a brand that offers reliable and innovative solutions for projects both in Turkey and abroad. His customer-focused approach and deep industry knowledge have made him a trusted designer and manufacturer in facade systems. Emrah Guzeltepe is married and a father to one daughter.

Our Mission

To provide an integrated exterior cladding service that covers design, production, and installation processes, utilizing our experience of over 20 years.

Innovative Horizons in Architecture: From Tradition to Future

Since 2013, ES Precast has played a pioneering role in the architectural sector, providing comprehensive services in facade design, production, and installation. Under the brand “ES Facade Consultancy,” we continuously enhance our services with the deep experience and expertise we have gained. By closely following innovations in the industry, our young and dynamic team offers innovative solutions to meet the complex and diverse needs of our clients.

Throughout every stage of our design process, we focus on meticulously bringing our clients’ requests to life. In addition to aesthetics and functionality, we consider critical factors like long-term value and customer satisfaction, delivering solutions that enhance the quality of life for our clients and end users. Our projects stand out in the industry as successful examples that bring dreams to life, with a perfect harmony of form and function.

In this process, we not only meet current needs but also aim to create value for future generations through our innovative approaches and sustainable material use. As ES Precast Facade, we strive to be a leader in the world of architecture and design, not just for today, but for the future as well. Our projects, designed to exceed the expectations of our clients and users, feature superior qualities in both aesthetics and functionality.

Our Vision

To add value to structures by offering innovative and aesthetic solutions in GRC facade design and application.

Design & Planning: Solutions Blended with Superior Technology and Design

At ES Precast, our architectural design and planning processes are built on the foundation of designing and producing every type of texture, shape, and form using advanced technologies. Our commitment to quality, creativity, and solution-oriented production allows us to develop sustainable and innovative solutions that meet our clients' expectations down to the finest detail. Throughout this process, our expert team works in close collaboration with our clients at every stage, developing customized solutions for each project.

This approach not only ensures that projects comply with existing architectural standards but also highlights the unique features and functional requirements of each project, maximizing long-term satisfaction for both users and clients. Designing our projects to meet not only the needs of today but also those of future generations requires us to continuously enhance our creativity and technical capabilities.

At ES Precast, we combine aesthetics and functionality in every project through innovative material selection and the use of advanced technologies. During this process, we emphasize techniques that minimize energy consumption and environmental impact, with the aim of creating sustainable built environments. Each architectural solution is designed to enhance the quality of life for clients and users, delivering results that are both functionally effective and visually satisfying.

What is GRC Precast? (Glass Fiber Reinforced Concrete)

Precast is a new-generation concrete system with a special composition that includes white cement, washed silica sand, alkali-resistant glass fibers, and chemical additives. It is applied by spraying into molds, internally reinforced with a steel frame system, and cured to enhance its strength. This system is produced in accordance with international standards.

Precast is used in various areas of the construction industry, including exterior facades, landscaping, and industrial applications. There are two main types: insulated precast products and shell panels. When answering the question “What is GRC Precast?”, it’s important to examine these two options in detail:

- Shell Panel: These are bare GRC applications with a thickness of 12-14 millimeters, without insulation properties. They are preferred in areas where insulation is not required. Due to their lightweight nature and fast production process, they save time.

- Insulated Precast Options: These play a significant role in providing thermal, sound, and water insulation, fire resistance, and enhancing living quality and comfort in structures. Insulated panels meet these needs and simplify the process, providing economic benefits by reducing construction costs. With a density of 50 kg/m^3 rock wool, they meet expectations thoroughly.

How is it Produced?

Precast production is a team effort that requires a high level of expertise, carried out with comprehensive analyses and a detailed engineering infrastructure. The process includes the following stages:

- Structure Analysis: The project is inspected on-site by experts. Needs are identified, the feasibility of customer requests is evaluated, and planning is conducted.

- Drawing & Design: Data is transformed into technical dimensions in a digital environment using professional software. GRC facade design is carried out with two- and three-dimensional drawings, production is guided, and a visual presentation is provided to the client.

- Mold & Frame: The molds used for casting can be made of wood, fiber, or silicone. The most suitable material is selected for the project. The mold determines the product's quality and surface smoothness, while the steel skeleton system is used to reinforce the panels and increase their durability.

- Casting: Expert personnel perform casting carefully by spraying into the molds using advanced technological equipment. Quality precast products are obtained when the appropriate conditions are met.

How is Installation Carried Out?

Installation involves placing the produced precast facade elements onto the building with millimetric precision, using steel support anchors and dowels. This stage, where the building gets its final appearance, consists of preparation, connection, and finishing phases.

- **Preparation:** Mobile or fixed crane systems are used to lift the precast panels, which are transported to the construction site, to the points where they will be attached. Mobile crane systems involve construction machinery, while fixed systems use rail and controlled crane equipment. Based on static calculations, appropriate rail installation is done, and after testing, it is put into operation.

- **Connection:** The panels are attached to the facade using steel connectors and dowels. These materials are manufactured after careful calculations and are zinc-coated to prevent rust and corrosion. Using a marking method known as “application,” axis and offset values are determined in advance, which significantly simplifies the process. Experienced personnel make the connections accurately using these values.

- **Finishing:** In the final step before delivery, silicone is applied to the joint gaps, and the facade is repaired and painted. Joint gaps should be between 8 and 10 millimeters. First, a filler material called “backer rod” is placed to prevent the silicone from splitting, followed by the application of a special silicone. This technique provides the panels with flexibility and movement capability, enhancing their durability. Surface defects are corrected with a polymer-based repair mortar, and then primer is applied. This step, called “inspection,” ensures that any unnoticed flaws are identified and corrected. Finally, the process is completed by using a specially developed paint for precast products, with color selection based on the client’s preference.

What Are the Advantages?

- Faster Construction Time: The precast method involves producing structural elements in the factory beforehand and transporting them to the construction site. This significantly speeds up the construction process. Once the elements arrive at the site, only the installation is required, making the construction process faster. This feature is a major advantage for large projects, situations with time constraints, or when rapid progress is needed due to seasonal impacts.

- Quality Control: Quality control is of critical importance from the start to the completion of a construction project. Considering the size, complexity, and outcomes of construction projects, addressing quality deficiencies can be challenging and costly. An effective quality control system aims to ensure successful project completion, enhance customer satisfaction, ensure reliability and durability, and minimize future issues.

- Lower Labor Costs: Labor costs usually account for a large portion of total construction project expenses. Reducing labor costs positively impacts the overall project budget, making it easier to stay within budget limits. Furthermore, lower labor costs provide opportunities for competitive pricing and the ability to take on more projects.

- Continuous Production: Continuous production ensures that construction project processes proceed without interruption. This enables efficient use of time and resources. Proper timing and coordination of labor, materials, and equipment are fundamental to the successful completion of projects. Continuous production reduces interruptions and idle times, allowing projects to be completed quickly and effectively.

- Higher Durability: High durability is a fundamental factor in enhancing the quality of construction projects. Structures need to be resistant to external factors to be reliable and long-lasting. Resistance to environmental factors such as earthquakes, wind, and water damage is critically important for the sustainability of structures and user safety. Additionally, structures with higher durability minimize future damages and reduce repair costs.

- Aesthetic Variety: Aesthetic variety aims to add value to the surroundings of construction projects, making them more than just functional structures. Creating aesthetic diversity by incorporating different forms, colors, materials, and details in building design gives an area a unique identity and character. Moreover, aesthetically appealing buildings can enhance the tourism potential of a region, improve people's quality of life, and increase the value of construction projects.

- Less Waste: Waste reduction is highly important for environmental protection and sustainability. Construction projects significantly impact material consumption and waste generation. Producing less waste helps conserve natural resources, reduce waste management issues, and prevent environmental pollution. Furthermore, waste reduction strategies can help reduce project costs.

- Better Insulation: Good insulation plays a critical role in achieving sustainability and energy efficiency in construction projects. Well-insulated buildings prevent external influences from entering indoor spaces, maintaining desired temperatures in both summer and winter. Reduced energy consumption leads to lower heating and cooling costs, while also helping minimize environmental impacts.

ES Precast (GRC) Technical Specifications
Technical Values

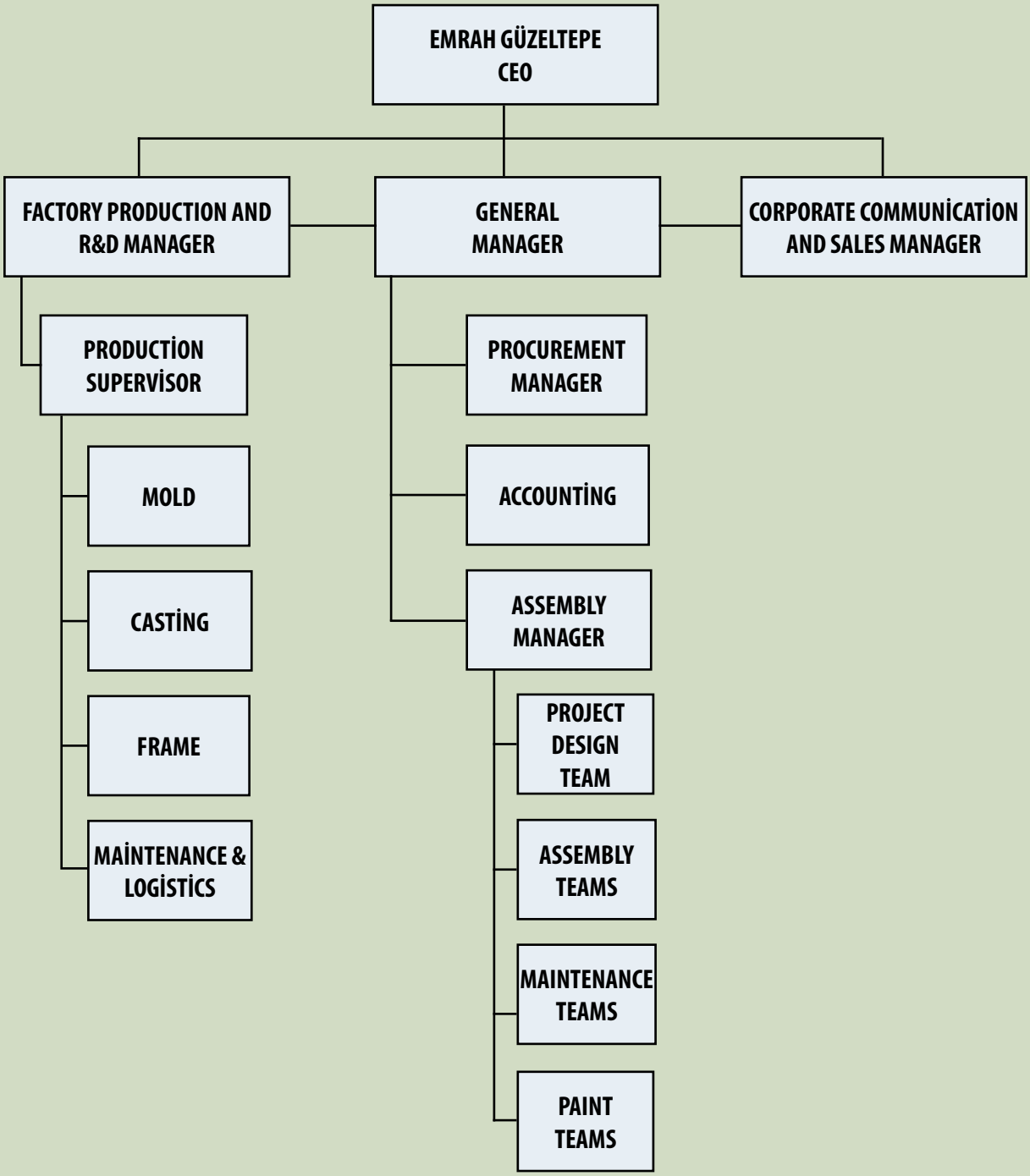
Thermal Conductivity:	0.5-1.0 W/m²°C at a density of 2000 kg/m³
Fire Resistance:	Stability and integrity are maintained; flames do not penetrate the structure. Heat on the protected side cannot exceed 140°C.
Wind Pressure	W = 100 kg/m², 8 mm thick plate - 0.80 m, 12 mm thick plate - 1.10 m.
Acoustic Values:	A 10 mm thick plate (20 kg/m²) has a value of 22 dB at 300 Hz.
Shell Thickness (Excluding Texture)	12-15 mm
Texture (Vertical Grooves) Thickness - Max:	12-20 mm, subject to the approval of the project architect.
Panel Construction Material:	Steel Box Profile
Construction Material Protection:	Electro Galvanized
Panel Unit Weight (Including Construction):	40-45 Kg/ m2
Color:	ubject to the approval of the project architect.
Panel Dimensions:	As per the project requirements

GRC Shell Panel Detail

Property	Symbol	Unit	Premix Sistem Grade 10 p	Spray Sistem Grade 18 p
Compressive Strength (fc)	fc	N/mm²	40 – 60	50 – 80
Tensile Strength (fct)	fct	N/mm²	5 – 10	5 – 10
Limit of Proportionality (LOP)	LOP	N/mm²	5 – 7	7 – 10
Modulus of Rupture (MOR)	MOR	N/mm²	8 – 12	16 – 22
Ultimate Strain (εu)	εu	‰	0.5 – 4	0.5 – 4
Impact Strength	–	Nmm/mm²	10 – 15	10 – 25
Modulus of Elasticity (E)	E	kN/mm²	10 – 20	10 – 20
Density (γ)	γ	kg/dm³	1.9 – 2.1	1.9 – 2.2
Thermal Expansion Coefficient (αT)	αT	T/°C	(1.0 – 1.5) x 10^{-5}	(1.0 – 1.5) x 10^{-5}
Thermal Conductivity (λ)	λ	W/mK	0.8 – 1.2	0.8 – 1.2
Thermal Transmittance Coefficient (U)	U	W/m²K	< 0.50	< 0.50
Fire Resistance (DIN 4102)	–	–	A1	A1
Shrinkage Value (εcs)	εcs	mm/m	1.0 – 2.0	1.0 – 2.0
Swelling Value (K)	K	mm/m	0.5 – 1.0	0.5 – 1.0
Water Absorption	–	%	3 – 15	3 – 15
Water Vapor Diffusion (μ)	μ	–	50 – 200	50 – 200

Insulated GRC Shell Panel Detail

ES PRECAST FACADE SYSTEMS
COMPANY ORGANISATION CHART



01 Lake Mansions Villa Project

Classical Architectural Elements:

Throughout the facade, classical European architectural features like columns and arched entrances are prominent. The columns add grandeur and prestige to the villa, while the arched structure harmonizes classical elegance with a modern approach.

The large arch used at the central entrance serves as a focal point, giving the building a strong character.

Color and Texture:

The dark gray tones we chose for the facade contrast with the white columns, offering a look that is both modern and stylish. This color palette ensures the villa fits well within its surroundings while maintaining a distinct aesthetic.

The dark tones convey a sense of solidity, while the white details balance this powerful appearance, making the structure more elegant.

Large Glass Surfaces:

The extensive glass panels used throughout the villa allow natural daylight to flood the interiors while adding a modern touch to the exterior. These glass surfaces also establish a strong connection with the pool and garden views outside, enhancing the indoor-outdoor continuity.

Balconies and Terraces:

The balconies extending across the upper floor offer expansive outdoor spaces to villa residents. The thin wrought iron details chosen for the balcony railings add elegance to the structure in harmony with classical elements.

The terraces provide wide areas designed to enjoy the outdoors, both aesthetically and functionally.

Pool and Landscaping:

The large swimming pool located in front of the villa serves as a symbol of luxury living. The surrounding greenery and palm trees create a Mediterranean atmosphere.

The landscape planning of the garden complements the elegance of the villa, creating a living environment integrated with natural elements.

Symmetry and Balance:

A symmetrical structure was chosen for the facade. The windows, balconies, and columns were arranged in a balanced manner, creating a harmonious appearance across the building. This symmetry adds aesthetic integrity to the building.

Conclusion:

In this villa design, we have combined classical architectural details with elements of modern living to create a grand and elegant structure. The villa stands out as a timeless design that offers both aesthetic appeal and comfortable, functional living.

Location : Hadımköy / İstanbul
Year : 2020

02 Tepekent Twin VillaProject

Classical Architectural Elements:

Columns and decorative details inspired by classical Greek and Roman architecture are used throughout the facade. The finely embroidered capitals placed on the columns add a prestigious and flamboyant air to the villa. The arched structures above the windows create a timeless aesthetic by combining classic with modern architecture.

Color Selection and Balance:

White and its shades were preferred on the exterior of the villa. This color choice gives the building a clean, spacious, and elegant appearance. The white color also accentuates the details on the facade, making the columns, window frames, and moldings more prominent. The contrast provided by the white color is in perfect harmony with the landscaping.

Large Glass Surfaces:

Large glass panels used throughout the villa add a modern touch and open up the interior spaces to the outside, allowing natural light to flood in. The glass panels create a strong visual connection between the exterior and the interior, helping to make the villa more open and inviting.

Terraces and Open Spaces:Large terrace and patio areas at the rear of the villa emphasize outdoor living. These areas complement the structure both aesthetically and functionally. The large patio by the pool provides an ideal outdoor area for both relaxation and social activities.

Symmetry and Balance:

A symmetrical layout was preferred throughout the facade. Columns, windows, and balconies were placed symmetrically, giving the building an aesthetic balance. This symmetry reinforces the elegance of the villa by giving it the orderly and eye-catching structure of classical architecture.

Garden and Landscaping:

The arrangement made with flowers and plants in the garden area harmonizes the building with its natural environment. The colorful flowers in the garden contrast with the white facade of the villa, creating a vibrant and dynamic atmosphere.

Conclusion:

The elegance of classical architecture is blended with modern touches in this villa, achieving a perfect balance in terms of aesthetics and functionality. Equipped with large open spaces and stylish details, the building offers its users a luxurious and comfortable living space.

Location : Büyükçekmece / İstanbul
Year : 2021

03 Büyükçekmece Villa Project

1. Classical Architectural Elements:

A prominent classical architectural influence is evident throughout the exterior facade. Columns are one of the key elements defining the character of the building, providing a grand atmosphere both at the entrance area and on the veranda. The arches and column capitals, especially at the front entrance, lend an elegant and prestigious touch to the villa, inspired by classical Greek and Roman architectural details.

2. Lighting:

In the night view, the lighting elements of the building come to the forefront. Strategically placed lighting highlights the columns and arches on the facade, giving the villa an impressive appearance throughout the night. This lighting design also makes the villa's surroundings safer and more inviting. The warm tones used in the lighting create an elegant atmosphere, balancing perfectly with the white facade.

3. Color and Material Selection:

The white color used on the villa's exterior reflects modernity and a clean look. The white color creates a timeless aesthetic by blending both classical and modern architectural sensibilities. The materials used on the exterior are high-quality and durable, offering an ideal solution both functionally and aesthetically.

4. Glass Surfaces:

Large glass surfaces were used in different parts of the villa to create a transparent connection between indoor and outdoor spaces. These expansive glass panels allow natural light to enter, making the living areas more spacious and bright.

5. Terraces and Open Spaces:

The villa features expansive terrace and veranda areas. The veranda, supported by columns at the entrance, provides an aesthetic and functional outdoor living space. The open areas by the pool are designed as ideal spaces for both social activities and relaxation.

6. Symmetry and Integrity:

The emphasis on symmetry in the facade is striking. Windows, balconies, and columns are placed symmetrically to achieve aesthetic balance on the facade. This symmetry gives the villa an elegant order, making it visually more appealing.

Location : Büyükçekmece / İstanbul
Year : 2019

04 Mardin Hotel Project

1. Cultural and Architectural Inspiration:

The Mardin Hotel project draws inspiration from the rich cultural heritage and traditional architecture of the region. The facade features elements reminiscent of Mardin's historical stone houses, with intricately carved stone details and arches that reflect the unique architectural identity of the area.

2. Material Selection:

Local natural stone was used extensively in the construction to create a sense of harmony with the surrounding environment. The warm hues of the stone blend seamlessly with the landscape, giving the building an authentic and welcoming appearance.

3. Courtyard Design:

The hotel includes an internal courtyard, a characteristic feature of traditional Mardin houses. This courtyard serves as a serene central space where guests can relax and enjoy the tranquil atmosphere, surrounded by the beauty of traditional architectural details.

4. Arched Windows and Balconies:

Arched windows and small balconies are prominent features of the hotel facade, adding to its charm. These features not only enhance the visual appeal of the building but also provide guests with beautiful views of the surrounding landscape.

5. Rooftop Terrace:

The rooftop terrace offers panoramic views of Mardin's historic skyline. The terrace is designed as a comfortable space for guests to enjoy the scenery, with seating areas that provide an ideal setting for relaxation and social gatherings.

6. Lighting:

Soft, warm lighting is used throughout the exterior to highlight the architectural details at night. The lighting design emphasizes the stone carvings and arches, giving the hotel a magical and inviting look after sunset.

Conclusion:

The Mardin Hotel project combines traditional architectural elements with modern comfort to create an authentic and luxurious experience for guests. By using local materials and incorporating design features inspired by Mardin's rich history, the hotel stands as a tribute to the cultural heritage of the region while providing all the amenities of a modern hospitality establishment.

Location : Midyat /Mardin
Year : 2022


Türk Telekom

05 Zonguldak Shopping Mall Project

While designing this hotel facade, we adopted an approach that balances functionality and aesthetics. The key elements we considered when creating this design were as follows:

Light Beige Colored Facade:

The main characteristic of this facade, which contains both modern and classical elements, is the use of a light beige color. This color highlights the elegance of the building while also providing a harmonious appearance with its surroundings.

Large Glass Surfaces

The wide glass panels on the ground floor enhance the connection between the building's interior and the outside, allowing ample natural light to enter. This ensures a bright and spacious experience for hotel guests.

Facade Cladding

The cladding materials used in the facade are notable for their durability and elegance. They protect the facade from adverse weather conditions while also providing a modern look.

Curved Structure at the Corner

The curved glass facades at the corners of the building enhance the fluidity of the design. This detail allows the building to present a dynamic and appealing visual rather than a static structure.

Horizontal and Vertical Elements

By adding vertical and horizontal lines to the facade, the height of the building is emphasized, while also achieving visual balance. These lines add a strong and sophisticated look to the building.

Our goal with this design was to ensure that the building contributes to the city's architectural fabric while providing a comfortable and stylish atmosphere for hotel guests.

Location : Zonguldak
Year : 2022


BARRELS AND OIL

06 Netherlands Moroccan Mosque Project

Facade Design

In this mosque building designed with GRC Precast panels, we created a facade that carries the original lines of modern Islamic architecture. We brought together both traditional and contemporary elements to deliver an aesthetic and functional structure.

Use of Traditional Patterns

Geometric patterns and Arabic-style motifs, inspired by Moroccan Islamic architecture, were used specifically for the mosque. These details on the facade give the building a historical and cultural touch, while these elements are blended with modern materials to present a form suitable for contemporary architecture.

Durability with GRC Precast

The GRC Precast panels used for the building's exterior facade contributed both in terms of durability and aesthetics. A long-lasting, low-maintenance building material was chosen, providing high resistance to weather conditions.

Use of Colors

Earth tones and natural colors, often seen in Moroccan architecture, were used to give the building a warm atmosphere. The distribution of three main color tones with natural and soft transitions along the facade contributed to the mosque's harmonious appearance with its surroundings.

Large Entrance Arch

The wide arched entrance on the facade stands out as a form frequently used in Islamic architecture. It creates a monumental entrance effect and signifies the magnificent atmosphere of the interior space. This arch serves as an aesthetic detail emphasizing the symbolic significance of the mosque.

Use of Glass Facades

To maximize the entry of natural light into the interior, large glass surfaces were preferred. This not only transforms the mosque into a bright and spacious structure but also stands out as an aesthetic choice for modern Islamic buildings.

Combination of Modern and Traditional

This mosque facade combines modern lines with traditional Islamic architecture. Vertical lines and minimalist details give the building a contemporary look, while arches, patterns, and the color palette reflect the richness of traditional Islamic architecture.

In conclusion, this mosque facade is a functional and aesthetic structure that brings together the cultural values of the Moroccan community living in the Netherlands with modern architecture.

Location : Hollanda
Year : 2020

07 Medina Dental Hospital Project

Architectural Identity and Regional Compatibility

In this project, we created an aesthetic that aligns with Medina's architectural traditions and regional character. Inspired particularly by Islamic architecture, we blended traditional architectural elements with a modern approach through arched designs and decorative details reflected on the facade.

Functional Design

Considering that the hospital is a healthcare facility, we aimed to align the spaciousness and tranquility of the interior with the exterior facade. To ensure patients and visitors could easily navigate the building, we used large windows on the facade, allowing ample natural light to flood the interior.

Decorative Facade Elements

Using GRC precast cladding, we created an elegant aesthetic with arched structural elements, columns, and geometric patterns on the facade. The carved patterns on the facade, in particular, established a texture symbolizing the historical and cultural essence of Medina.

Symmetry and Balance

We paid special attention to maintaining a symmetrical arrangement in the facade design. The symmetry of the arches, columns, and window alignments imparted a calm and orderly aesthetic to the facade, supporting the hospital's reassuring and professional image.

Material Selection

By using GRC precast material in the project, we created a facade that is both durable and aesthetically pleasing. The flexibility offered by precast materials allowed us to bring traditional patterns and details to life with modern production techniques.

Fusion of Modern and Traditional

The integration of both modern and traditional lines in the facade pays respect to the historical fabric of Medina while transforming the hospital into a contemporary structure. By combining wide windows and modern facade cladding with traditional column and arch details, we achieved a timeless aesthetic.

Natural Light and Interior Connection

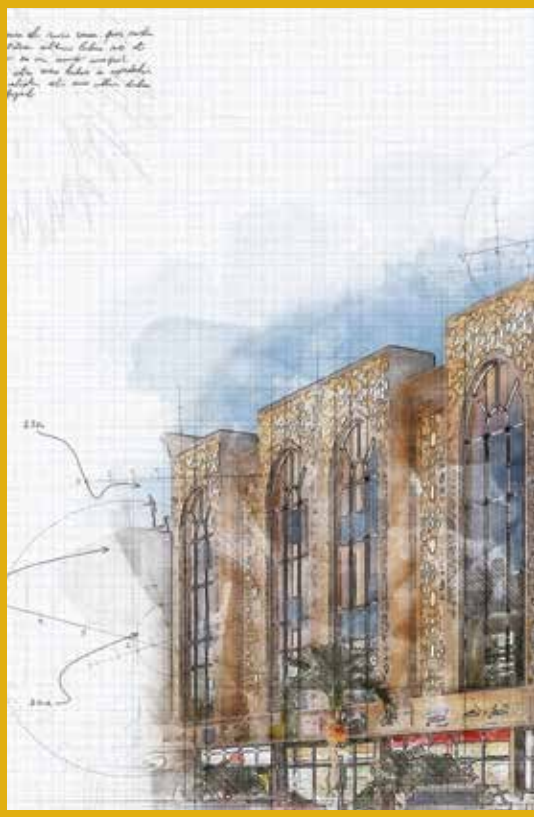
Through the use of large windows, we established a strong connection between the interior and the exterior facade. For patients and visitors, the bright and spacious interior created an atmosphere consistent with the quality of healthcare services.

This project serves as an architectural example that merges Medina's cultural heritage with modern healthcare services. We have created a structure that is balanced both functionally and aesthetically, while being in harmony with its regional context.

Location : Medine /Sudi Arabistan

Year : 2020

08 Jeddah Hotels Projemiz



Architectural Identity

Wide Arched Windows:

The wide arched windows on the hotel's facade maximize natural light intake inside while adding elegance to the hotel's exterior appearance.

GRC Precast Facade Cladding:

The decorative panels and details we created using precast material enhance the hotel's grandeur and luxurious perception. Additionally, they provide a long-lasting solution resistant to external factors due to their durability.

Symmetry with Rectangular Geometries:

The orderly and symmetrical placement of the windows gives the building a modern and organized look.

Decorative Lighting:

The decorative lighting we placed along the facade ensures that the building appears striking and prestigious throughout the night. The lighting particularly highlights the patterns and arches on the facade.

High-Ceiling Entrance:

The high-ceiling structure at the hotel's entrance evokes a sense of grandeur among guests and creates a more spacious feel.

Harmony of Modern and Traditional:

The modern elements we incorporated into the facade, combined with traditional motifs inspired by Arabic architecture, provide the hotel with an aesthetic that is both culturally appropriate and universally appealing.

Aesthetic Purpose

Decorative Motifs:

The traditional Arabic patterns we created using GRC precast panels ensure the building's facade aligns well with the local architectural identity.

Richness of Arches and Columns:

The details of the columns and arches add a refined touch to the building's facade, enhancing the luxurious perception of the hotel.

Symmetrical and Balanced Design:

The overall facade layout of the hotel offers a symmetrical and balanced visual experience, contributing to a more striking and professional appearance.

Eye-Catching Facade Lighting:

The yellow and warm-toned lighting used throughout the facade creates a warm and welcoming atmosphere for the building. It increases the hotel's visibility, especially at night, and adds an aesthetic contribution to the city.

Location : Cidde / Suudi Arabistan
Year : 2021


JEDDAH HOTELS


JEDDAH HOTELS
وزارة الاسكان و التعمير
JEDDAH HOTELS

09 Axu Hotel Project

Facade Layout

In this facade design, we emphasized the building's corner line by opting for softly curved corners. This choice adds a modern and elegant touch to the structure while leveraging the advantage of being a corner building to create an eye-catching aesthetic.

Color Selection

The predominantly white facade color gives the building a fresh and elegant appearance, while green accents (particularly window frames and balcony plants) create a natural contrast. This contrast enhances the hotel's sophisticated and welcoming atmosphere.

Balcony and Window Arrangement

The symmetrical arrangement of windows and balconies provides the building with a disciplined rhythm. The plants placed on each balcony highlight the comfort of the hotel, adding warmth and a natural element to the facade.

Facade Cladding

Using GRC precast cladding material, we provided durability to the building while creating a sense of depth with fine lines and shading details on the facade. This strengthens the hotel's modern design while ensuring the structure's longevity.

Hotel Entrance

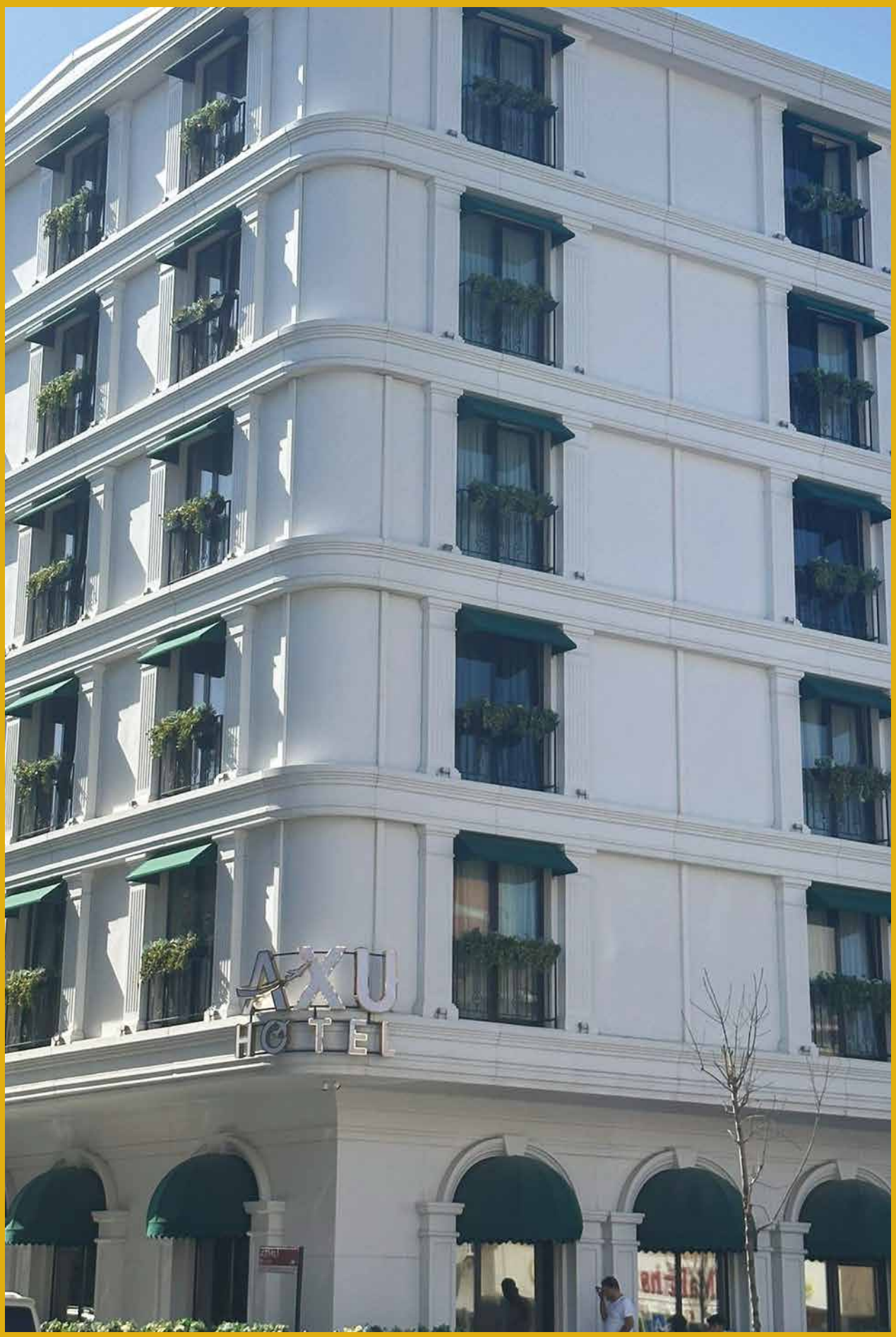
In the entrance area, we highlighted the hotel's identity with a large, eye-catching sign. The arched structures in the entrance section add a classic touch to the building, offering a nostalgic and innovative blend by incorporating modern elements.

Upper Section and Hotel Sign

The AXU Hotel sign at the top of the building is placed in harmony with the architectural structure and completed with an attention-grabbing design. The green accents used in the upper section align with the green window details in the lower part of the building, creating an overall sense of cohesion.

This design successfully differentiates Axu Hotel from other hotels in the city by blending modern elements with nostalgic details. We created a facade that is both aesthetically pleasing and functional.

Location : Arnavutköy / İstanbul
Year : 2022


AXU
HOTEL

10 Acarkent Beykoz Villa Project

Fusion of Modern and Classic Elements

We shaped the facade using GRC precast panels, blending modern lines with classical architectural details. This gave our villa an elegant and sophisticated appearance.

Fluid Forms

By using softly curved lines at the corners of our villa, we created a dynamic and attractive architectural expression.

White and Natural Tones

We chose a predominantly white color palette for the facade. White provides a fresh and clean look to the structure, balanced by natural tones to create an aesthetic that harmonizes with the surroundings.

Advantages of GRC Precast

By using durable and aesthetically rich GRC precast material, we provided a long-lasting and maintenance-free cladding for the facade.

Large Glass Surfaces and Natural Light

We used large glass surfaces in our villa to ensure that the interior spaces receive ample natural light. This contributed to making the living areas more spacious and bright.

Connection Between Interior and Exterior Spaces

Through glass panels, we established a strong visual connection between the interior and exterior spaces, allowing natural light and views to flow inside.

Symmetrical Layout

We used a symmetrical layout in the facade design to give our villa a balanced and orderly appearance. Windows, columns, and other details were placed symmetrically.

Visual Appeal

This symmetry provided the villa with a more attractive and professional image from an aesthetic standpoint.

Geometric and Classical Motifs

We enriched the facade with geometric patterns and classical motifs placed on the GRC precast panels. These details added an elegant touch to our villa.

Columns and Arches

The columns and arches on the facade brought classical elegance to the structure while maintaining harmony with modern design elements.

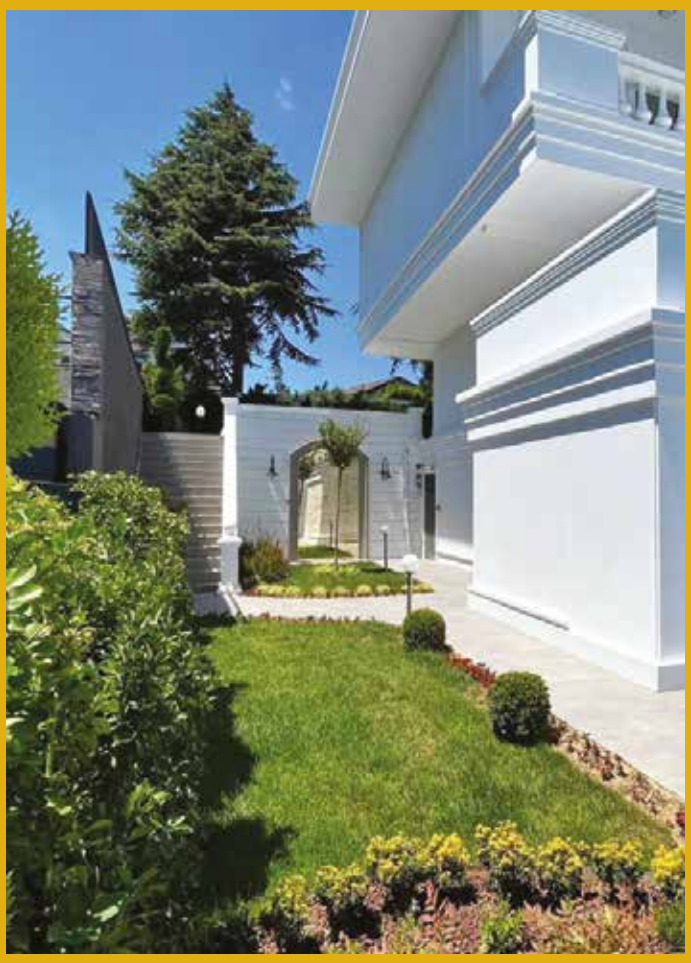
Inviting Entrance

We designed a spacious and inviting entrance to warmly welcome our guests. The columns and arches in the entrance area enhanced the prestigious and stylish look of the villa.

Functional Areas

We created functional areas in the entrance section, offering both an aesthetic and practical use.

Location : Beykoz / İstanbul
Year : 2021



11 Express Hotel Project

General Features of Facade Design

The long, straight lines used on the facade emphasize the height of the building, providing a modern appearance. The vertical columns created with GRC precast panels enhance the perception of solidity while offering an aesthetically striking texture.

Use of Glass and Light Transmission to Interior Spaces

We maximized the flow of natural light into the interior by using large windows on the hotel's facade. These expansive glass surfaces contribute a contemporary look to the building, while also presenting an open and inviting atmosphere when viewed from the outside.

Curved Corner Design

The rounded corners applied to the building provide visual softness, making the structure appear smoother and more elegant compared to sharp corner details. This design feature helps the building stand out among the surrounding structures.

Elegance in Facade Aesthetics

The GRC precast cladding used on the facade provides not only robustness but also an elegant texture. The details between the columns and slight projections add dynamism to the facade, preventing monotony.

Harmony of Functionality and Aesthetics

The main entrance of the hotel is highlighted by columns and large glass panels. The red awning and flag details create a focal point that enhances the prestige of the hotel. The ease of shaping GRC precast allowed us to bring both visual appeal and durability to the entrance section.

Color and Material Harmony

The combination of white GRC precast panels with dark glass creates a clean and elegant look. This color combination ensures the hotel blends harmoniously with its surroundings while also providing an eye-catching contrast.

Location : Arnavutköy / İstanbul
Year : 2022


EXPRESS
HOTEL

12 FRT Hotel Arnavutköy Project

General Facade Design

The building's facade design combines modern and classical elements, creating an architectural presence that stands out in the city. The combination of high glass panels gives the facade a modern sense of transparency, while classical details supported by precast columns lend the structure an elegant and sophisticated look.

Use of GRC Precast

The GRC precast material used for the facade cladding was chosen for its durability and the ability to create intricate details. Columns and arches were crafted from precast material to emphasize the building's classical details. The precast material provided a high-quality surface throughout the building, offering a long-lasting, low-maintenance solution.

Impact of Glass Panels

The large glass panels give the facade a bright and modern appearance while also allowing natural light to enter. The harmonious combination of glass and precast details achieves a balance between transparency and solidity on the facade.

Aesthetic Contributions

The precast column and arch details used on the facade enhance the classical architectural elements of the building, adding aesthetic richness. The building's height and facade proportions present a commanding and prestigious appearance in the city. The large window design at the hotel entrance, in particular, provides both a functional and impressive touch.

Emphasis with Lighting

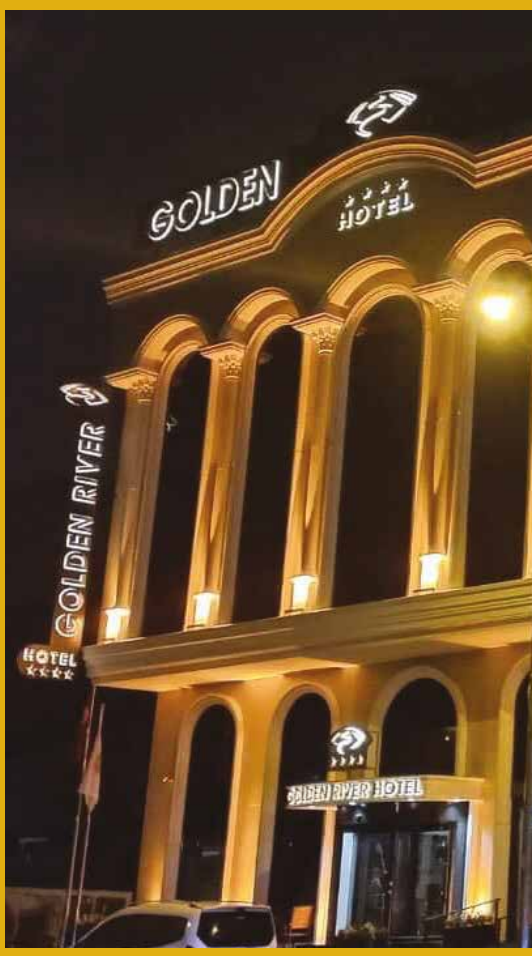
For the building's nighttime appearance, lighting elements were used to highlight the arches and columns on the facade, enhancing the elegance of the structure. The lighting ensures that the precast details remain striking even at night.

By blending modern and classical elements with GRC precast material, we created a facade that is both aesthetic and functional. The elegant lines of the structure integrate into the city while also becoming a distinctive landmark.

Location : Arnavutköy / İstanbul
Year : 2020


FAT AIRLINES
OTEL

13 Golden River Hotel Project



Neoclassical Architectural Influences

The arched windows used on the facade of Golden River Hotel reference the neoclassical era, contributing to the prestigious image of the hotel. The tall and slender columns further enhance the elegance of the building.

Precast Facade Details

The GRC precast cladding used on the building's exterior adds both durability and aesthetic appeal to the facade. The columns and arch details provide depth to the facade.

Tall Windows

The floor-to-ceiling window design allows ample natural light to enter the hotel's interior, while also making the facade appear visually more expansive.

Highlighting with Nighttime Lighting

The use of yellow and orange tones in nighttime lighting accentuates the hotel's aesthetic details and gives it a striking appearance throughout the night. This creates an inviting atmosphere during the evenings.

Harmony of Modern and Classical

The hotel's facade was designed by harmoniously combining modern glass surfaces with classical columns and arches. This combination gives the hotel both a contemporary and historical atmosphere.

Facade Color Harmony

The beige-toned facade cladding provides the hotel with a warm and modern atmosphere. These tones also offer an aesthetically pleasing contrast, blending smoothly with the surrounding buildings.

Emphasis on the Entrance Area

The columns and arches surrounding the entrance highlight the main entrance of the hotel, drawing guests' attention and creating an inviting feel.

These architectural features contribute to Golden River Hotel's prestigious and elegant exterior appearance. The hotel's architecture combines both modern design sensibilities and classical details, resulting in a unique facade.

Location : Arnavutköy / İstanbul
Year : 2022


GOLDEN
RIVER
HOTEL
GOLDEN RIVER
GOLDEN RIVER HOTEL


GOLDEN
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GOLDEN RIVER
GOLDEN RIVER HOTEL

14 Hollanda Villa Project

Classical Architectural Touches

The villa stands out with columns, symmetrical facade layout, and elegant details that reflect the grace of European classical architecture. These elements give the building a sophisticated and opulent appearance.

Spacious Terraces and Balconies

The expansive terraces located both at the main entrance and on the upper floors emphasize outdoor living spaces, providing a sense of openness. These balconies are supported by classic railing designs.

High Ceilings and Large Windows

The high ceilings and large windows of the building ensure that the interior spaces are bright and airy. The arched forms used in the windows provide a look that complements the classical style of the structure.

Use of GRC Precast

Thanks to the precast materials, the villa has a durable and aesthetically superior exterior facade. The fine craftsmanship in the details makes the classical architectural elements of the building stand out.

White Tones on the Facade

The white tones chosen for the villa's facade create a clean and elegant appearance. They also reflect sunlight, allowing the building to blend harmoniously with its surroundings.

Column Details

The details provided by GRC precast material in the columns and decorative elements give the building an expression that is both elegant and strong.

Aesthetic Commentary

Symmetry and Balance

The use of symmetry in the facade layout creates an aesthetically pleasing arrangement. The prominence of the central entrance strengthens the inviting character of the structure.

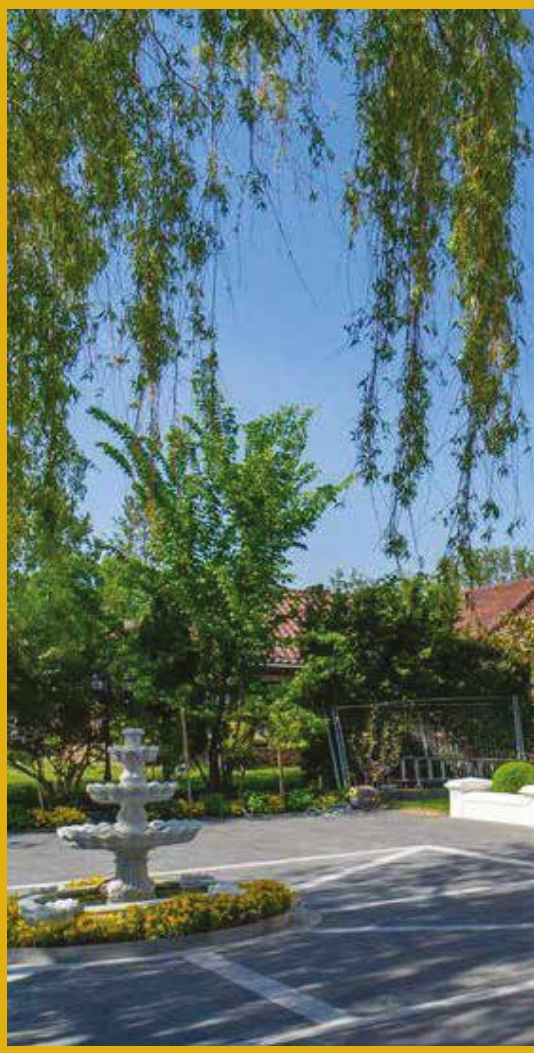
Harmony with the Environment

The villa's green landscaping and simple architectural design create a harmonious unity with its surroundings. The landscaping arrangements support the calm and peaceful atmosphere of the villa.

Luxury and Functionality

This villa is designed to be both aesthetically pleasing and functional, combining classical architecture with the needs of modern living to provide a luxurious living space for its users.

This villa project is enriched with aesthetic refinements and strong architectural details. The GRC precast material used on the exterior facade crowns the project by offering both durability and visual appeal.



Location : Lahey / Hollanda
Year : 2019

15 Yeşilay Building Project

Classical Architectural Details

The arched windows used in the building are one of the elegant elements of classical architecture. These windows preserve the historical texture of the structure while providing a harmonious appearance with modern buildings. The precast details surrounding the windows add depth to the facade, giving it a more sophisticated atmosphere.

Use of Precast Material

The precast elements used in the facade design enhance the building's aesthetic durability and robustness while also providing a look completed with fine craftsmanship. The clean and sharp lines provided by precast ensure a homogeneous appearance on the building surface.

Symmetry on the Facade

The building's design features noticeable symmetry. The balanced arrangement of both the windows and other structural elements strengthens the aesthetic harmony of the facade. The balcony detail in the central section and the protruding cornices above it add dynamism to the structure.

Harmony of Modern and Classical on the Building Facade

This facade, where classical details are combined with a modern design approach, brings together historical and contemporary architectural trends. The large glass showcase used in the lower section, in particular, stands out as an element balancing the building's modern functionality with classical aesthetics.

Color Palette

The light-toned colors used on the facade provide the building with an elegant and clean appearance. This color choice offers an aesthetic touch that harmonizes well with the surrounding structures.

Aesthetic Contribution of GRC Precast Elements

The GRC precast elements used in the facade cladding add an aesthetic dimension to the facade with both their durability and fine craftsmanship. The arched windows and column details showcase a successful example of using this material.

The facade design of the Yeşilay building offers an elegant appearance by blending modern functionality with classical aesthetics. The precast details and symmetrical arrangement of the building stand out as a successful application in both aesthetic and functional aspects.

Location : Cağaloğlu / İstanbul
Year : 2022


DİŞ HEKİMİ


YESTDAY
DİŞ HEKİMİ
Vildan Yontaç
Tel: 0212 223 80 63
Sefa

16 Bağdat Avenue Apartment and Business Center Project

Our Bağdat Avenue Apartment and Business Center Project in Kadıköy was completed with GRC panel cladding. We can evaluate our project from an architectural and aesthetic perspective as follows:

Exterior Facade Design

The facade covered with GRC panels brings together both classical and modern lines. The building's exterior facade has been enriched with symmetrical arrangements and details.

Architectural Identity of the Structure

The deep lines and details on the facade add an elegant aesthetic to the structure. These details enhance the building's identity on the avenue, making it more noticeable.

Facade Elements

The embossments, window decorations, and balcony railings used on the facade provide an aesthetically rich appearance. These elements, which bear traces of traditional architecture, combine with modern details to create a balanced look.

Balance of Glass and GRC

The expansive glass surfaces give the building a contemporary feel, while the solid and aesthetic structure of the GRC panels serves as a balancing element. This combination allows natural light to enter the interior while giving the exterior a modern appearance.

Use of Materials

The lightweight nature of GRC panels reduces the load on the structure, ensuring the building is durable and long-lasting. This material, which allows for fine and sharp detailing on the facade, also adds an elegant look to the project.

This project, located in a prestigious area like Bağdat Avenue, stands out as an eye-catching business center and apartment.

Location : Kadıköy / İstanbul
Year : 2022

17 Milad Gold Store Project

In our facade design for a prestigious jewelry store in Istanbul, you can notice the blend of classical elements with modern lines.

Classical Architectural Elements

The building features columns and capitals that draw attention. The intricate carvings on the top of the columns reflect influences from classical Greek and Roman architecture. The embossments around the windows add an elegant and luxurious feel to the building. The prominent symmetry in the facade enhances the grandeur and balance of the structure.

Material and Color

The GRC precast material, with its natural stone-like appearance, gives the building an impression of solidity and permanence, while also providing top-tier aesthetics. The color palette is quite simple and sophisticated; shades of gray and beige convey both a classical and contemporary feel, clearly appealing to the high-end target audience of the store.

Store Entrance

We designed the store's entrance door to be wide and tall, allowing the products inside to be impressively displayed in the window through large glass panels. The large "MILAD" sign above the door, written in a simple yet striking font, highlights the prestige of the brand.

Layered Design

The building's vertically layered structure, with window frames and details on the upper floors, adds depth to the facade. This design choice creates a dynamic effect, avoiding a monotonous look and adding movement to the building.

Location : Nuruosmaniye / İstanbul
Year : 2022

18 NK Hotel Arnavutköy Project

In this hotel project, we used GRC Precast panels for the exterior cladding, creating a structure that stands out both aesthetically and in terms of durability. We can evaluate the facade from an architectural and aesthetic perspective as follows:

Classical Architectural Details

The GRC panels used on the building's exterior facade are designed with inspiration from classical architecture. Particularly, the column capitals and arches add a prestigious and historical atmosphere to the structure. These elements achieve a balance by merging traditional architectural lines with a modern building.

Vertical Lines on the Facade

The vertical lines used on the facade emphasize the height of the structure while also providing an aesthetic rhythm. These lines convey continuity and order on the facade, allowing the eye to easily scan the entire building.

Fine Craftsmanship in Details

The decorative embossments and patterns on the facade panels offer a rich level of detail. Thanks to the flexibility of GRC, these intricate details provide both durability and visual richness.

Use of Glass Panels

The use of large glass surfaces on the lower part of the building adds modernity to the structure. These glass surfaces soften the transition between interior and exterior spaces, offering a spacious view and providing transparency on the facade.

Highlighted Facade Details with Lighting

The lights used in nighttime illumination highlight the facade details of the building. Columns, arches, and decorative panels become more prominent with the lighting, making the structure eye-catching both during the day and at night.

Fusion of Modern and Classical

By using modern materials like GRC panels, we successfully combined traditional architectural elements. The overall aesthetic of the building is enriched with both modern lines and classical details.

This hotel project perfectly reflects the aesthetic and durability features offered by GRC, resulting in a timeless design.

Location : Arnavutköy / İstanbul
Year : 2024

19 NK Villa Project

In this villa project, we applied a GRC precast panel cladding designed with elegant details that highlight modern architecture on the exterior facade. The aesthetic and durability features provided by GRC gave the villa's exterior a sophisticated and long-lasting appearance.

With the GRC precast cladding used in our villa project:

Harmony of Modern and Classical Lines

We created an aesthetic exterior facade that combines both modern and classical details, in line with the architecture of the building using precast panels.

Permanent Solution and Durability

With the high durability offered by GRC precast panels, we designed the exterior facade to withstand the test of time.

High Thermal and Acoustic Insulation

Our precast panels contribute significantly not only aesthetically but also in terms of thermal and sound insulation.

Attention to Detail

The finely crafted panels provide stylish and elegant touches in the villa's facade details, adding value to the overall appearance of the building.

In this project, we provided an exterior facade solution that meets the villa owners' needs and aesthetic expectations at the highest level. Thanks to the flexible design features of GRC, the villa achieved a chic and harmonious structure with its surroundings.

Location : Arnavutköy / İstanbul
Year : 2024 DEVAM EDİYOR

20 Göktürk Villa Project

By using GRC precast panels on the exterior facade of this villa, we achieved an elegant and modern look. This material supports the villa's contemporary architectural language while also standing out for its durability and longevity.

Aesthetics and Functionality

With GRC precast panels, we provided both an aesthetic and functional solution. The villa has acquired a modern yet timeless appearance.

Material Quality

GRC panels offer flexibility and durability, ensuring problem-free use on the exterior facade for many years. We chose this material to maintain its original condition without cracking or wear for years.

Precision in Details

On the villa's facade, particularly at the corners and floor separation details, we achieved an excellent result thanks to the flexibility and fine craftsmanship of the precast panels. The surface texture of the panels emphasizes the simple and elegant lines throughout the structure.

Climate Resilience

Since GRC precast material is resistant to all kinds of weather conditions, the villa's exterior facade will be protected for a long time. GRC precast performs excellently in both hot and cold weather conditions.

Eco-Friendly and Economical Solution

With its lightweight and eco-friendly nature, GRC precast provided an economical solution in both transportation and installation processes.

The modern and elegant appearance we achieved on the exterior facade of this villa will maintain its value in terms of aesthetics and functionality for many years to come.

Location : Göktürk / İstanbul
Year : 2024

21 Tepekent 3 Villa Project

Classical Architectural Lines:

The precast panels chosen for the villa's facade provide a simple yet elegant appearance. Straight lines and simple geometric forms offer a refined aesthetic suitable for modern living spaces.

Durability with Precast Cladding

The GRC precast panels add both aesthetic value and long-lasting durability to the facade. These panels offer high resistance to weather conditions and external factors while also enhancing the villa's prestige.

Rich Details

The forms used in cladding applications, especially in corner details and around windows, add richness to the structure. These details contribute to giving the villa a more elegant and sophisticated appearance.

Harmony with Natural Light

The large and wide design of the windows makes the villa's exterior facade bright. This allows daylight to easily enter the interior while providing a spacious atmosphere on the exterior.

Symmetrical and Balanced Appearance

The overall design of the structure emphasizes symmetry and balance. This architectural order ensures a sophisticated and cohesive aesthetic appearance for the villa's facades.

Location : B.Çekmece / İstanbul
Year : 2021

22 Dudu Bakery Sultanahmet Cafeteria Project

For this cafeteria in Sultanahmet, we designed a facade using GRC Precast cladding that is both aesthetically pleasing and in harmony with the historical texture, resulting in an eye-catching work.

Suitable for Historical Texture - Classical Details

To blend with the historical architecture of the area where the cafeteria is located, we added classical columns to the facade. These columns not only provide an elegant look but also integrate seamlessly with the surrounding environment.

Bright and Inviting Display Windows

We highlighted the interior of the space with wide and bright display windows. Thanks to the large glass surfaces, we successfully created a spacious and inviting atmosphere from the inside out.

Strength and Elegance of Precast

By using GRC Precast, we added both durability and elegance to the facade. This material stands out for its long-lasting properties and resistance to external factors.

Use of Color and Light

The Precast cladding in white tones blends with the surroundings while also offering a clean and sophisticated appearance. The details on the columns, in particular, become more prominent under nighttime lighting, creating a stylish atmosphere.

Outdoor Design Supporting Customer Space

The seating areas we created in front of the cafeteria enhance the outdoor experience and were completed with elegant and simple furniture. This outdoor design combines comfort and style, providing an ideal environment for customers.

In this project, we successfully added a modern touch to the historical atmosphere of Sultanahmet. The facade design of the cafeteria combines both classical and modern elements, strengthening the character of the venue.

Location : Sultanahmet / İstanbul
Year : 2024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BAKERY | COFFEE

23 Elegant Park Yalova Project

For this prestigious residential and shopping center project in Yalova, we completed the exterior facade using GRC precast panels. We can evaluate the successes and contributions we achieved throughout the project as follows:

Aesthetic and Modern Appearance

Thanks to the flexibility offered by GRC, we shaped the facade design with a modern approach. GRC facade cladding, in harmony with large glass surfaces and metal details, provided a sophisticated look to the project. GRC panels, perfectly blending with natural textures, complemented the modern architecture of the buildings.

Use of Lightweight and Durable Material

The lightweight nature of GRC not only added an aesthetic touch to the facade but also provided strength and durability without adding extra load to the building. This lightness of GRC contributed to the long lifespan of the buildings without stressing the load-bearing systems.

Success in Implementing Complex Details

The detailed curves, rounded corners, and delicate elements in the facade design were seamlessly realized thanks to the workability of GRC material. We meticulously applied these intricate details to meet the aesthetic expectations of the project.

Fast and Efficient Application Process

By pre-producing GRC panels in the factory, we achieved a rapid installation process onsite. This contributed to the project's completion timeline, allowing us to deliver the project on schedule and at the planned quality standards.

Environmental Durability

Thanks to the high durability of GRC, the structure was protected against environmental conditions in the region (such as humidity, temperature changes, and wind). By offering a long-lasting and maintenance-free facade solution, we added value to the project.

Natural Texture and Color Options

Using the wide range of color and texture options offered by GRC, we added aesthetic depth to the project. Texture and color tones inspired by natural stone made the project harmonize with its surroundings.

In this project, our GRC facade cladding system, which provides both functionality and aesthetics, brought the modern and prestigious identity of the structure to the forefront. We take pride in using the advantages of GRC effectively, providing the project with a durable, elegant, and long-lasting exterior facade.

Location : Yalova
Year : 2024

24 Viridis Reşadiye Konakları Project

In this project, large glass surfaces and exterior claddings with fine details stand out, used harmoniously with natural materials. The GRC (Glass Fiber Reinforced Concrete) claddings used on the facades of the villas offer a significant advantage in enhancing both aesthetics and durability in modern architecture. In these projects:

Aesthetic and Modern Lines

The exterior facade designs created with GRC panels add an elegant and minimalist look to the projects. The flexible nature of GRC, with sharp lines and smooth transitions, provides a distinct aesthetic for both villas.

Functionality and Durability

The solid structure of GRC provides high resistance to external factors, while also creating a facade in natural tones that blends with the surroundings of the villas. This feature ensures a long-lasting exterior facade while minimizing maintenance requirements.

Wide and Modern Openings

The GRC claddings used alongside large glass facades strengthen the connection between the interior and exterior spaces, allowing nature to flow inside.

Special Textures and Colors

The GRC panels used on the villas' exterior facades add a sophisticated touch to the projects with a natural stone-like texture.

By offering both aesthetics and durability in such projects, we aim to add value to the villas in terms of functionality and aesthetics.

Location : Çekmeköy / İstanbul
Year : 2023

25 Göl İstanbul 97 Villas and Social Facilities Project

Material Quality

GRC panels offer high durability and longevity, providing an aesthetic visual on the exterior facades while also offering superior protection against weather conditions.

Design Compatibility

The elegant texture and fine craftsmanship of GRC material are in perfect harmony with the modern architecture of the villas. The panels used in the project enhance the overall aesthetics of the structure, highlighting the architectural details.

Natural Appearance

The natural texture of GRC panels integrates with the surrounding landscape, giving the villas a modern yet natural atmosphere. This allows the residents to enjoy both elegance and nature simultaneously.

Customizability

The GRC panels applied to different parts of the villas were shaped according to needs, offering project-specific solutions. As a result, each villa achieved a unique identity in terms of both aesthetics and functionality.

Long-lasting Use

Thanks to the durability of GRC material, the exterior facades of these villas will maintain their initial elegance for many years with minimal maintenance.

In this project, we used the flexible nature of GRC in the most efficient way to achieve an outcome that is superior in terms of both aesthetics and functionality.

Location : B.Çekmece / İstanbul
Year : 2022

26 Golden Horn Hotel Project

We brought the Golden Horn Hotel project to life by using GRC cladding materials on the exterior. The aesthetic details and solid structure of the hotel's facade allowed us to achieve a harmonious look with modern architecture. Here are some of the prominent features:

Structural Design and GRC Panels

GRC panels were chosen for the building's facade to enhance durability while also providing an aesthetic appearance. The high strength of GRC will ensure that this structure remains durable for many years.

Harmony of Classical and Modern Elements

Round arches and columned details in a classical style were blended with the hotel's modern lines, creating a balanced visual contrast. This design leaves an impression on guests that is both elegant and sophisticated.

Window Details

Large and symmetrical windows, along with the light-colored surface of the exterior, reflect the hotel's bright and airy atmosphere. GRC cladding was also used around the windows, maintaining consistency in the design.

Layered Architecture

The architectural elements on each floor were carefully placed. The upper floors were designed to be in harmony with the details on the lower levels of the facade, effectively emphasizing the building's height and volume.

Strong and Elegant Facade

The durability offered by GRC material provides a long-lasting solution for the building, while its refined texture enhances the luxurious and prestigious appearance of the hotel.

Location : Sirkeci / İstanbul
Year : 2024

27 Libya Ministry of Justice Project

Use of Classical Architectural Elements

The building's facade incorporates columns, embossed motifs, and layered facade arrangements that reflect classical architecture. This adds a grand and authoritative atmosphere to the structure, while also providing a design befitting an official government institution.

Symmetry and Order

Symmetry dominates both facades of the building. This orderly design gives the building a balanced and aesthetically strong appearance. The windows and decorations on both facades mirror each other, creating a cohesive aesthetic.

Application of GRC Precast Panels

GRC panels were chosen for this building due to their lightweight and durable nature. This application ensures the building's longevity against weather conditions and allows for the clear representation of architectural details.

Color Selection

The use of white and cream tones emphasizes the formal and elegant nature of the building. This color choice supports the structure's clean, modern, and serious stance.

Prominent Details

Key details, such as the column capitals, window frames, and entrance section on the building's facade, were finely crafted using GRC panels. These details enhance the building's architectural identity and aesthetic value.

Monumental and Prestigious Appearance

The facade adorned with classical elements gives the building a prestigious and grand atmosphere. The large entrance door, symmetrical window layout, and decorative elements underline the building's status as a respected public institution.

Minimalist Details and Sophisticated Lines

The combination of simplified lines from modern architecture with classical details creates a sophisticated appearance. A design language enriched with details was chosen without going overboard.

Lighting Potential of the Structure

The prominent lines on the facade are further highlighted with nighttime lighting, offering an aesthetic visual appeal. The smooth surfaces of the GRC panels reflect light beautifully, ensuring the building stands out even at night.

Majestic and Functional Facade

The building's design takes both majesty and functionality into account. GRC panels add both a refined aesthetic and durability to the structure.

Location : Tripoli/ Libya

Year : 2022

28 Libya Ministry of Justice Project

While working on the exterior GRC panel cladding of the Libya Ministry of Justice building, we prioritized aesthetic and architectural values. Here are the main aesthetic and architectural contributions we made in this project:

Symmetry and Balance

We maintained a symmetrical design on the building's facade, giving the structure a strong and balanced appearance. The arrangement of horizontal and vertical elements created an impressive balance from both an aesthetic and architectural perspective.

Harmony of Classical and Modern Elements

We enhanced the grandeur of the building by blending the elegance of classical architecture with modern GRC precast technology. Classical touches such as oval windows and straight lines were perfectly harmonized with the use of modern materials.

Precision in Details

We designed the GRC panels with careful attention to details to give the facade a unique texture. The fine craftsmanship in panel transitions ensured that the facade looked both high-quality and prestigious.

Functional and Durable Structure

We achieved a facade that is both aesthetic and functional. The GRC panels, with their long-lasting, durable, and weather-resistant properties, extended the building's lifespan while also giving it a prestigious appearance.

Architectural Emphasis with Lighting

The exterior lighting we applied to certain areas of the building highlights its aesthetic elements, especially at night. This added visual richness to the structure and made it a noticeable landmark in the city skyline.

A Modern and Elegant Identity

The overall design gave the Libya Ministry of Justice building a modern and elegant identity. The white and light-toned GRC panels provided a clean and sophisticated look, helping the structure stand out from the surrounding buildings.

In conclusion, in this project, we successfully combined functionality and aesthetics, giving the Ministry of Justice building a strong, stylish, and durable exterior facade.

Location : Tripoli / Libya
Year : 2024 DEVAM EDİYOR

29 Yeşilyurt Apartment Project

1. Malzeme Seçimi:

Cephenin genelinde sıcak bir hava oluşturmak amacıyla kırmızı tuğla kaplama tercih edilmişti. Hem dayanıklı hem de çevreyle uyumlu bir malzeme olan tuğlayı kullanarak binaya davetkar ve kalıcı bir kimlik kazandırmayı amaçladık.

2. Modern Cam Yüzeyler:

Geniş cam pencereler ve balkonlar ile iç mekanlara bolca doğal ışık girmesini sağlarken, dış cephede modern ve şeffaf bir dokunuş oluşturmayı hedefledik. Cam balkon korkuluklarıyla da binanın çağdaş çizgisini vurguladık.

3. Kemerli Pencereler:

Üst katlarda klasik mimariye atıfta bulunarak kemerli pencereler tasarladık. Bu kemerler, cepheye zarif bir detay katarak estetik bir simetri ve denge sağlıyor.

4. Beyaz Çerçeveler:

Cephedeki beyaz pencere çerçeveleri ve pervazlarla kırmızı tuğla yüzeye kontrast yaptık. Bu beyaz detaylar, cepheye temiz, ferah ve dikkat çekici bir görünüm kazandırıyor.

5. Derinlik ve Hareket:

Cephenin dinamik ve katmanlı bir yapı kazanması için çıkıntılı balkonlar ve geniş pencere pervazları kullandık. Böylece düz bir cephe yerine, daha derinlikli ve görsel olarak zengin bir tasarım elde ettik.

6. Estetik ve Fonksiyonel Denge:

Projemizde hem klasik hem de modern mimari öğeleri birleştirerek zamansız bir tasarım oluşturmaya odaklandık. Bu tasarım hem estetik açıdan dikkat çekici hem de kullanıcılar için fonksiyonel çözümler sunuyor.

Location : Yeşilköy / İstanbul
Year : 2022


SATILIK

30 Yeşilköy 2 Block Apartment Project Project

Balance of Modern and Classical Elements

The exterior facade features a combination of modern lines and classical details. Columns and intricate decorations add aesthetic depth to the building.

Use of GRC Panels

The GRC precast panels chosen for this project ensure the building's longevity and durability, while also providing a clean and smooth appearance on the facade. The panel connections were completed with understated elegance.

Emphasis on Geometric Structure

Angular lines and protrusions on the facade emphasize the architectural character of the building. These lines give the structure a form that is harmonious with its surroundings, yet still stands out.

Balance of Color and Texture

The facade, dominated by light color tones, evokes a sense of both spaciousness and elegance. Combined with the smooth surface of the GRC panels, these color choices give the building a modern appearance.

Play of Light and Shadow

The protrusions and layers on the building create a dynamic visual effect by interacting with natural light. This dynamic structure allows the building to take on different appearances at different times of the day.

Structural Texture and Decorations

The details created with GRC panels contribute to the overall character of the building both structurally and aesthetically. The bands between floors and the decorations near the roof, in particular, add a stylish touch to the facade.

Based on these evaluations, we can say that the GRC facade application in our project has made significant contributions to the building's aesthetics and durability.

Location : Yeşilköy / İstanbul
Year : 2024

31 BZN Hotel Arnavutköy Project

Smooth Lines of Facade Design

The symmetrical columns and detailed capitals on the facade give the structure a classical appearance, providing an aesthetic harmony. The smooth texture of the precast material aligns well with the hotel's overall elegant look.

Durability of GRC Precast

The GRC material adds both lightness and strength to the facade. As a result, the building becomes resistant to external effects while maintaining its architectural aesthetics for many years.

Emphasis on Details

The embossments between the columns were flawlessly crafted with precast material. These details enrich the facade aesthetics of the hotel, creating an elegant visual appeal.

Color Harmony and Clean Appearance

The natural white color of the precast panel contributes to the building's clean and modern impression. This material, resistant to environmental factors, ensures the building always looks well-maintained.

Large Window Openings

The large windows along the facade offer a modern line, allowing the interior to be easily visible from the outside. The precast cladding is seamlessly integrated with the window frames, providing an uninterrupted appearance on the facade.

In this project, we effectively combined both modern and classical elements, utilizing the flexibility and durability provided by GRC precast to the fullest.a

Location : Arnavutköy / İstanbul
Year : 2024


N AIR RT HOTEL

32 Benler Hotel Laleli Project

Harmony of Classical and Modern Elements

We combined classical architectural elements with modern lines on the exterior facade. With column details and straight lines, we achieved a perfect harmony of these two styles.

Effective Use of GRC Panels

We used GRC precast panels in the project, which, due to their lightness and durability, provided a long-lasting and functional facade design.

Vertical Elements Giving a Sense of Height

We designed the vertical columns and window frames to make the building appear taller, creating a strong vertical emphasis on the facade.

Symmetry and Order

We used a symmetrical arrangement in the placement of windows, giving the facade an aesthetic and balanced look. Additionally, we highlighted the window frames with white tones, making the facade appear wider and more spacious.

Entrance and Signage Design

We opted for large glass surfaces to give the hotel entrance a modern and simple look. Furthermore, we kept the signage design minimal and elegant to align with the overall aesthetics of the building.

Lighting and Nighttime Effect

We carefully designed the exterior facade lighting, making the building stand out at night as well.

Elegance of White Color

With the white tones of the GRC cladding, we gave the facade a clean and modern look. The elegance of white adds a sophisticated atmosphere to the overall vibe of the building.

This project is a beautiful example of how we combined aesthetics and functionality with GRC precast panel cladding, resulting in a structure that is both long-lasting and visually impressive.

Location : Laleli / İstanbul
Year : 2022


BENLER OTEL
BENTEKS
BENLER OTEL
BENLER
ÇARŞI

33 Kumburgaz Student Dormitory Project

Architectural Harmony and Aesthetic Balance

The vibrant colors characteristic of Mediterranean architecture enhanced the aesthetic appeal of the facade. The colorful blocks and arches gave the building an eye-catching and inviting appearance. Decorative columns and GRC precast elements used around the windows created a bridge between historical influences and modern touches.

Durability and Aesthetics Provided by GRC Precast

The GRC elements used on the facade ensured the building's longevity and durability while enhancing its aesthetic value. The use of GRC material for column capitals and arches successfully combined traditional details with modern building materials.

Movement through Colorful Design

The careful use of different colors in the structure broke the monotony of the facade, creating a lively appearance. Details in yellow, blue, and red tones, in particular, made the building aesthetically dynamic.

Natural Light and Spacious Interiors

Large windows allowed ample natural light to enter the interiors, providing students with bright and spacious living areas. The aesthetic harmony between the windows and the facade made the building strong both functionally and visually.

Historical Influences with Columns and Arches on the Facade

The columns and arches made with GRC precast added a historical atmosphere to the building while creating an aesthetic that is in harmony with modern structures. These details emphasized the building's cultural and architectural identity.

Balance of Functionality and Aesthetics

The GRC elements used on the building's facade not only provided an aesthetic appearance but also gave the facade long-lasting durability. The balance between functionality and aesthetics made the student dormitory both comfortable to live in and visually appealing.

Location : Kumburgaz / İstanbul
Year : 2019

34 Tütüncü Hotel Arnavutköy Project

Contemporary Design and Dynamic Lines

The facade is shaped with modern lines and features curved elements that create an elegant dynamism. This design brings together aesthetics and functionality.

Aluminum Composite Panels

The aluminum composite panels used on the facade contribute to the building's modern appearance while also providing a long-lasting solution. These panels were chosen for their durability against weather conditions and low maintenance requirements.

Large Glass Surfaces

Large glass surfaces have been used on the exterior facade of our hotel project. This allows maximum natural light to enter the interiors while providing an open and airy appearance from the outside. The expansive glass facades strengthen the building's connection with its surroundings.

Smooth Transitions at Corners

Sharp edges were avoided at the corners of the building, ensuring smooth transitions. This provides a soft visual appeal and creates a structure that harmonizes well with the city skyline.

Vertical Panels Added to the Facade

The vertical panels used on the facade make the building appear dynamic while also adding aesthetic richness by avoiding monotony with different textures.

Facade and Climate Considerations

Considering the building's location, energy efficiency was also factored into the facade design. High thermal insulation materials were chosen along with large glass surfaces to enhance interior comfort.

With all these details applied to the facade, the building stands out not just as a hotel but as an aesthetic structure that integrates with its surroundings and reflects the refined lines of modern architecture.

Location : Arnavutköy / İstanbul
Year : 2024

35 Mayami Hotel Arnavutköy Project

Harmony of Classical and Modern Elements

The GRC panels used on the exterior facade provided the building with both a classical and modern character. This created an aesthetic that is harmonious with the surrounding structures while also standing out.

Column Details

GRC panels were used to highlight both the durability and aesthetic details of the columns. Especially the column capitals became a key design element that supported the grand stance of the structure.

High Durability

With the long-lasting and durable structure offered by GRC material, the hotel's facade cladding provided a solution resistant to external effects and the passage of time. This not only reduced maintenance costs but also ensured that the facade retained its original aesthetic for many years.

Aesthetic Accents with Lighting

The GRC details on the facade were highlighted with nighttime lighting, allowing the building to present a different aesthetic perception both day and night.

Vertical Accents on the Facade

The details that enhance the vertical movement of the building were made more prominent with GRC material. This added elegance to the structure while contributing to its modern character.

With GRC precast cladding, this hotel project prioritized both durability and aesthetics, creating a structure that is harmonious with its surroundings and resistant to the test of time.

Location : Arnavutköy / İstanbul
Year : 2024

36 Bakırköy 2 Apartment Buildings Project

In these two apartment projects, we can evaluate the GRC precast panel cladding work as follows:

Facade Design and Panel Usage

The GRC panels applied to the facade in both apartment projects strengthened the architectural identity of the buildings. The smooth and even texture of the panels created a modern look on the facade, enhancing the prestige of the structures.

The precast panels used in the design emphasized the columns and beams, highlighting structural integrity as an aesthetic feature.

Aesthetic Cohesion

The panels established a common language between the two buildings, ensuring architectural harmony. Both projects prioritized simple yet striking details.

Decorative motifs on the balconies and geometric embellishments around the windows added an elegant touch to the buildings' exteriors, achieving a balanced blend of modern and classical elements.

Functional Durability

GRC panels contributed to the project both aesthetically and in terms of durability. These materials are resistant to external weather conditions, supporting the longevity of the buildings.

The techniques used during panel installation enhanced energy efficiency, contributing to thermal insulation in the interiors.

Application at Different Heights

Despite the height difference between the two projects, the modular nature of GRC panels allowed for seamless application on both buildings. This ensured an aesthetic flow on the facades without compromising the project's unity.

Conclusion

The applied GRC precast cladding gave these two apartment projects a modern and prestigious appearance. The combination of detailed craftsmanship and quality materials elevated the architectural value of the structures.

These projects are a tangible example of the aesthetic and functional benefits provided by GRC precast cladding.

Location : Bakırköy / İstanbul
Year : 2023


SATILIK
SATILIK

LIBYA TRIPOLI BANK / INSURANCE BUILDING


RICHART HOME
RICHART HOME


Lova
FINLANTA
Lova
Lova
Lova
GIA


ESTETICIUM


AKDOĞAN DÖVİZ
AKDOĞAN
DÖVİZ