INNOVATIVE PRECAST SOLUTIONS

HOUSE OF URBANIK

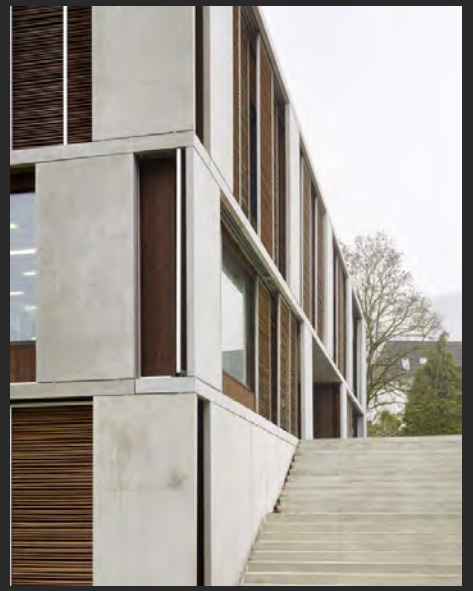
At House of Urbanik, we lead in sustainable, high-quality precast concrete solutions, offering tailored services for modern construction. We specialize in innovative prefabricated elements and advanced building technologies, blending engineering excellence with human-centered design.

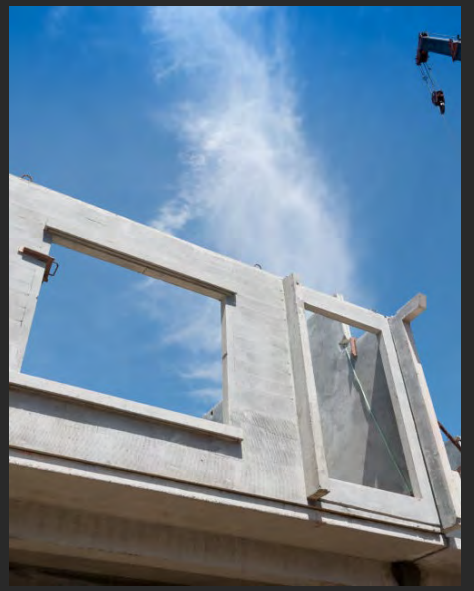
Your Complete Partner for Precast Solutions

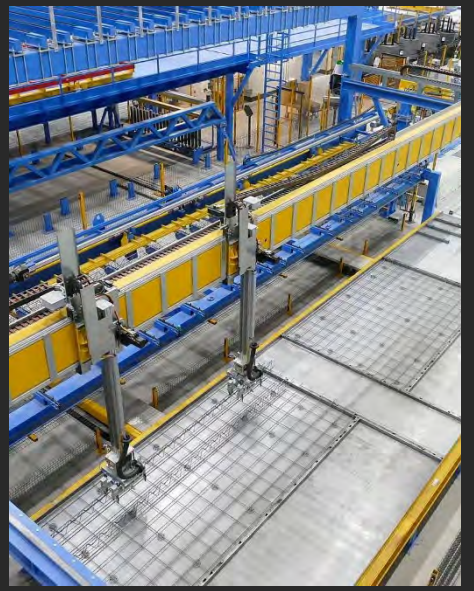
At House of Urbanik, we provide more than high-quality precast products, offering end-to-end services to support your project.

Our custom solutions include design, timely material delivery, and expert on-site installation for smooth execution.From planning to installation, we ensure efficiency, precision, and a seamless experience, delivering tailored solutions for your needs.

We’re committed to shaping a more sustainable future for our communities.







WWW.HOUSEOFURBANIK.COM

INNOVATIVE PRECAST SOLUTIONS

HOUSE OF URBANIK INDUSTRIAL PARK

A Global Leader in Precast Concrete Manufacturing

At House of Urbanik, we operate one of the world's most advanced concrete production plants, located in the 417-acre House of Urbanik IBS Industrial Park.

Our facility uses cutting-edge automated systems from global leaders like Progress Group and Ebawe, producing a wide range of precast elements with unmatched efficiency and precision. Our technology ensures superior quality, high output, and minimal manual labor, making ouse of Urbanik a leader in the precast concrete industry.

We are committed to sustainability and delivering exceptional value to developers globally, shaping the future of urban infrastructure.

TECHNOLOGY

THE MOST MODERN PRODUCTION PLANT

House of Urbanik has one of the most modern production plants for precast concrete elements in the world.

At House of Urbanik, we lead the construction revolution as one of the largest Integrated Building System hubs, blending sustainability, innovation, and efficiency.

Our 417-acre facility features a fully automated, data-driven system for unmatched precision and scalability.

Using advanced technology from Ebawe Anlagentechnik - Progress Group, we produce double walls, precast slabs, and more with cutting-edge automation.

SUSTAINABILITY

Reduced carbon and waste footprint

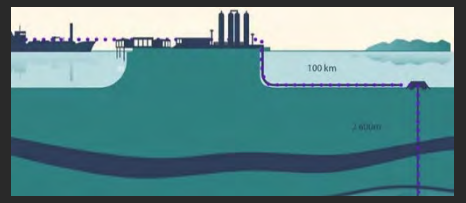
Reduced carbon footprint thanks to CO2 capture House of Urbanik technology reduces CO2 emissions by using increased pressure to separate carbon dioxide from clinker kiln flue gases.

GREEN CODE

We do have Green Code licence.
Green Code buildings boast faster construction times, as well as thermal, climatic, and acoustic efficiency.

Resource Efficiency

Building on our extensive expertise in cement production, House of Urbanik efficiently transforms industrial waste into a valuable resource. Discover how we integrate waste recycling into our production process to enhance sustainability and reduce environmental impact.



CO2 transport and storage

The liquefied carbon dioxide is loaded onto specially designed railway cars and transported to a transshipment facility at a seaport. From there, it will be shipped to the Sea.

Revo IBS is committed to green building practices, offering precast concrete solutions with minimal environmental impact.

Partner with House of Urbanik for environmentally conscious construction solutions.

REFERENCES THAT SPEAK FOR THEMSELF

House of Urbanik is a global leader in **precast concrete manufacturing**, offering **sustainable and innovative building solutions** to developers, construction companies, and investors. Our **advanced automated production plants** ensure precision, efficiency, and the **highest quality standards**.

KEY HIGHLIGHTS:

- Over 20 years of industry experience
- Modern, automated production plant
- Focus on sustainability and innovation

INNOVATIVE PRECAST SOLUTIONS

COST BENEFITS

COST SAVINGS

Cost savings compared to traditional construction methods.

TIME SAVINGS

Project timelines showing reduced construction time.

GROWTH

Revenue projections or growth in demand for modular and precast solutions.

Maximize your ROI with House of Urbanik’s cost-efficient and sustainable building solutions

INNOVATIVE PRECAST SOLUTIONS

OUR SERVICES

House of Urbanik provides full support for developers and construction companies, from design to assembly.

Our commitment to excellence goes beyond producing high-quality precast products. We offer expert design, efficient transport, and professional on-site assembly to ensure seamless installation.

With an integrated approach, we handle every phase of your project from concept to completion.

Let us take care of the entire process—contact us today to get started

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01

CONCRETE ELEMENTS

We produce durable, precision-engineered precast concrete elements, including walls, floors, 3D modules, gates, pavers, and custom reinforcement solutions.

Our automated production ensures consistent quality and fast turnaround, making our products ideal for modern construction projects. Designed for strength, efficiency, and sustainability, our elements integrate seamlessly into any project, helping developers save time and reduce costs..

02

DESIGN

We provide tailored CONCRETE solutions for construction projects.

Our architectural and engineering office supports projects from the planning stage onward, offering expert technical and economic insights along with professional guidance to ensure successful outcomes.

We design and manufacture tailored concrete elements for your project.

03

TRANSPORT

We organize whole shipping and logistic coordination for you. Our specialized transport service team ensures the safe, secure, and timely delivery of prefabricated elements directly to your site. We take the hassle off your hands by providing the necessary non-standard vehicles, so you don’t have to worry about sourcing or managing transportation logistics.

04

PROJECT MANAGEMENT

Our project management service utilizes advanced digital tools, including Building Information Modeling (BIM), to streamline the entire construction process. With BIM, we ensure precise planning, real-time collaboration, and seamless coordination across all phases of your project, resulting in increased efficiency, reduced costs, and superior outcomes.

05

ON-SITE ASSEMBLY

Our highly skilled construction crews ensure efficient and precise assembly of prefabricated elements and windows on-site.

06

NETWORKING

We believe it's time to disrupt the construction industry by exceeding market demands and promoting sustainable building practices through collaborative innovation.

INNOVATIVE PRECAST SOLUTIONS

OUR PRODUCTS

Innovative Precast Concrete Elements for Modern Construction

At HOUSE OF URBANIK, we manufacture high-quality, sustainable precast concrete elements tailored to today's construction needs. Our products are engineered for precision, durability, and easy integration across various building applications.

Key Products:Precast:

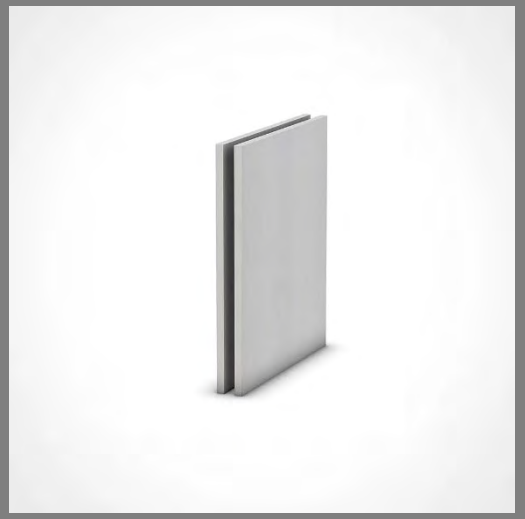
- Walls and Floors: Strong, stable, and quick to install.
- 3D Concrete Modules: Modular solutions that cut build time and labor costs.
- Concrete Gates and Pavers: Durable, attractive options for landscaping and infrastructure.
- Reinforced Concrete Panels: Custom solutions for structural support.
- Windows and Scaffolding: High-performance and safety-focused.

Crafted in our automated plant, our products ensure consistent quality and timely delivery for any project, from residential to large-scale developments.

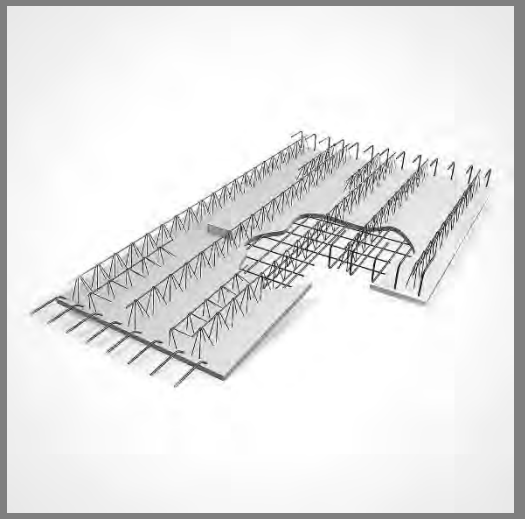
INNOVATIVE PRECAST SOLUTIONS

OUR PRODUCTS

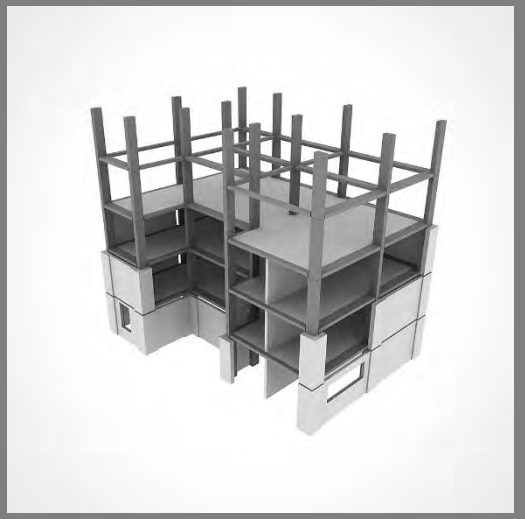
WALL PANELS



FLOOR PANELS



STRUCTURAL PRECAST ELEMENTS

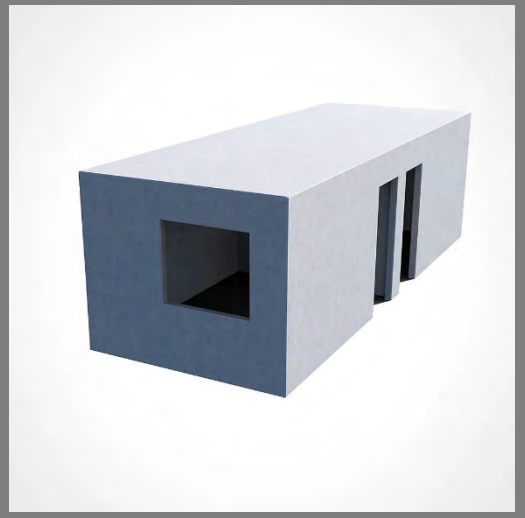


INFRASTRUCTURE PRECAST ELEMENTS

INNOVATIVE PRECAST SOLUTIONS

OUR PRODUCTS

SPECIAL PRECAST ELEMENTS



WINDOWS

SCAFFOLDING

REINFORCEMENT

INNOVATIVE PRECAST SOLUTIONS

OUR PRODUCTS

PAVER

LANDSCAPE SLABS

CONCRETE FENCE SLABS

TERRAIN SLABS

INNOVATIVE PRECAST SOLUTIONS

WALL PANELS

Double Wall

Façade Wall

Insulated Double Wall

Light-Weight Wall

Sandwich Wall

Solid Wall

Thermo-Double Wall

Thermo Wall

INNOVATE PRECAST SOLUTIONS

DOUBLE WALL

A double wall comprises prefabricated concrete slabs with in-situ concrete. In this process two parallel concrete panels, at least 5 cm thick, are kept apart by lattice girders. The concrete shells already contain the statical made to measure mesh. Double walls are pre-produced in the factory, delivered to the construction site, assembled and finally refined with cast-in-situ concrete into a solid wall. This produces a cured monolithic overall cross-section. The advantage of the double wall is the elimination of formwork on site; this significantly reduces construction time and keeps both surfaces smooth.

Field of application:
Double walls are used for residential, administrative, commercial and industrial construction and for industrial projects and have advantages when used in seismically active zones.

INNOVATE PRECAST SOLUTIONS

FAÇADE WALL

A façade wall is a three-layer concrete wall with internal cavity wall insulation. Its outer concrete layer is designed in a variety of architectural surface versions. This process generally makes possible a variety of colored concretes with the most varied finishes, such as exposed aggregate, grinding or polishing. In addition, practically all design ideas can be realized by means of structural form liners or add-on materials.

Field of application:
Façade walls are suitable for residential, administrative, commercial and industrial construction and for infrastructure projects requiring heat protection or with increased architectural and optical requirements for the design of the façade.

INNOVATE PRECAST SOLUTIONS

INSULATED DOUBLE WALL

An insulated double wall is an industrially prefabricated wall element, which comprises two low-porous, smooth reinforced concrete panels connected to each other with a thermal bridging effect and with inner thermal insulation.

In this wall element the outer, non-load-bearing reinforced concrete panel, constitutes a mechanical protection method for thermal insulation. Static made to measure mesh responding to individual requirements is provided in the inner panel and in the cast-in-situ concrete core. Once the elements have been assembled on the construction site and the concrete has cured, the result is a static, monolithic wall system.

Field of application:
Insulated double walls are used for residential, administrative, commercial and industrial construction and for industrial projects. They fulfil thermal insulation requirements and have advantages when used in seismically active zones.

INNOVATE PRECAST SOLUTIONS

LIGHT WEIGHT WALL

Light-weight concrete walls can be used universally. They are used as load-bearing or non-load-bearing elements in residential and commercial construction or as noise barriers on streets and railway lines. Light-weight concrete slabs are available both with a raw and with a ground surface.

Field of application:
Light-weight concrete walls are used in residential, administrative, commercial and industrial construction and in infrastructure projects with increased thermal insulation or requirements for lightweight construction.

INNOVATE PRECAST SOLUTIONS

SANDWICH WALL

Sandwich wall precast panels are manufactured both as load-bearing and as non-load-bearing, insulated exterior wall elements. The wall has the following configuration:

- on the room side solid concrete smoothed or smooth
insulation appropriate for the respective thermal insulation requirements
- on the exterior a solid concrete layer.

Due to the integral insulation the elements are already completely processed after assembly. This shortens construction periods many times over.

Field of application:
Sandwich walls are used in residential, administrative, commercial and industrial construction and in infrastructure projects with thermal insulation requirements.

INNOVATE PRECAST SOLUTIONS

SOLID WALL

Solid wall precast panels offer cost-effective alternatives to concreting on site. They can be manufactured in every statically-required thickness. Solid walls are smooth either on one side or all the way round. In the case of solid wall elements smooth on one side, the second side is manually or mechanically struck off and smoothed; this eliminates further post-processing on the construction site.

Solid walls have particularly good noise and fire protection properties. High loads can be suspended from them.

Field of application:
Solid walls are therefore particularly suited as load-bearing and non-load-bearing walls in residential, administrative, commercial and industrial construction, as perimeter walls and in infrastructure procedures.

INNOVATE PRECAST SOLUTIONS

THERMO DOUBLE WALL

The Double Wall is an industrially prefabricated wall element consisting of two low-porosity and metal formwork-smooth reinforced concrete slabs connected to each other through lattice girders.

Static reinforcement corresponding to the individual requirements is integrated in the reinforced concrete discs. After the elements have been assembled on site and the in-situ concrete has hardened, the result is a statically monolithic wall systemolid wall precast panels offer cost-effective alternatives to concreting on site. They can be manufactured in every statically-required thickness.

INNOVATE PRECAST SOLUTIONS

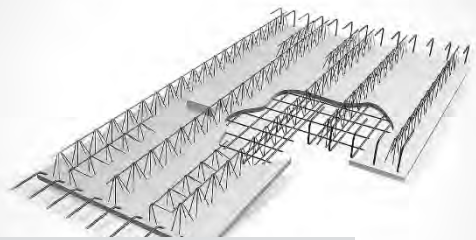
THERMO WALL

Based on the principle of thermal insulation from the outside, the Green Code Thermo Wall with integrated insulation offers an innovative and efficient solution for the improvement of your building envelope. No other wall system fits our time as well as this one. A sustainable, customized solution with technical as well as aesthetic advantages.

The Green Code Thermo Wall is an industrially prefabricated façade element. It consists of two dimensionally accurate reinforced concrete panels connected to each other without thermal bridges and with internal thermal insulation. The outer, non-load-bearing façade panel provides mechanical protection for the thermal insulation.

INNOVATIVE PRECAST SOLUTIONS

FLOOR PANELS

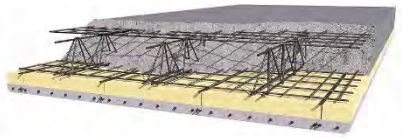


Lattice Grider Floor

Solid Floor

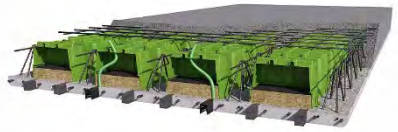
Hollow Core Slab

Green Code Climatic Slab



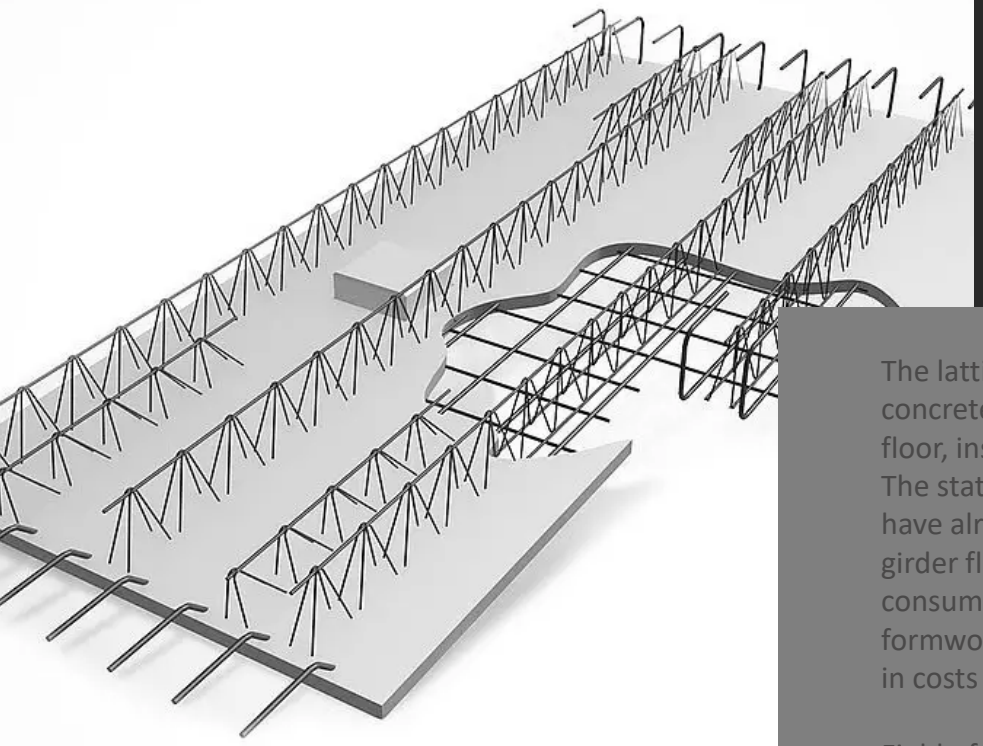
Green Code Thermo Slab

Half Slab



Green Code Acoustic Slab

Eco Slab



INNOVATE PRECAST SOLUTIONS

LATTICE GRIDER FLOOR

The lattice girder floor consists of pre-produced, large-format, reinforced concrete slabs, at least 5 cm thick. They are delivered as a lattice girder floor, installed on the construction site and filled with cast-in-situ concrete. The statically significant made to measure mesh and the lattice girders have already been inserted in the factory. The underside of the lattice girder floor is non-porous and smooth; there is therefore no need for time-consuming and cost -intensive plastering. The relatively low use of formwork on the construction site also achieves a considerable reduction in costs and shortening of construction time.

Field of application:
Lattice girder floors are used for residential, administrative, commercial and industrial construction and for infrastructure projects.

INNOVATE PRECAST SOLUTIONS

SOLID FLOOR

A solid floor is a structural component manufactured completely at the precast concrete plant. In this process the made to measure mesh required for mounting strength and final state has already been inserted at the factory. Solid floors are immediately safe to walk on and can be processed in any weather conditions.

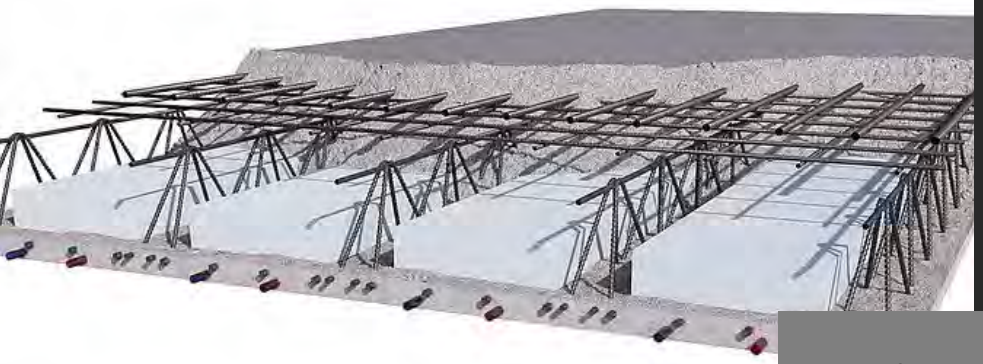
Field of application:
Solid floors are used in residential, administrative, commercial and industrial construction and in infrastructure projects.

INNOVATE PRECAST SOLUTIONS

HOLLOW CORE SLAB

Hollow core slabs are floor and wall elements made from pre-stressed concrete with slots in the longitudinal axes. The slots reduce the weight of the floor element significantly in comparison with the solid precast elements. The panels can be manufactured loosely reinforced or pre-stressed. The elements are delivered made-to-measure and the required slots can be provided ex works.

In the construction industry nowadays, the principal properties are energy and cost efficiency, as well as sustainable technologies. Pre-stressed concrete elements satisfy all these criteria and therefore make a significant contribution, when the issue is future-oriented construction.

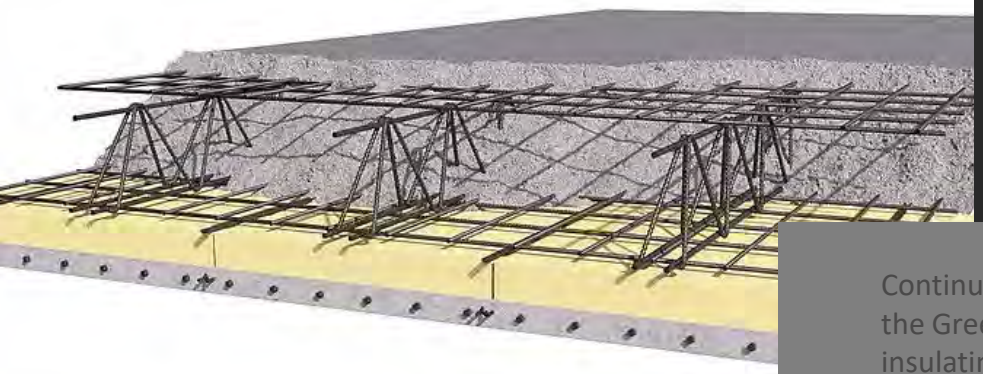


INNOVATE PRECAST SOLUTIONS

GREEN CODE CLIMATIC SLAB

The Green Code Climatic Slab heats or cools the room as needed: through the exchange of thermal radiation, it directly tempers the floor, the walls, the furniture and all other furnishings - not the air.

Since there are no obstructions such as furniture on the ceiling, they avoid convection and its undesirable side effects: When heating, hardly any dust is swirled into the air, and when cooling, there is no cold draft. In addition, heat radiation in combination with warm walls prevents the formation of mold. This ensures a healthy and comfortable indoor climate.



INNOVATE PRECAST SOLUTIONS

GREEN CODE THERMO SLAB

Continuous insulation in the building is a challenge. The solution to this is the Green Code Thermo Slab. It blends seamlessly into the overall insulating system - even in combination with the Green Code Thermo Wall.

In case of overhanging building components which need to be insulated, such as overhanging balconies or as the end of unsealed underground garages, the Green Code Thermo Slab is the ideal element for excellent insulation results.

Green Code is a system for everything - it keeps the building homogeneous.

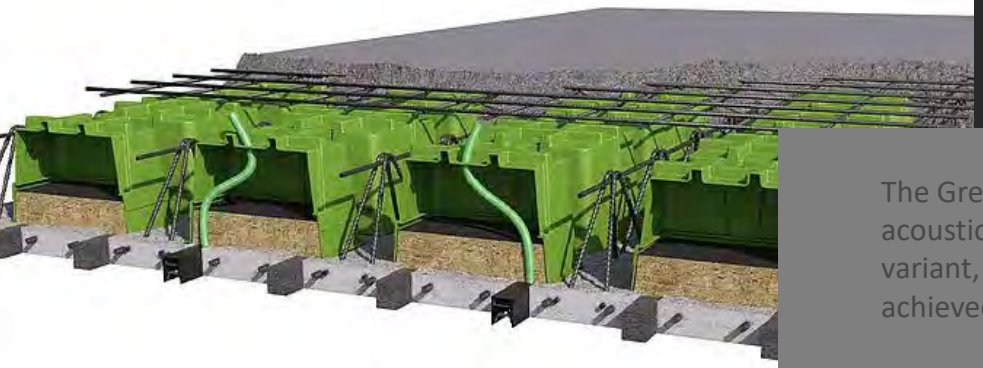
INNOVATE PRECAST SOLUTIONS

HALF SLAB

The Half Slab is an industrially prefabricated element consisting of a metal formwork-smooth concrete slab with built-in lattice girders as bracing and the minimum transverse reinforcement.

Solid construction - The load-bearing longitudinal reinforcement is already installed in the floor element at the plant.

After installation of the elements on site, integration of any additional reinforcement layers and pouring of the onsite concrete, a statically uniaxially stressed monolithic floor system is achieved.



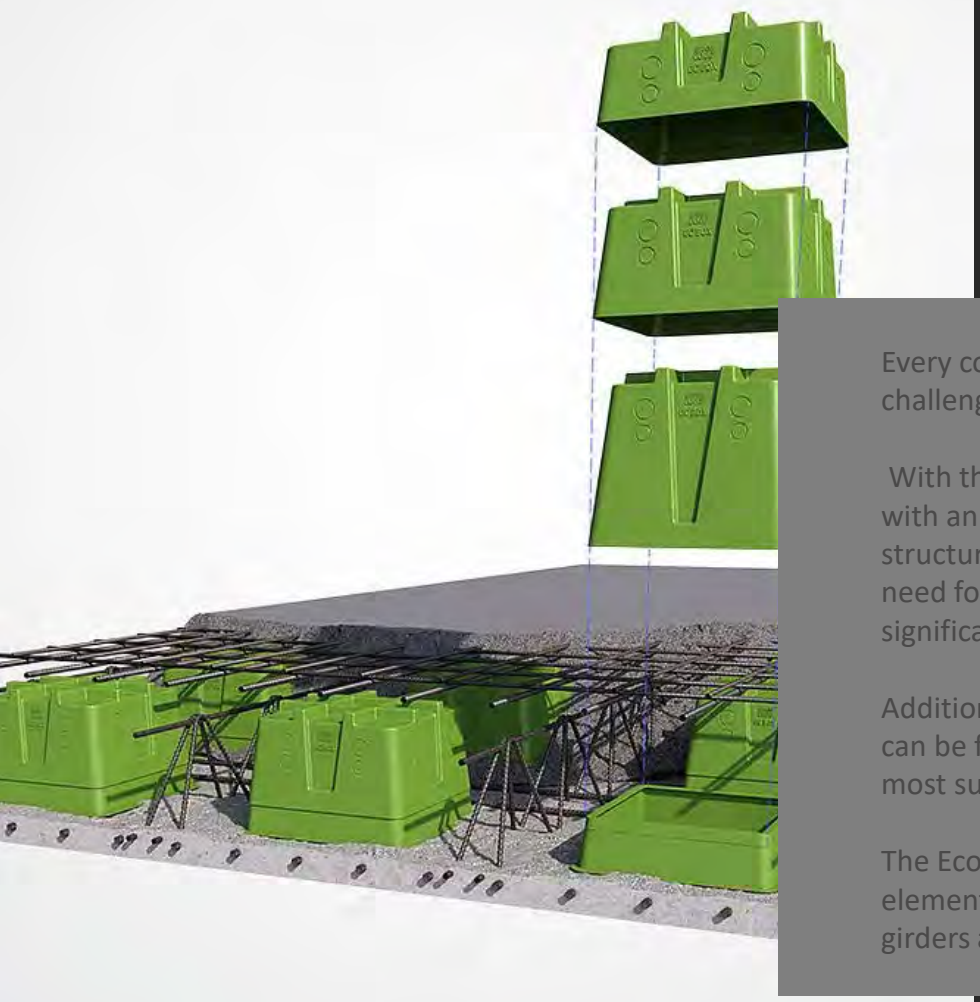
INNOVATE PRECAST SOLUTIONS

GREEN CODE ACCOUSTIC SLAB

The Green Code Acoustic Slab creates the possibility to optimize the room acoustics depending on specific requirements. According to the design variant, a weighted sound absorption coefficient (αw) of 0.4 can be achieved (with α 0.6 in the mid-low range).

The Green Code acoustic slab is an industrially prefabricated ceiling element with surface-equal, regularly arranged, rectangular, largely penetrating openings. Lattice girders, load-bearing longitudinal reinforcement, minimum transverse reinforcement, and if required shear reinforcement directly installed in the concrete slab.

The underside boasts furthermore a metal formwork-smooth finish. A resonance body spanning one or more openings is positioned directly above the openings onsite before concreting. The resonance body is partially filled with an acoustic insulating material.



INNOVATE PRECAST SOLUTIONS

ECO SLAB

Every concrete slab requires reinforcement to meet the structural challenges of various building types.

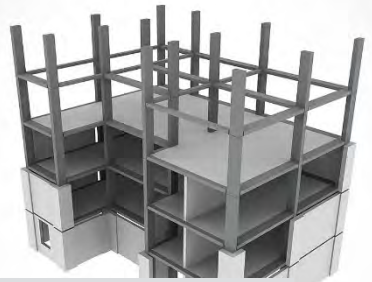
With the Eco Slab, part of the steel reinforcement can now be replaced with an environmentally friendly alternative—without compromising structural performance. The GC Box, a void former, not only reduces the need for steel but also for concrete in the precast slab, resulting in a significant reduction in slab weight.

Additionally, the GC Box is made from 100% recycled polypropylene, which can be fully recycled at the end of the building's life cycle, making it the most sustainable solution.

The Eco Slab® is an industrially prefabricated, cross-reinforced concrete element. It consists of a smooth concrete panel with integrated lattice girders and load-bearing longitudinal reinforcement.

INNOVATIVE PRECAST SOLUTIONS

STRUCTURAL PRECAST ELEMENTS



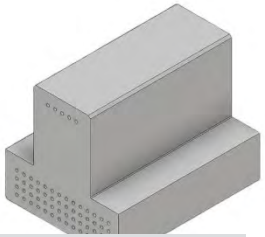
Columns and beams

Stairs

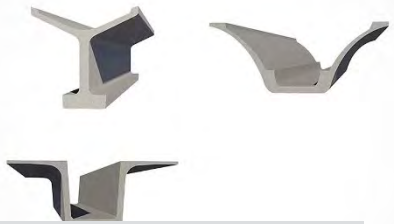
Channels and gutters

Foundation Piles

Pre-stressed elements



T-beams



Trusses

TT-beams

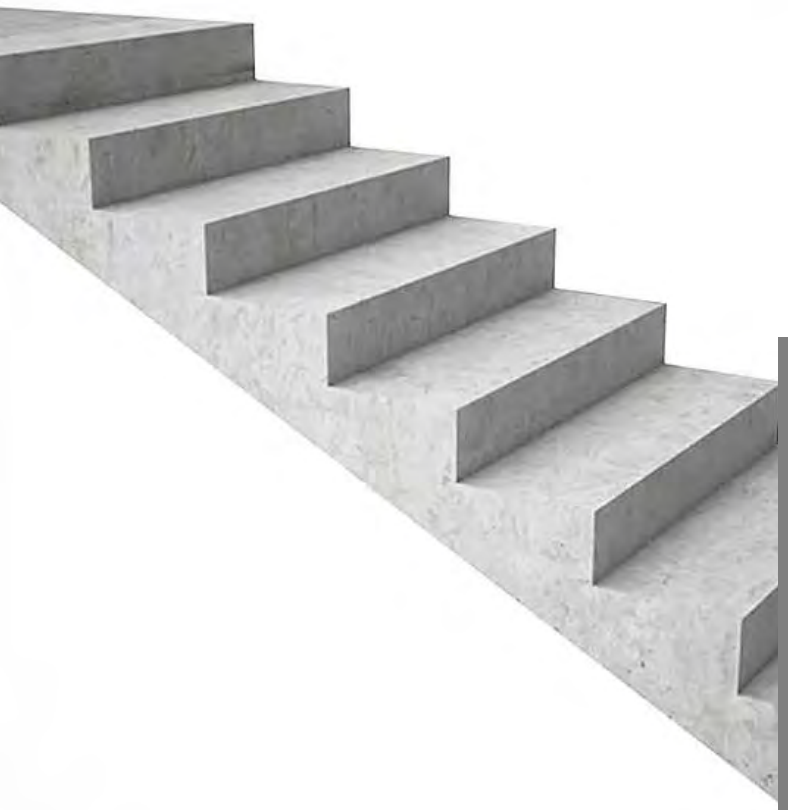
INNOVATE PRECAST SOLUTIONS

COLUMNS AND BEAMS

Concrete beams, also known as summers, are girders, which take up the load of a floor or wall and relay it to other structural components. The load capacity and/or span of a ceiling can be increased by the use of beams.

In some cases beams can take over the load-bearing function, create (unlike walls) free access and can bridge large spans. They are also used subsequently in renovating old buildings to improve statics. Concrete columns consist of very pressure-resistant concrete. They are constructed to bear loads. They can be designed for each floor or across several floors.

These components are used in combination in column-beam structures (skeleton structure). First of all, a load-bearing structure consisting of the columns and beams is created. The non-load-bearing sandwich outer walls are suspended like a curtain in front of the load-bearing structure and interior walls and floors are installed.



INNOVATE PRECAST SOLUTIONS

STAIRS

Staircase modules enable the production of a wide range of prefabricated staircases, from standard designs to custom shapes and size.

Customization options include step surfaces and side paneling in various styles. These concrete staircases are used in both residential and commercial construction.

We offer an extensive portfolio of staircase modules, which can be customized to fit specific project requirements. Available as individual or battery modules, they can be produced vertically or horizontally with adjustable or fixed dimensions.

The modules come in steel or steel-wood designs for maximum flexibility and can include vibrators and heating systems to improve surface quality and accelerate curing.

INNOVATE PRECAST SOLUTIONS

CHANNELS AND GUTTERS

Channels and gutters are used in drainage or as installation ducts for cables and pipes. They can be used for high-stress areas.

Channels and gutters can be assembled quickly and need no formwork work on site.

INNOVATE PRECAST SOLUTIONS

FOUNDATION PILES

Foundation piles are used to span with piles ground strata, which are not very stable or are unstable.

The concrete piles are driven into the foundation material until a sufficiently load-bearing soil or rock stratum is reached.

The loads of the supporting structure are then borne either by the friction of the post with the foundation material or the point-bearing pressure of the piles.

The piles are used for a wide spectrum of uses from simple industrial building, to vineyards and orchards up to wind turbines.

INNOVATE PRECAST SOLUTIONS

PRE – STRESSED ELEMENTS

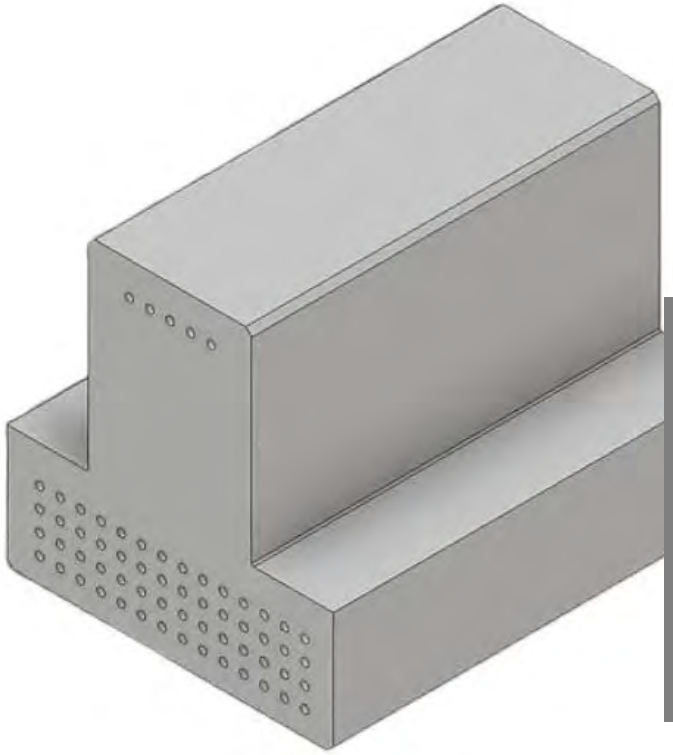
Pre-stressed concrete elements are precast components reinforced with tensioned wires. These wires compress the concrete, allowing it to better withstand future loads, temperature changes, and traction forces.

Pre-stressed concrete is produced using two main techniques: pre-tensioning and post-tensioning. In pre-tensioning, steel wires are tensioned and anchored on a production bed, with concrete poured around them in a module. After curing, the wires are released, transferring tension to the concrete, keeping it compressed.

In post-tensioning, the steel is tensioned after the concrete has set. Tubes are placed in the structure during casting, and after curing, steel strands are inserted, tensioned, and anchored. Cement mortar is then injected into the tubes to bond the wires with the structure, a method often used in bridge construction.

INNOVATE PRECAST SOLUTIONS

T-BEAMS



A beam, shaped like a T, which is produced as a pre-stressed concrete product. The element has a cross-section, which is consistent all along its length. T-beams are used for the most diverse applications for a variety of ceiling systems and in skeleton construction as a beam between two individual columns.

These beams are used on the building principally for the roof structures of private houses and commercial buildings.

INNOVATE PRECAST SOLUTIONS

TRUSSES

Roof trusses are large, load-bearing, load-diverting components in the roof structure. They are used to bridge distances between two support surfaces and to form new support surfaces themselves.

In industrial and commercial construction, they can have a large variety of shapes and sizes.

INNOVATE PRECAST SOLUTIONS

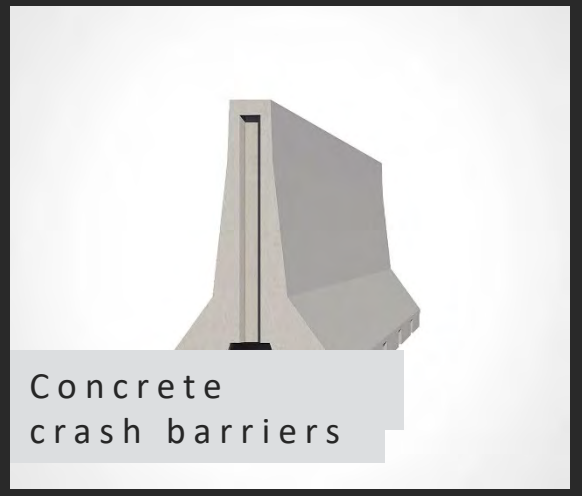
TT-BEAMS

TT-beams are pre-stressed ceiling elements, which are suitable principally for industrial and commercial construction and multi-storey car parks.

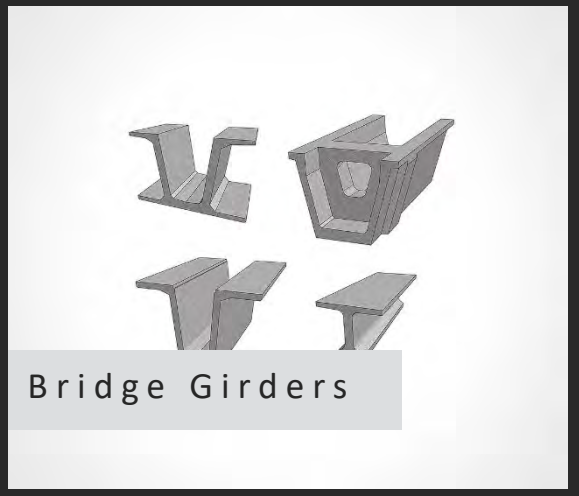
They can bear high loads even across large spans. The elements are manufactured in special modules and - depending on the plan - contain slots in the horizontal ceiling area.

INNOVATIVE PRECAST SOLUTIONS

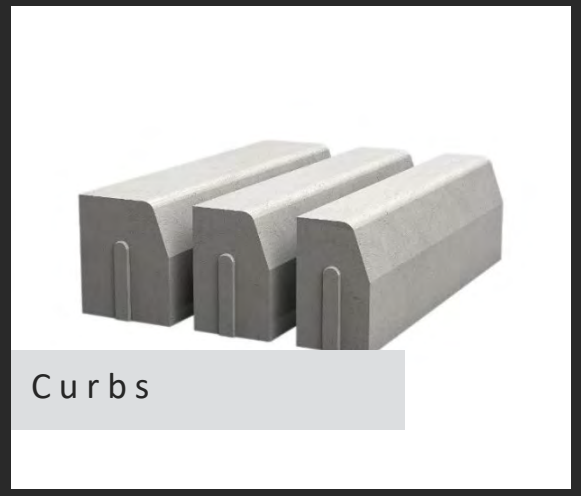
INFRASTRUCTURE PRECAST ELEMENTS



Concrete crash barriers

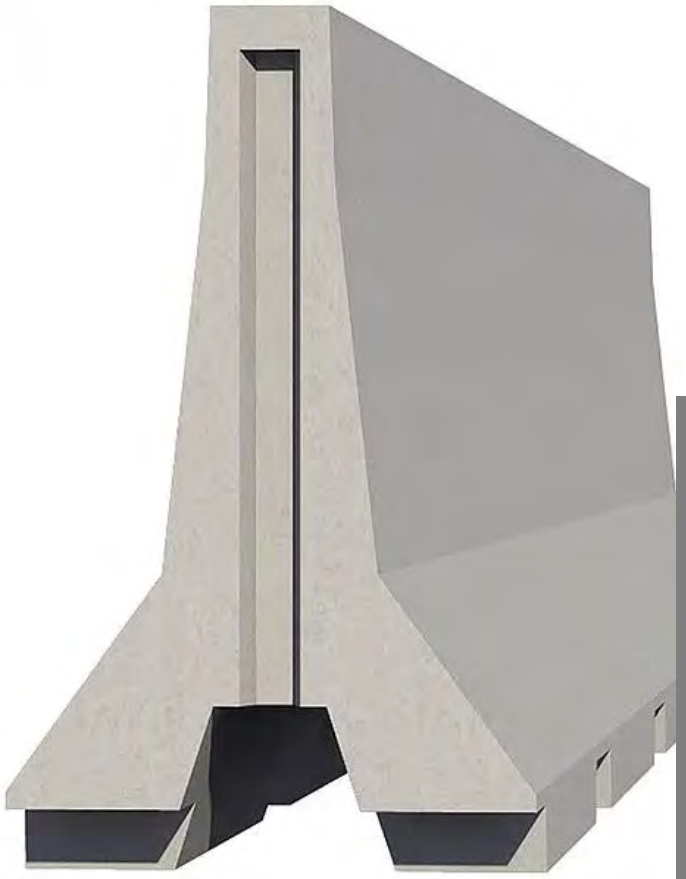


Bridge Girders



Curbs

Retaining walls

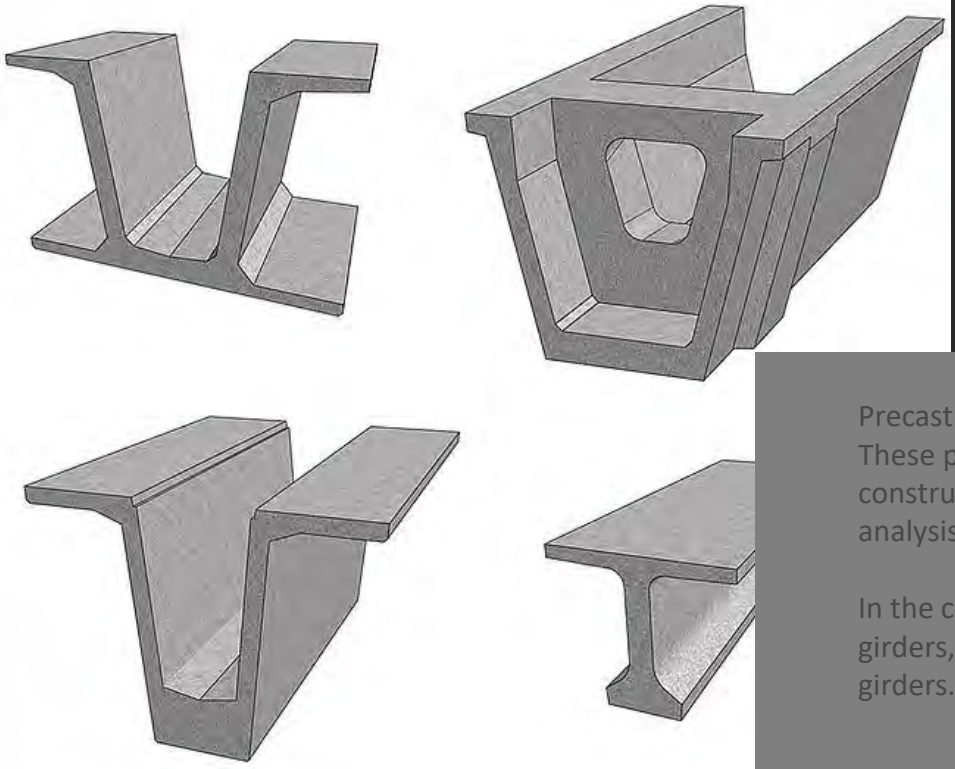


INNOVATE PRECAST SOLUTIONS

CONCRETE CRASH BARRIERS

Concrete crash barriers and concrete step barriers are passive safety equipment on roads. They prevent vehicles crashing through barriers with the possibly serious consequences in collisions with the oncoming traffic, serve to limit the severity of harm to crashed vehicles and their occupants. They are used as restrictions on the central reservation and roadside or to ensure construction site safety.

There is a difference between double-sided and single-sided concrete safety walls. A double-sided concrete safety wall serves as a single row central safety barrier and shows a characteristic profile on both sides. Current profiles are the New Jersey profile and the Step profile.



INNOVATE PRECAST SOLUTIONS

BRIDGE GIRDERS

Precast concrete elements play an important role in bridge construction. These precision components bring many advantages due to the short construction times and extensive scope for design in terms of structural analysis, design, organization and implementation.

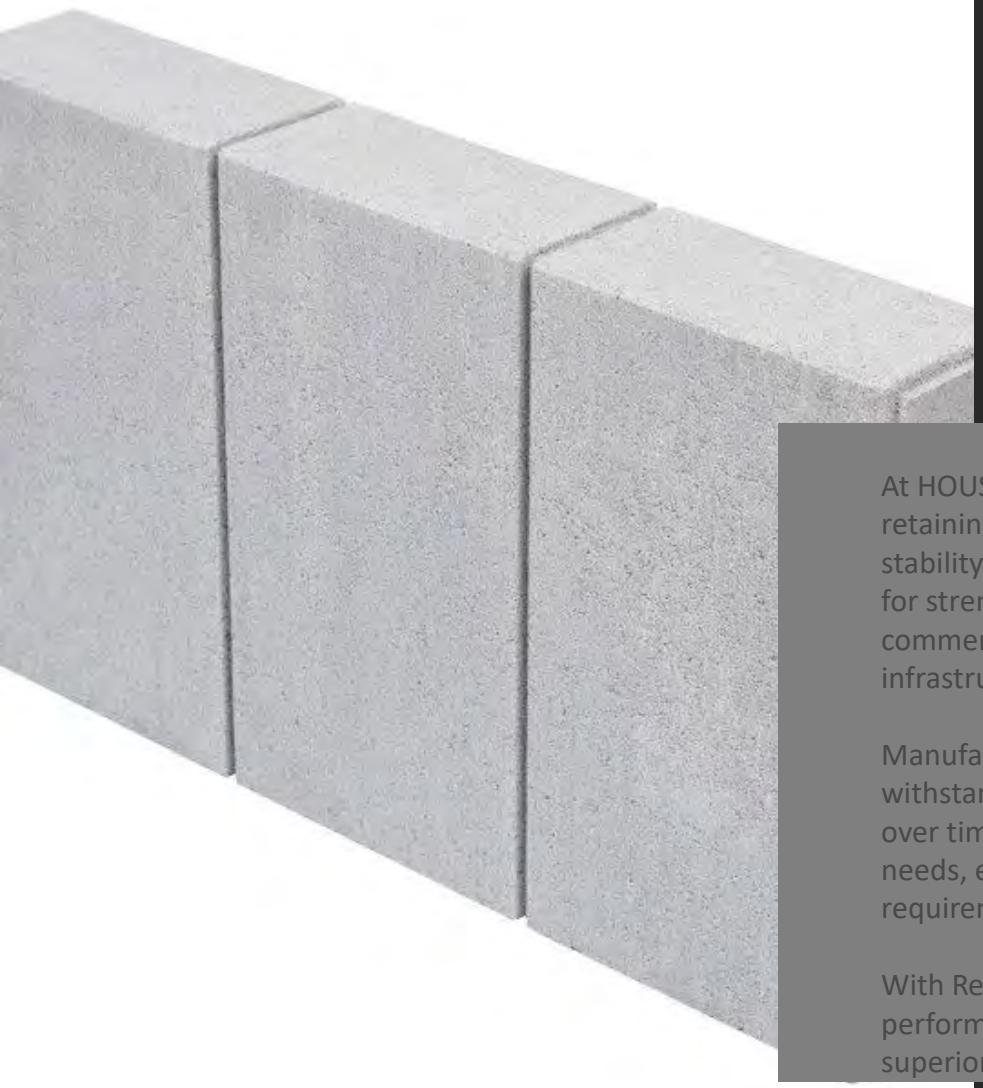
In the construction of viaducts, bridges and high-speed train lines, V girders, bridge box girders, bridge girders with panel or curved tunnel girders.

INNOVATE PRECAST SOLUTIONS

CURBS

At HOUSE OF URBANIK, we specialize in manufacturing and delivering high-quality concrete curbs designed to meet the demands of modern construction projects. Our curbs are precision-engineered for durability and long-lasting performance, making them ideal for a wide range of applications, from roadways and walkways to landscaping projects.

Crafted using advanced manufacturing processes, our curbs ensure a perfect blend of strength and aesthetic appeal. We offer customizable options to fit your project’s unique requirements, ensuring that every element contributes to the overall functionality and appearance of your site. With a commitment to excellence, we deliver concrete curbs that provide reliability, cost-effectiveness, and superior quality.



INNOVATE PRECAST SOLUTIONS

RETAINING WALLS

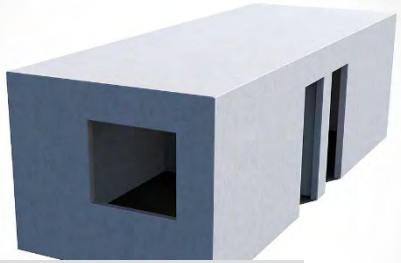
At HOUSE OF URBANIK, we produce and deliver high-quality precast retaining walls designed to offer structural support and enhance the stability of your construction projects. Our retaining walls are engineered for strength and durability, making them ideal for both residential and commercial applications, including landscaping, roadways, and infrastructure projects.

Manufactured using advanced techniques, our retaining walls are built to withstand external pressures while maintaining their structural integrity over time. We offer customizable solutions to fit your project's specific needs, ensuring that every wall is tailored to the terrain and functional requirements.

With Revo IBS, you can count on reliable, cost-effective, and high-performance retaining walls, designed to deliver long-term value and superior quality for your projects.

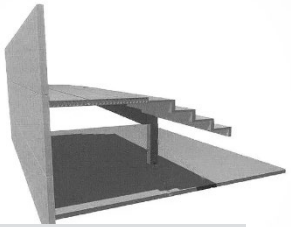
INNOVATIVE PRECAST SOLUTIONS

SPECIAL PRECAST ELEMENTS

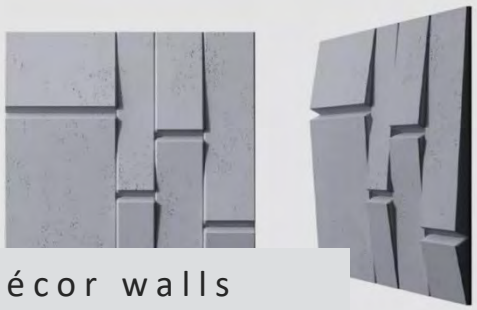


3D elements

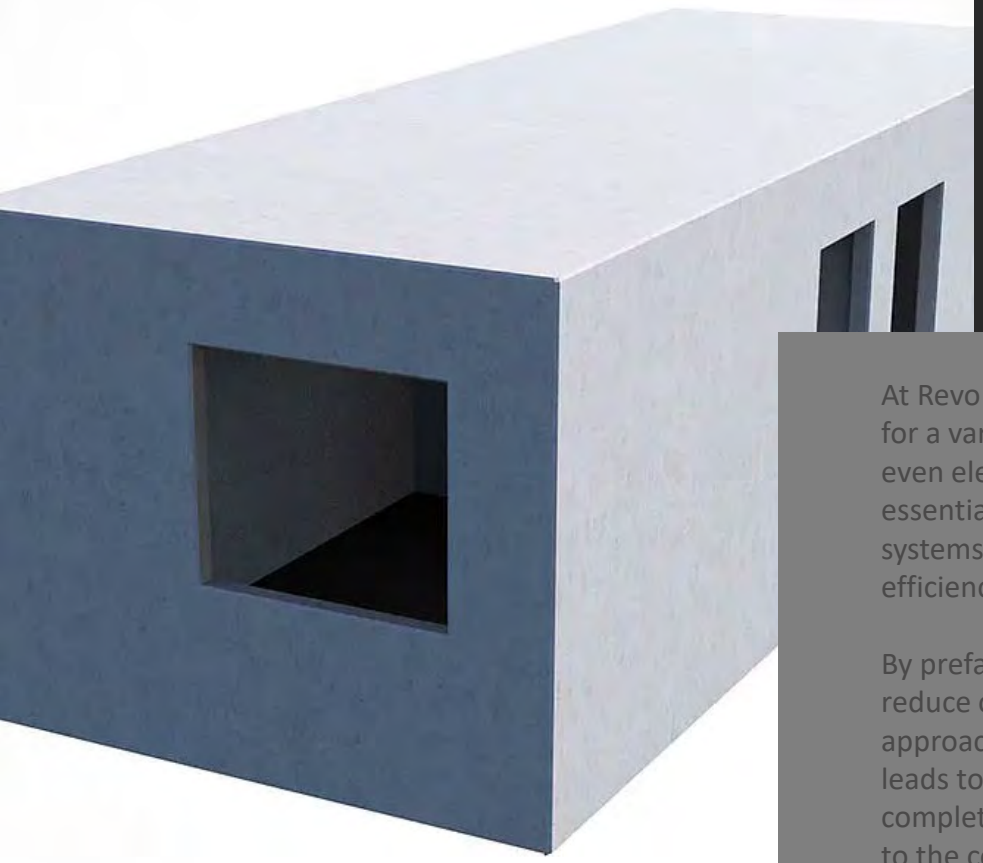
Elements for wind turbines



Stadium constructions



Décor walls



INNOVATE PRECAST SOLUTIONS

3D ELEMENTS

At Revo IBS, we specialize in the production of prefabricated 3D modules for a variety of applications, including bathrooms, kitchens, garages, and even electrical substations. These modules are fully equipped with essential installations—such as plumbing, electrical wiring, and heating systems—during the manufacturing process, ensuring a higher level of efficiency and precision.

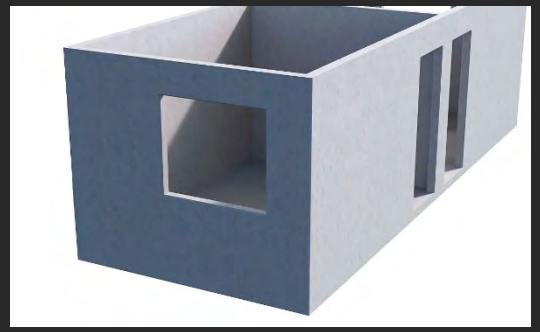
By prefabricating up to 90% of bathroom units, for example, we drastically reduce on-site assembly time, significantly lowering project costs. Our approach to standardization, combined with optimized material handling, leads to faster production timelines and enhanced productivity. Once completed, the 3D modules are carefully loaded onto trucks and delivered to the construction site just-in-time.
Using cranes, the modules are seamlessly placed into their final positions, ensuring a smooth and efficient construction process.

3D elements for your project

3-D elements with flooring plates

Areas of use for the F series - precast concrete elements

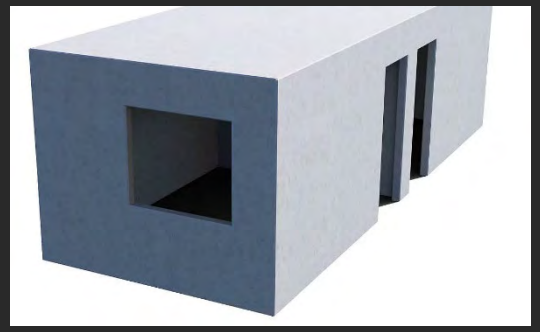
- residential modules
- transformer stations
- water tanks



3-D element with top cover

Areas of use for the R series - precast concrete elements

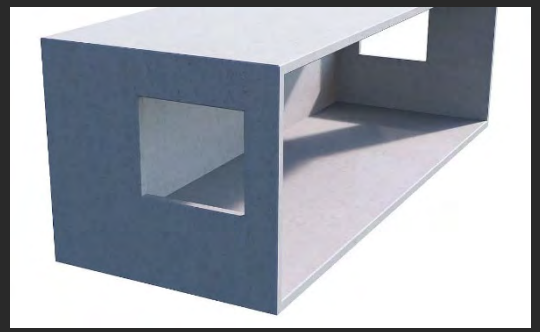
- residential modules
- bathroom units
- garages



Vertical production technology cube modules

Areas of use for the K series - precast concrete elements

- residential modules
- garages



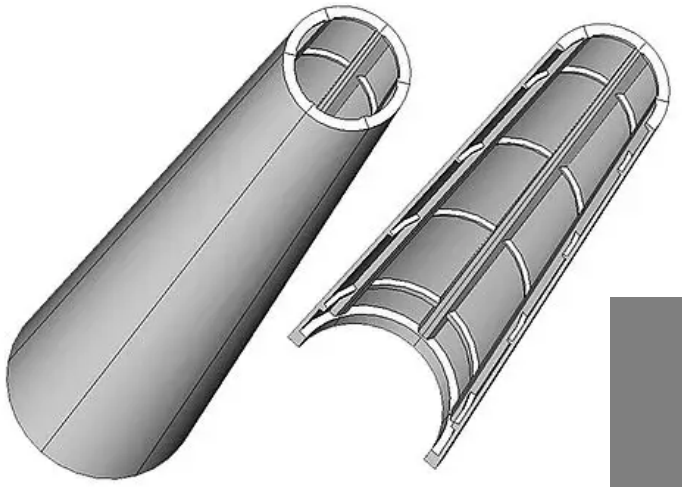
Our spatial precast concrete modules offer versatile solutions with varying degrees of automation.

These modules are designed for 3D elements with lateral walls, combined with roof or floor elements.

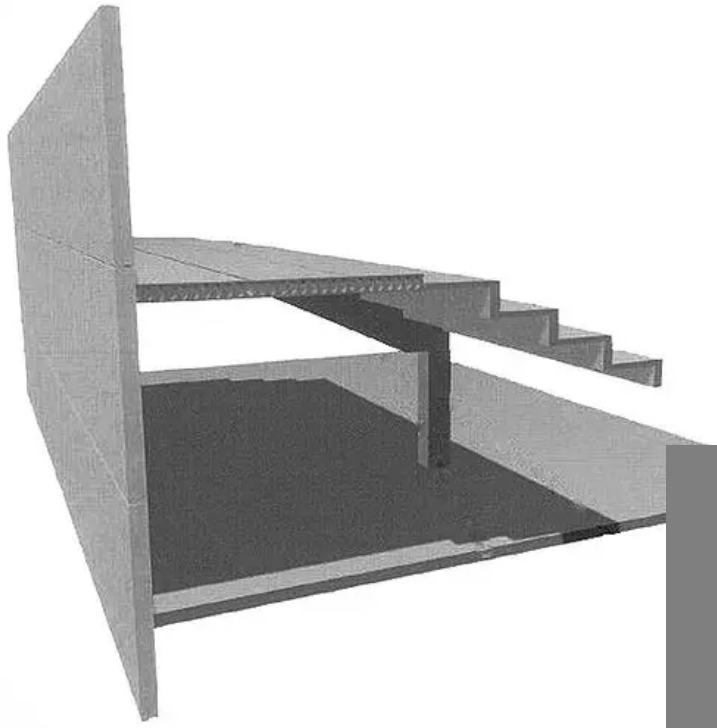
They can be configured with conical or shrinking cores and equipped with shutters for windows, doors, or partitions.

INNOVATE PRECAST SOLUTIONS

ELEMENTS FOR WIND TURBINES



Towers for wind turbines can be manufactured with precast concrete elements. Concrete towers have favorable vibration characteristics and in comparison, with other constructional methods for towers reduce noise emissions.



INNOVATE PRECAST SOLUTIONS

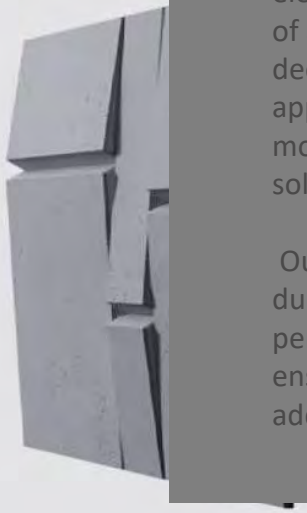
STADIUM CONSTRUCTION

Precast concrete elements are ideal for stadium construction. Principally column-truss structures, which can be designed as a load-bearing skeleton, are used. The floor space for standing room and seating are suspended into this structure.

Construction in precast concrete is ideal for straight and curved stadium stands. The elements have high requirements in surface quality and the large spans offer scope for creative design.

INNOVATE PRECAST SOLUTIONS

WALL DÉCOR ELEMENTS

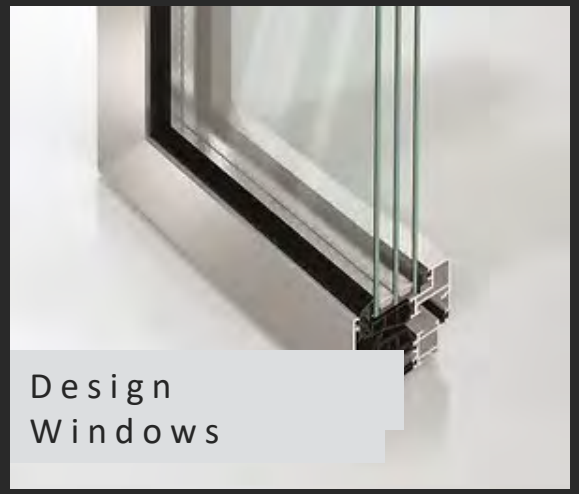


At HOUSE OF URBANIK, we offer a wide range of concrete wall décor elements, crafted to enhance both the aesthetic appeal and functionality of any project. Available in various designs, shapes, and finishes, our decorative wall elements are ideal for both interior and exterior applications. Whether you're looking for modern, minimalist designs or more intricate and artistic patterns, we provide fully customizable solutions to fit your architectural vision.

Our high-quality concrete elements are not only visually striking but also durable, weather-resistant, and low-maintenance, ensuring long-lasting performance. With precision manufacturing and attention to detail, we ensure that every décor element is delivered to the highest standards, adding value to your project.

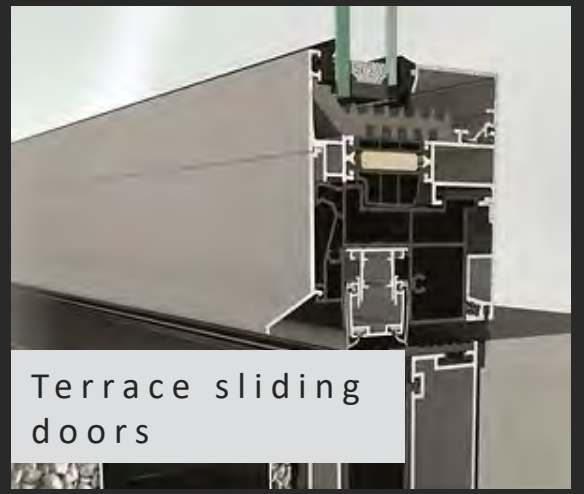
INNOVATIVE PRECAST SOLUTIONS

WINDOWS



Design Windows

Standard windows



Terrace sliding doors

Balustrades

INNOVATE PRECAST SOLUTIONS

DESIGN WINDOWS

SLIM ALUMINIUM CASEMENT SYSTEM

DESIGN WINDOWS are highly energy efficient outward opening aluminium window system, characterised by slim lines, choice of vent profiles and thermal breaks. As they are designed individually, you get high quality profiles with insulation and performance synonymous.

The profile within these windows promises a better glass-to-frame ratio allowing for more glass and more natural light into your home. Available as an outward opening casement window, fixed units, shapes and bays, with an outstanding quality and durability – Design Windows are great long-lasting aluminium window system for any home.

INNOVATE PRECAST SOLUTIONS

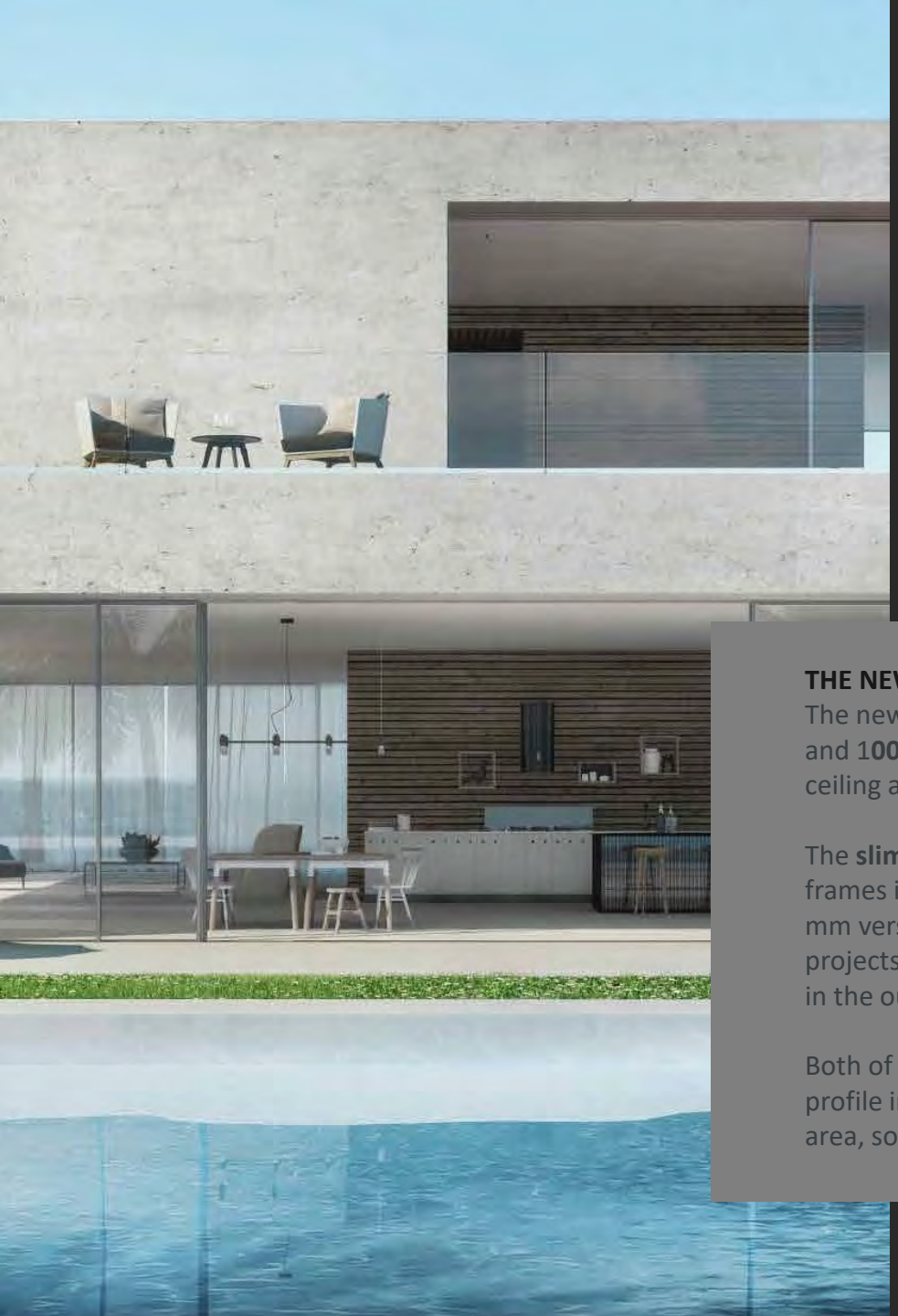
STANDARD WINDOWS

SAVING ENERGY MADE EASY

HOUSE OF URBANIK standard windows impress with their classic look. Many different shapes and colours are possible. The wide range of design options for the windows can help to give the building an unmistakeable style. For a look that outlasts any trend.

The basis for good windows

A high degree of stability, energy efficiency, an increase in value, a range of surface finishes, narrow frame sightlines, smooth operation, minimal maintenance and a long service life. With standard windows from HOUSE OF URBANIK you create quality of life – for a lifetime.



INNOVATE PRECAST SOLUTIONS

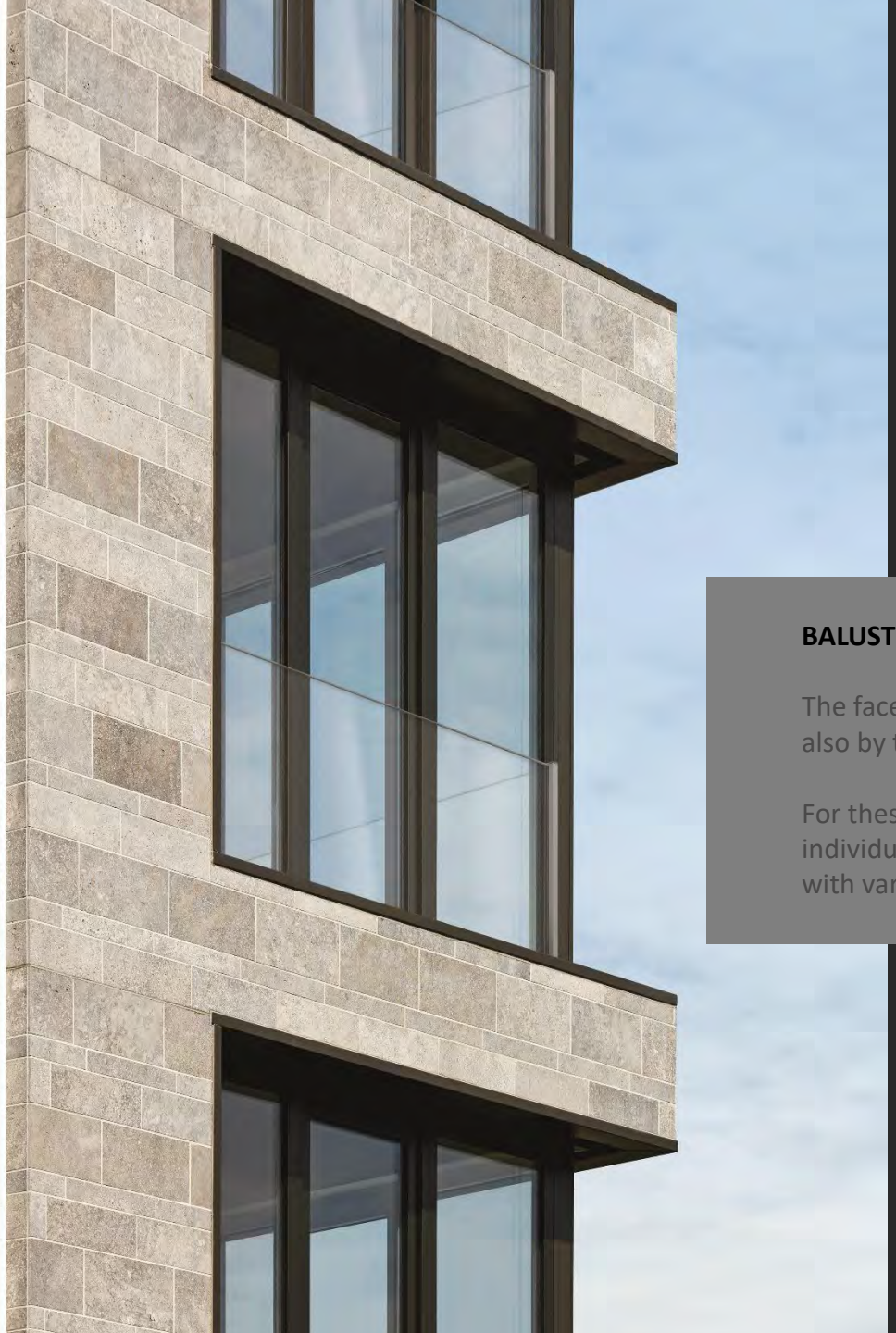
TERRACE SLIDING DOORS

THE NEW GENERATION OF PANORAMIC DESIGN

The new, high-quality Panoramic Sliding System offers flexible, modular and 1**00% panoramic design** to help you convert your wall into a floor-to-ceiling architectural masterpiece.

The **slim interlocking frame** (of only 31mm) and ability to conceal outer frames into your walls with not much space required (in the narrow 57 mm version) makes this door system a perfect choice for the renovation projects! And in the wide 90 mm version, the entire vent can be inserted in the outer frame.

Both of those features -the narrow profiles and the insertion of the vent profile in the outer frame, vastly increase the proportion of the window area, so you can enjoy the panoramic view from your living room.



INNOVATE PRECAST SOLUTIONS

BALUSTRADES

BALUSTRADES

The face of a balcony is defined not only by supports and floor panels, but also by the railings.

For these stylish units, HOUSE OF URBANIK offers you a wide range of individual design options through a combination of different infill units with various balustrade systems.

INNOVATIVE PRECAST SOLUTIONS

SKAFFOLDINGS

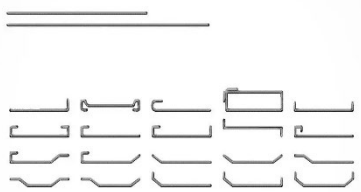
High Narrow

Isolated Structure

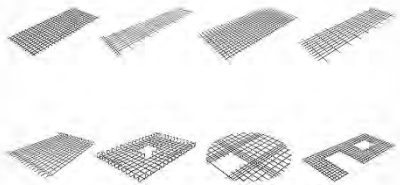
Individually Designed

INNOVATIVE PRECAST SOLUTIONS

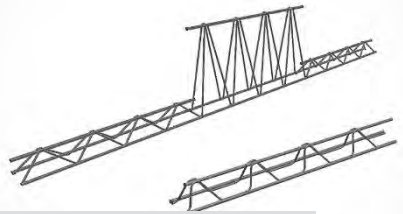
REINFORCEMENT



Bars



Bespoke mesh

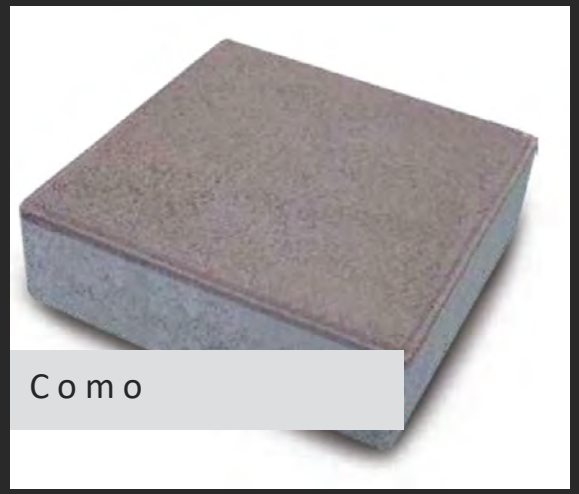


Lattice Griders

Stirrups

INNOVATIVE PRECAST SOLUTIONS

PAVER


Como


Emila


Florence


Latino


Lazio


MIlano


Veneto


Vasto

INNOVATIVE PRECAST SOLUTIONS

PAVER

Parking Kerb

Road Kerb

Lazio

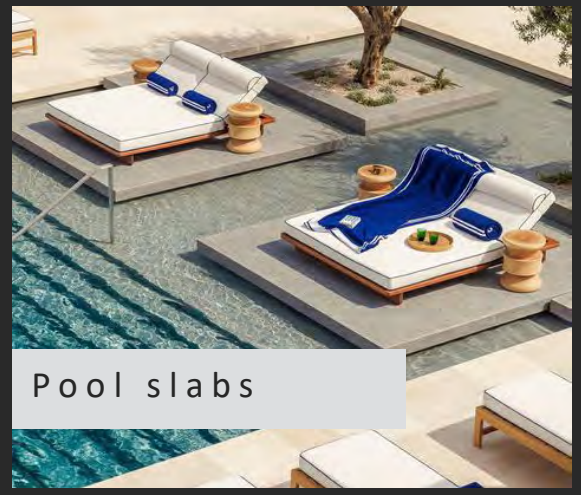
Emilia Port Serie

INNOVATIVE PRECAST SOLUTIONS

CONCRETE FENCE

INNOVATIVE PRECAST SOLUTIONS

LANDSCAPE SLABS



INNOVATIVE PRECAST SOLUTIONS

TERRAIN SLABS

TS -01

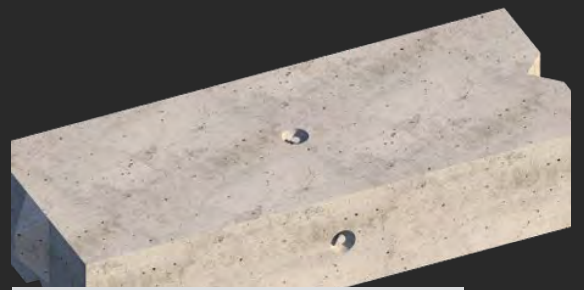
TS -02

TS -03

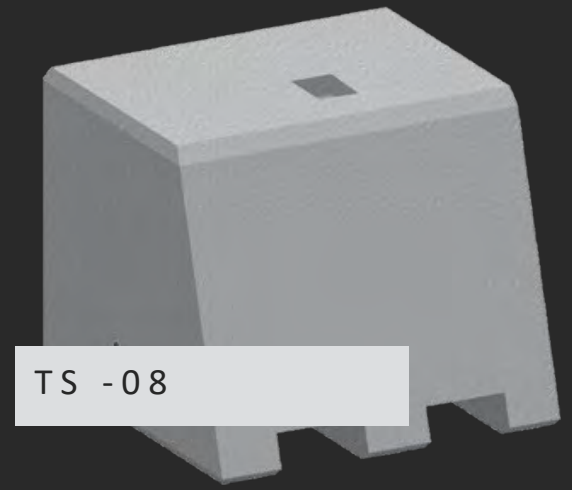
TS -04

TS -05

TS -06



TS -07



TS -08

IMPLEMENTATION

CASE STUDIES

House of Urbanik has transformed the landscape of modern construction through innovative precast concrete solutions. Our advanced technology and sustainable practices have delivered faster, more cost-effective, and high-quality results across residential, commercial, and mixed-use projects globally. From reducing construction time by 30% to minimizing environmental impact, Revo IBS continues to set new standards in the industry.

Sales Focus: Proven Results Across Asia, Europe, and America:

01

Each of these case studies highlights Revo IBS's ability to reduce costs, accelerate construction timelines, and meet sustainability goals across different regions and project types.Lorem ipsum dolor sit amet, consectetur adipiscing elit.

02

With a global portfolio of successful projects, Revo IBS is the trusted partner for developers seeking innovative, efficient, and environmentally friendly building solutions.

Residential Building Bolzano

Challenges: The project required the construction of a many story apartment complex in a high-density urban area with limited space for traditional building methods. The client needed a solution that minimized on-site labor and significantly reduced construction time while maintaining high standards of quality and sustainability.
Despite high standards, costs were kept manageable to ensure future replicability. One building embodies this vision with Green Code climate-controlled ceilings and thermal walls in its multi-story residential construction.

IBS Solution: House of Urbanik provided precast walls, floors, and 3D concrete modules, allowing for rapid assembly on-site. Our fully automated production line ensured the components were manufactured with high precision, reducing waste and maximizing efficiency.

01

Construction Time Reduced by 45%

The project was completed in just 12 months, compared to the industry average of 22 months for similar projects using traditional methods.

02

Cost Savings

By reducing labor hours and material waste, Revo IBS helped the client achieve a 20% cost reduction in the overall project.

03

Sustainability

The use of precast concrete elements contributed to a 25% reduction in CO2 emissions compared to conventional construction.

Mixed Use-Development Innsbruck

Challenges: **A mixed-use development required the construction of residential units, retail spaces, and parking structures over a 3-block area. The client needed an innovative solution to reduce the footprint and environmental impact of the project while maximizing space.**

The housing project in Innsbruck demonstrates how precast concrete elements can create a beautiful, cost-efficient, and resource-saving solution. This marked the first use of precast slabs and core-insulated walls in a high-quality residential development.

HOUSE OF URBANIK IBS Solution: **Revo IBS utilized 3D precast concrete modules and reinforced panels for the residential and commercial units, allowing the development to be completed in phases without disrupting the local environment. The modular approach also enabled creative designs that optimized space and natural lighting.**

01

50% Reduction in Environmental Impact

The use of sustainable precast materials and eco-friendly production methods led to a significant reduction in waste and emissions. HOUSE OF URBANIK IBS was able to source materials locally, further minimizing the carbon footprint.

02

Efficient Project Phasing

The modular construction allowed the residential and commercial units to be completed simultaneously, cutting the total project time in half and reducing overall disruption to the surrounding area.

03

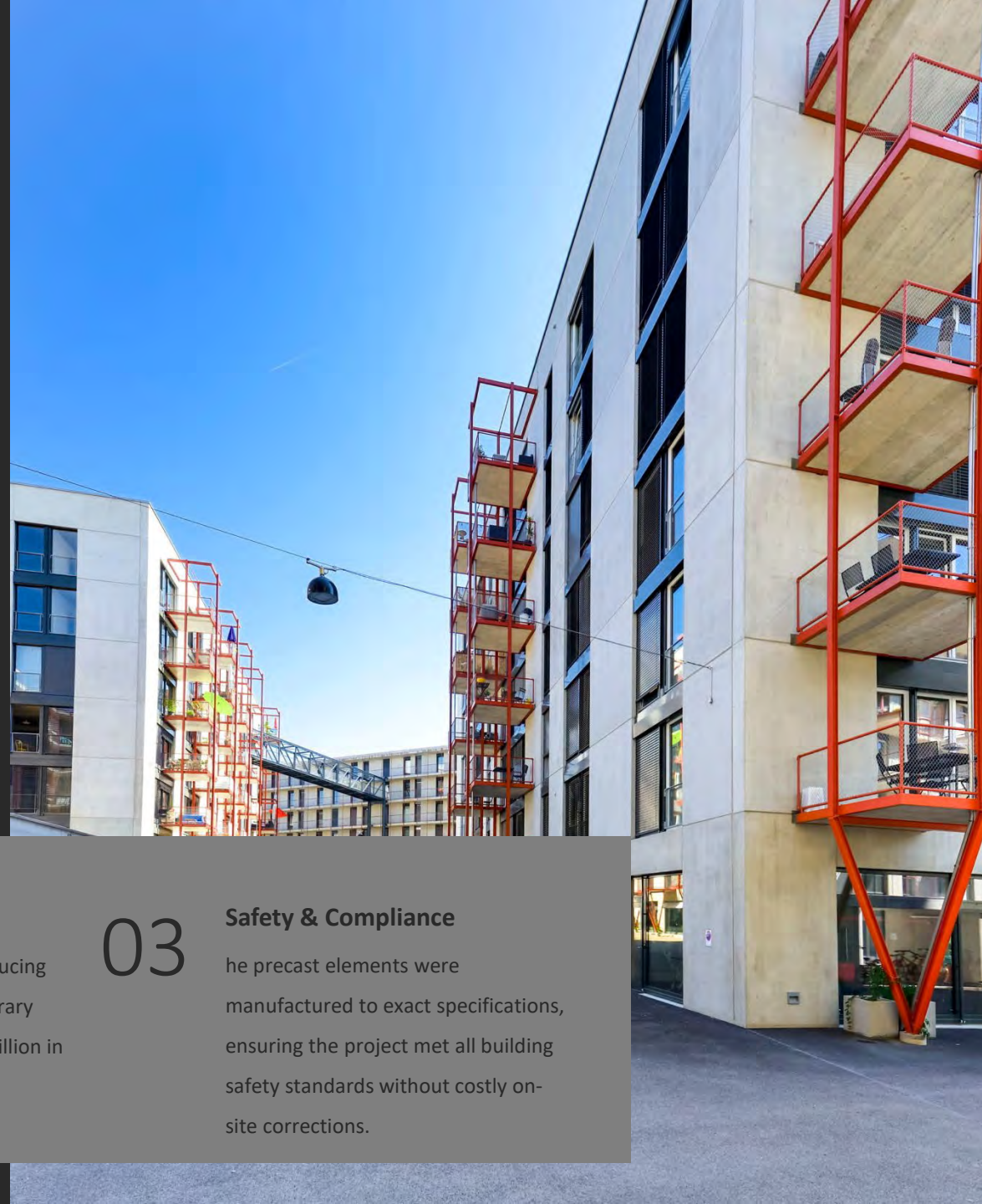
High Occupancy Rate

Thanks to the quality and speed of construction, the development was able to achieve 90% occupancy within the first 6 months, generating substantial revenue for the client.

Apartment Building London

Challenges: The client needed to build an high rise apartment building in the heart of London, a city known for strict building codes and environmental regulations. The project required precision engineering to meet safety standards and sustainability targets.

Revo IBS Solution: HOUSE OF URBANIK IBS supplied custom-engineered precast concrete panels and 3D modules, along with reinforced concrete solutions for the building's structure. By using modular precast components, we were able to meet the tight construction timeline and the client's environmental goals.



01

30% Faster Construction

The modular approach reduced construction time by 8 months, allowing the client to meet the project deadline and open the building for occupancy ahead of schedule.

02

Cost Control

By minimizing on-site labor and reducing the need for scaffolding and temporary supports, the project saved € 1,5 million in labor and materials costs.

03

Safety & Compliance

he precast elements were manufactured to exact specifications, ensuring the project met all building safety standards without costly on-site corrections.

INNOVATIVE PRECAST SOLUTIONS

TRUSTED BY INDUSTRY LEADERS

HOUSE OF URBANIK IBS
is trusted by top developers and construction companies worldwide.

HOUSE OF URBANIK

Building The Future

STRONGER –SMARTER –FASTER

For collaborations, construction, architectural design, or prefab orders, contact us at:

For global expansion and client relations, please reach out to:

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bijan@houseofurbanik.com • +34 691 49 39 03

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THE FUTURE TOGETHER

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