formee

for you!

CATALOGUE

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SUSTAINABLE DEVELOPMENT

Social awareness and sustainable development, combined with environmental threats, are prompting more and more people to act responsibly and to make decisions that have a real impact on the quality of the world around us. We produce our concrete and lightweight expanded clay concrete elements so that they are exceptionally durable and environmentally

ABOUT US

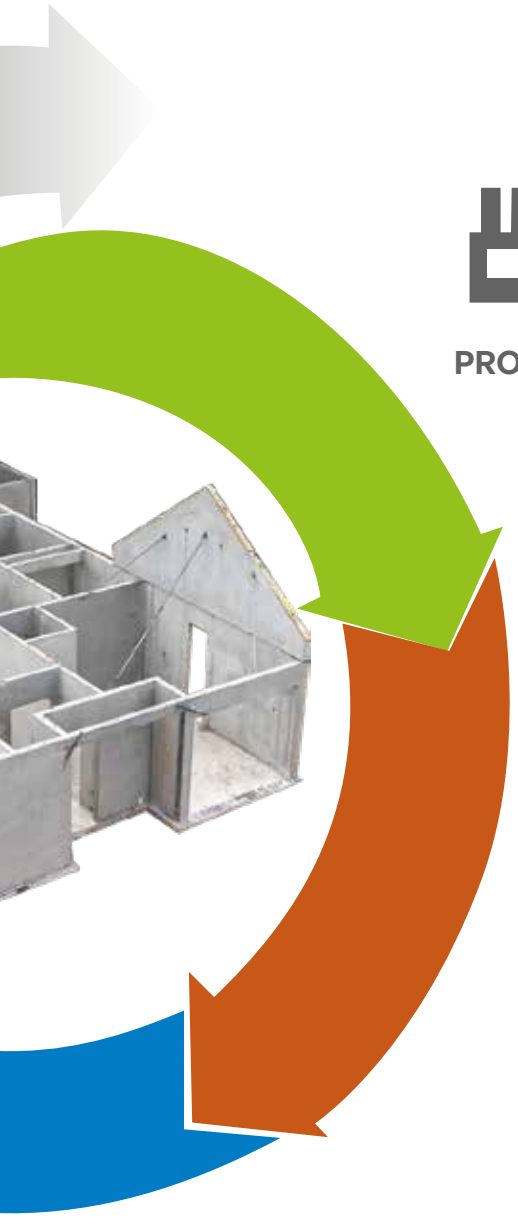
friendly, while still performing their function and remaining comfortable for users. The technology behind precast elements helps to reduce CO2 emissions and supports sustainable development. Precast concrete is therefore an ecological solution that improves environmental quality and limits the negative impact on our planet.

Formee is a leading company specialising in the manufacture of precast concrete elements. Our work is based on the latest knowledge and technology, so that we can deliver proven, safe and durable solutions.

Every project we deliver is valuable experience for us. We make sure that all processes run correctly, from design through to production. Thanks to experienced and highly qualified specialists overseeing the manufacture of our elements, every finished product undergoes detailed inspection to guarantee the highest quality.

Our goal is to focus on the client's needs, which is why we adapt all our processes to meet your expectations. Our precast concrete elements are well regarded in the construction industry and are a guarantee of quality and reliability.

Our varied range means we can meet any construction need. Our solutions not only satisfy technical requirements but also meet the highest quality standards. We deliver solutions that live up to the expectations of even the most demanding clients. Working with us, you can be sure that your construction projects will be carried out with the greatest care and professionalism. The sustainable architecture standards we apply guarantee safe and durable structural solutions.



PRODUCTION

CONSTRUCTION

EBAWE
PROGRESS GROUP

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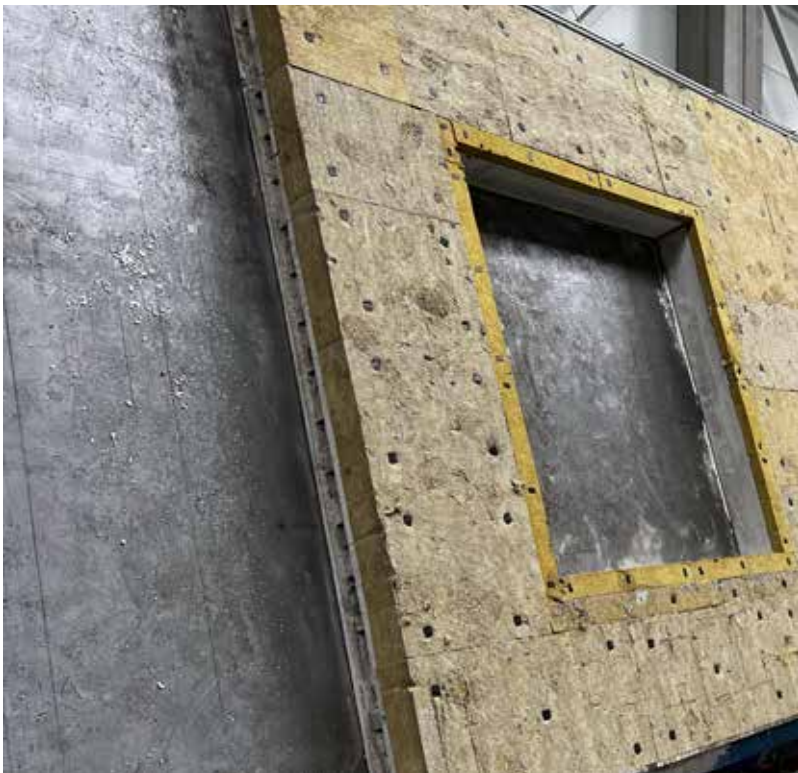
PROGRESS GROUP



PROGRESS GROUP

PRODUCTION

A modern precast concrete plant is, above all, a byword for innovation and efficiency in the manufacture of precast elements. Every production stage is carefully planned and monitored, which guarantees the highest quality of the finished components.

The state-of-the-art technology used in our plant makes it possible to produce concrete elements even with the most complex geometry — shapes that would be difficult to achieve in traditional site conditions. Advanced moulds allow architectural designs to be reproduced precisely.

The plant is equipped with automated systems for mixing and batching the concrete constituents, which keeps the mix consistently perfect; this in turn translates into the homogeneity and durability of the finished elements.

Thanks to an experienced crew and extensive production capacity, we are equal to any design challenge.

Find out more
on our website

TRANSPORT AN
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TRANSPORT AND INSTALLATION

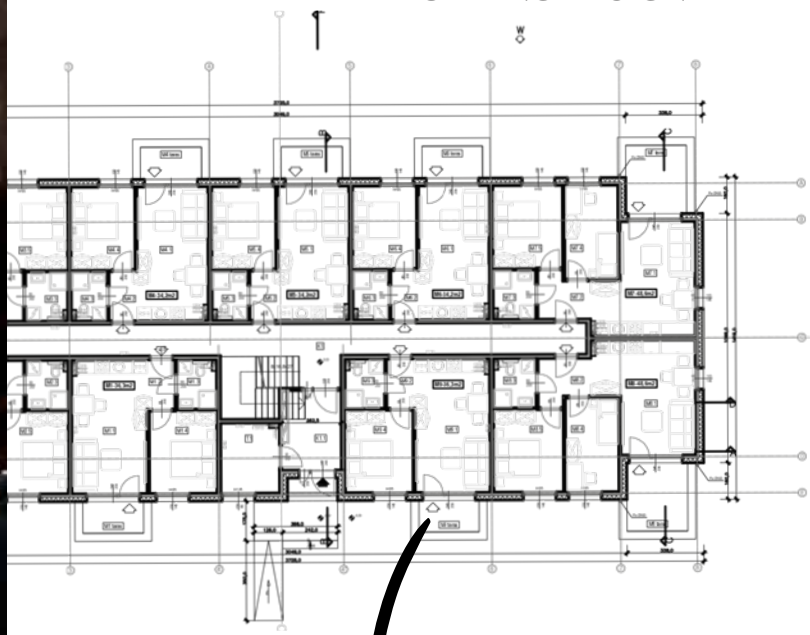
What sets us apart is the completeness of our offer. We not only supply precast elements but also provide transport and installation services, which makes the construction process considerably easier for our clients.

We operate a specialised vehicle fleet that allows us to support construction projects comprehensively across Poland and throughout Europe. Professional project management ensures reliable, on-time deliveries. This lets us meet any transport task in the construction industry. The knowledge and experience we have gained in transport is our clients' guarantee of high-quality service and timely delivery.

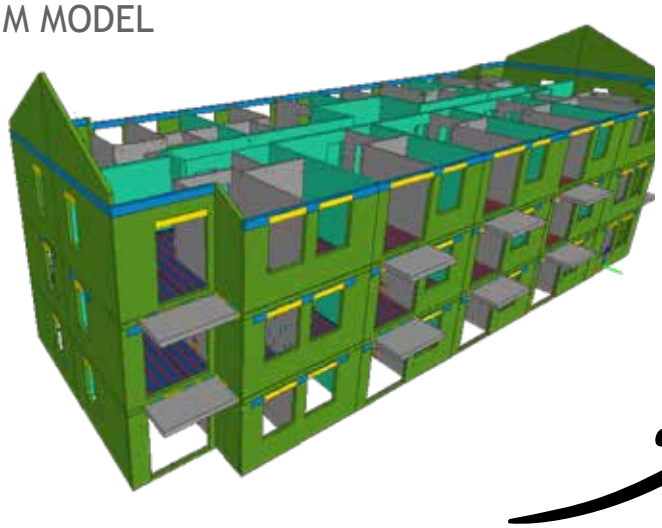
Our installation services are based on the best standards and on the many years of experience our staff have gained on the largest construction sites in Poland and in Europe.

Find out more
on our website

BUILDING DESIGN



BIM MODEL



DESIGN

MACHINERY

We offer our clients professional, comprehensive design services, which means we support them from the initial analyses right through to everything needed during project delivery.

Our services include, among others:
- cost calculation and optimisation;
- preparation of design documentation;
- verification of loads;
- preparation of technical designs;
- design supervision.

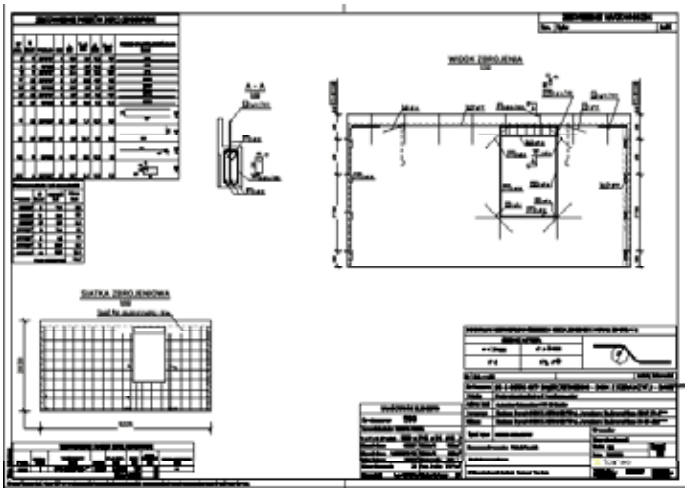
We prepare complete shop drawings for precast concrete together with verification of the structural design.

IMPACT
BIM Software for Precast Design, Production & Project Management

We design to modern BIM standards

In our work we use BIM (Building Information Modeling) tools to plan and manage construction projects. They speed up processes, minimise errors and improve cooperation between trades. The data obtained through this technology is used throughout the production process and in stock management, and makes it possible to reduce waste. BIM allows realistic building models to be created and managed across their entire life cycle, which eliminates clashes and makes the building easier to control. It is an essential tool in the construction industry.

SHOP DRAWINGS



FEM-Design

Find out more on our website

QUALITY

The quality of raw materials is a priority for us. We use the highest-grade cement, carefully selected aggregates and special admixtures. We make sure that every batch of materials meets strict quality standards.

Our production process is carefully thought through and automated. The team consists of experienced engineers and specialists who take care of every stage of production. The moulds are precisely designed, and the finish of the elements is both attractive and durable.

Quality control plays a key role in our production process. We regularly take concrete samples for tests of strength, density and other parameters. As a result, every precast element meets the highest standards.

Our precast elements are resistant to weather conditions, which is extremely important in construction. Additional surface protection guarantees durability and good looks for many years.

Our company is certified and operates in accordance with the latest standards and industry practice. You can therefore be confident that our products meet all technical requirements.

PLASTERING

BENE

There is no need for plastering, because the surface quality of our elements allows them to be classified in plaster category III. All wall surfaces can be smoothed with a skim coat. After installation, the deviation of intersecting wall planes from the designed angle does not exceed 3 mm per 1 m – the value for plaster category III under PN-B-10100:1970.

MORE USABLE FLOOR AREA

Designing a building around precast elements makes it possible to achieve a higher usable floor area for the same overall building footprint. This is achieved by optimising wall thicknesses — a very important factor in increasing the investor's revenue.

SHORTER BUILD TIME

The precast method makes it possible to erect buildings at a pace that goes beyond what conventional construction can achieve. This approach shortens the duration of the investment and reduces construction costs.

BENEFITS OF PRECAST

OTHER BENEFITS OF PRECAST

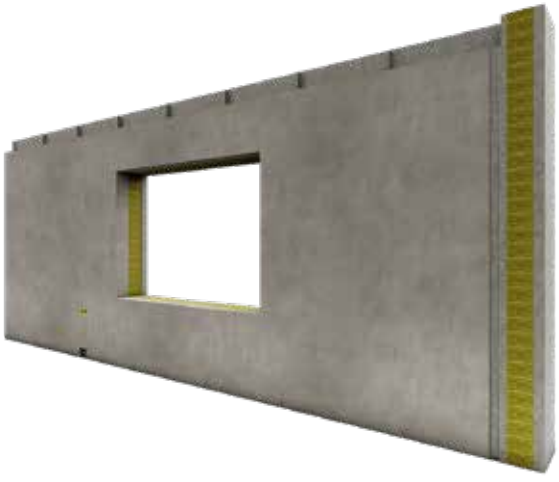
- high fire resistance of precast elements;
- greater resistance to aggressive biological and chemical environments;
- fast installation of elements – regardless of the prevailing weather conditions;
- logistics – walls arrive on site ready for installation immediately after unloading;
- convenience and savings – walls come with window and door openings and integrated ring beams;
- a minimum of wet trades, with the whole construction process significantly shortened;
- time – a single-storey precast detached house assembled in 2 days;
- savings – walls do not need to cure on site; work can continue a few days after installation;
- flexibility of the precast system – any design can be produced;
- allergy-friendly homes – a favourable indoor climate in buildings made from our precast elements;
- in our system, lightweight expanded clay concrete is non-combustible, chemically neutral and resistant to moisture, mould and fungi.

Find out more on our website

SINGLE-LEAF WALL

TWO-LAYER WALL

SANDWICH WALL



PRECAST WALLS

We offer a wide range of products that allow for a variety of applications. Our extensive range opens up practically unlimited possibilities for their use.

For those looking for simple and reliable solutions, we recommend solid walls. These products replace traditional masonry or reinforced concrete walls while retaining their load-bearing and partitioning function. They deliver solidity and durability in every project.

If, on the other hand, you need more advanced solutions, we have multi-layer walls for you. These innovative products not only provide load-bearing capacity and functionality but are also supplied with complete thermal insulation and a finished facade layer. They let you save energy and enjoy an attractive facade finish.

Our product range is flexible and adapted to different needs and projects. Whether you need simple or advanced solutions, we are ready to supply the right products to meet your expectations. Get in touch and we will gladly help you choose the best solution for your project.

Find out more
on our website

FILIGREE FLOOR SLAB

SOLID FLOOR SLAB

PRECAST FLOOR SLABS

Our wide palette of floor products is an indispensable tool that lets us adapt perfectly to the varied requirements of designing and building floor structures. Depending on the span, the loading and the shape of the floor, our range ensures flexible and effective solutions.

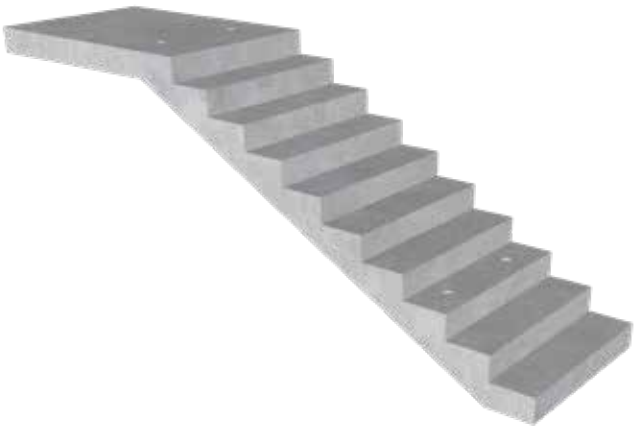
Filigree slabs, as a semi-precast element, are an excellent choice for residential buildings. Combining the properties of the solid slab with those of the filigree floor creates almost unlimited possibilities in design and construction. It is a solution that brings together solidity and efficiency — particularly important in housing.

Find out more
on our website

STAIR

STRAIGHT STAIRS

STAIRS WITH LANDING



LANDINGS

STAIRCASE ELEMENTS

Precast staircase elements are an exceptionally convenient alternative to stairs cast traditionally on site. Our precast stairs are designed and manufactured to individual order, which means they fit the specific project perfectly and meet all its requirements.

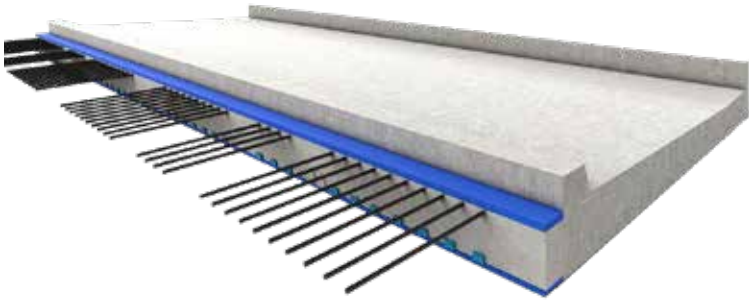
One of the main advantages of precast stairs and landings is the considerable reduction in construction time. Thanks to the available configurations, adapted to each project, installation of these elements is fast and efficient. We offer both internal and external stairs, allowing free and safe movement between the storeys of a building.

Our precast stairs are used in a wide variety of buildings: detached houses, multi-storey residential buildings, large industrial halls, hotels and other public buildings. Installing them provides immediate, safe access to floor level, which is extremely important for the comfort of building users and the efficiency of the construction process.

By choosing precast staircase elements from Formee, you can be sure of a solution tailored to your needs, guaranteeing high quality and durability. Our company is ready to meet even the most demanding projects, providing professional advice and comprehensive client support at every stage of the project.

Find out more
on our website

BALCONIES



BALCONIES

BALCONIES

Precast balcony slabs are a complete construction solution: a finished building element manufactured in an advanced precast plant. One of the key advantages of this product is its flexibility, which allows it to be adapted to the client's individual needs. It is worth noting that the slabs can be fitted with a built-in thermal break of the Isokorb type, which further increases their value and energy efficiency.

Using precast balcony slabs makes the construction process significantly easier. Unlike the traditional method, there is no need for formwork or special temporary structures. The slabs are delivered ready for installation, which considerably speeds up the build.

An extremely important advantage of this solution is the ability to match the element to a specific project. At Formee we specialise in producing balcony slabs in various shapes, including rectangular, trapezoidal and curved. Thanks to advanced equipment and the experience of our team, we can guarantee high quality and precision, even on more demanding projects. Complex geometry is no constraint for us.

Find out more
on our website

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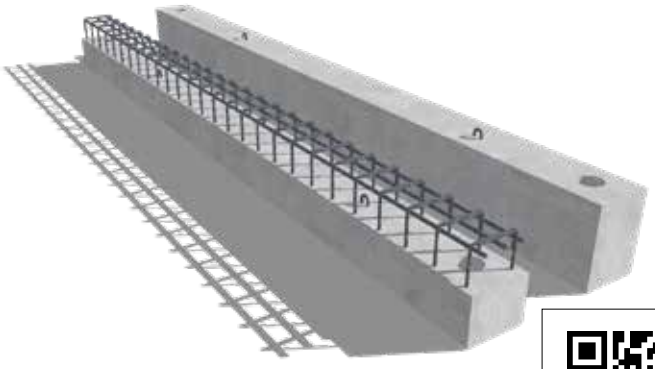
BEAM

COLUMNS

BEAMS



BEAMS AND COLUMNS

Precast columns and beams are the foundation of modern solutions in the construction industry, and manufacturing these elements in the factory harmoniously combines the latest technology with craftsmanship. Every column and beam we produce is the result of a careful production process in which the details matter enormously.

Our production process is based on advanced technologies that ensure the highest quality. Automated systems for mixing the concrete constituents guarantee excellent consistency and material quality. Thanks to advanced moulding technology, we can create elements with precise dimensions and a perfect finish — something that matters greatly on site.

GREENERI PARK

Country: Poland
Location: Świnoujście
Year of construction: 2023
Building type: multi-family housing
Duration: 11 months
Elements supplied:

- walls
- columns
- beams
- filigree floor slabs
- balconies
- solid floor slabs

Scope of services:

- design
- production
- delivery
- installation

PROJECTS

SEMI-DETACHED HOUSING SCHEME

Country: Poland
Location: Międzyrzecz
Year of construction: 2023
Building type: single-family housing
Duration: 2 weeks
Elements supplied:

- walls
- beams
- filigree floor slabs
- stairs

Scope of services:

- design
- production
- delivery
- installation

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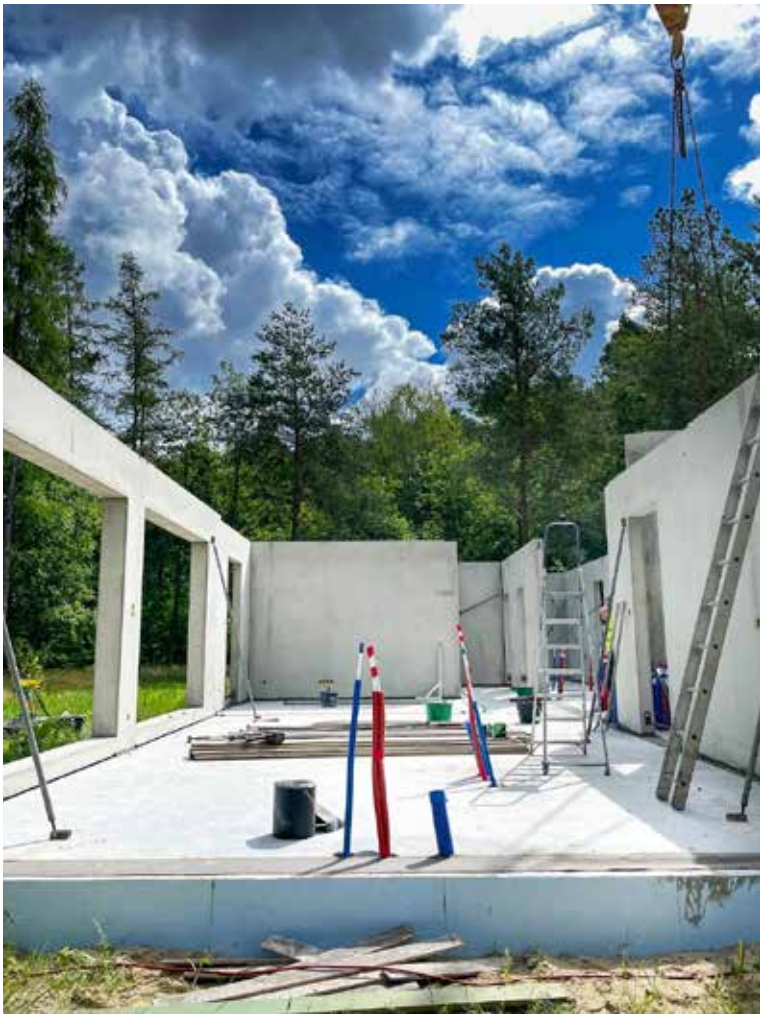

DETACHED HOUSE

Country: Poland
Location: Warsaw
Year of construction: 2023
Building type: single-family housing
Duration: 1 day
Elements supplied:

- walls

Scope of services:

- design
- production
- delivery
- installation

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