

An aerial photograph of a cityscape featuring a prominent, modern building with a stepped, terraced facade made of precast concrete. The building is situated near a river or canal, with other urban buildings and a parking lot visible in the foreground. The sky is hazy, suggesting a bright, overcast day.

Concrete Valley®

precast concrete solutions and products

www.concretevalleygroup.com

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CONCRETE VALLEY GROUP

Concrete Valley represents expertise, craftsmanship and innovation in sustainable solutions. We bring ideas to life and create precast concrete solutions and products on our own 80,000 square meter site in the south of the Netherlands. Our elements are made for commercial, infrastructure, offshore, industry, residential buildings and for big renovation and transformation projects.

A SUSTAINABLE GROUP

we are self-aware that we need to take care of our planet. Concrete Valley is producing sustainably. This strategy is fully embedded in our business model and culture. In addition to producing concrete elements responsibly, for which we received CSC Gold, we work daily to become an increasingly sustainable business. This translates into innovative production methods, research and testing, produce with alternative materials, electrical equipment and our own generated energy.



Concrete Valley®

EVERYTHING IS POSSIBLE

Concrete Valley brings together leading design and manufacturing expertise to create truly innovative precast concrete product solutions for the residential, construction, and industrial sectors.

At Concrete Valley we make even the most ambitious architectural visions a reality. We have been crafting architectural concrete products for more than 100 years. The resulting industry-leading experience and technical expertise has enabled us to develop new techniques, innovative solutions and higher-performing products. We are redefining what is possible with concrete and challenging the perceptions of concrete's environmental credentials.

INNOVATIVELY DIFFERENT

Innovation is at the heart of everything we do. Innovation enables us to provide elegant solutions to complex problems, to manufacture components that others would say cannot be made. Through innovation we can create reinforced concrete, lighter concrete, more sustainable concrete; we can push the boundaries of what's possible. We innovate to give architects more scope to be daring and pioneering and creative. We innovate to reduce waste, to reduce lead-times, to reduce carbon emissions and to reduce cost.

ESSENTIAL AND SUSTAINABLE

Concrete is the world's most used building material for good reason – it's versatile, strong, durable and abundant. It remains essential for the construction of buildings and the civil infrastructure to support growing populations across the globe.

The cement industry is believed to be responsible for more than 5% of global CO2 emissions. At Concrete Valley, we don't hide from this fact – instead we ensure that sustainability principles are embedded in our business model, our culture and our strategy. By continuously improving both our production methods and materials we are leading the industry in finding innovative ways of significantly reducing the Carbon footprint of our products. With a fully automated, state-of-the-art production facility, **we optimise the use of ingredients and have all but eliminated waste.** The 3,800 solar panels covering the roof of our factories mean we are not only self-sufficient – we actually generate three times more power than we use, enabling us to feed green electricity back to the grid.

In recognition of our considerable success in all areas of sustainability, we have been awarded the Gold certificate by the Concrete Sustainability Council.

Concrete Valley®

ONE TRUSTED SUPPLIER

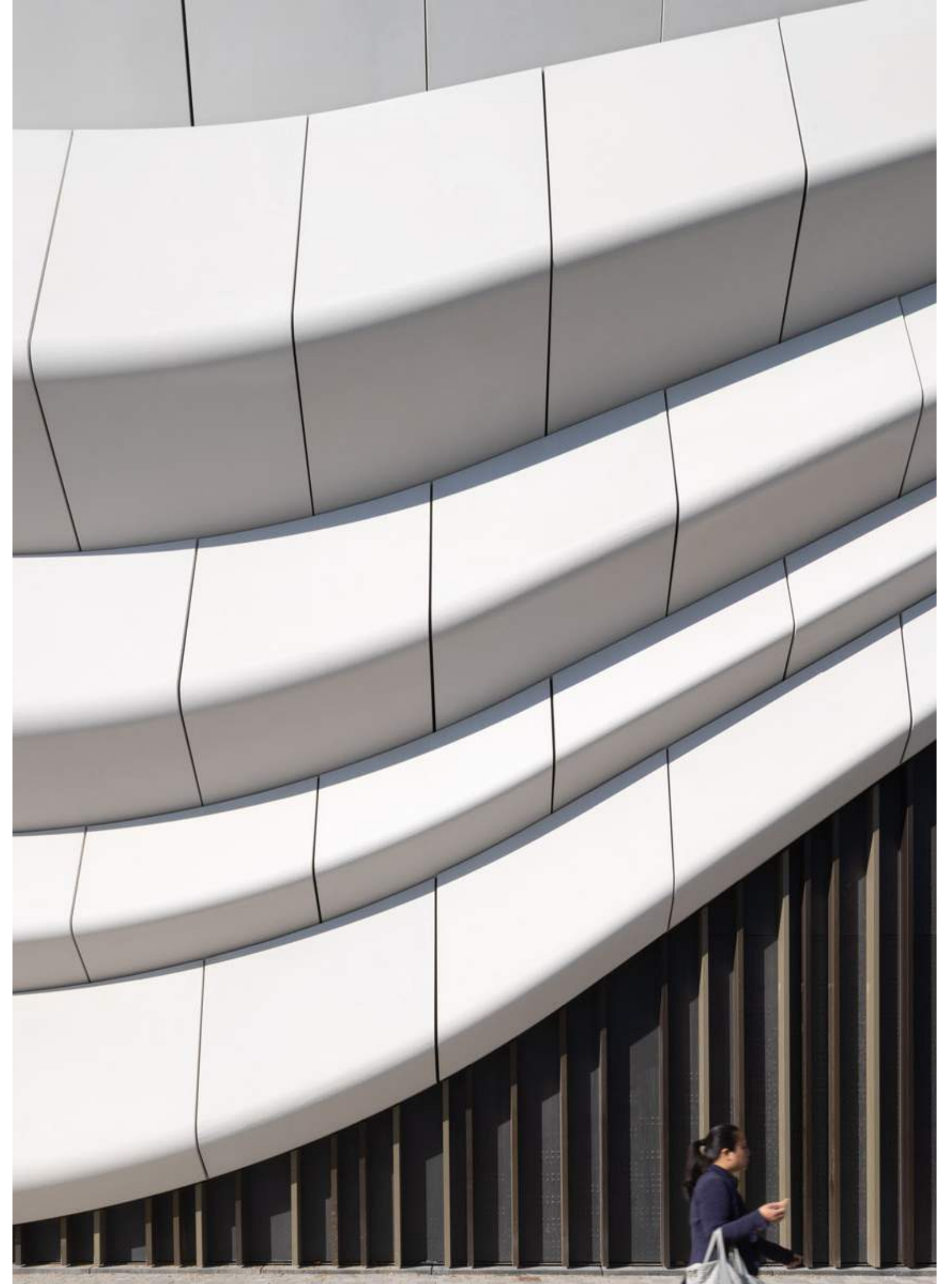
- By seamlessly amalgamating the capabilities of different business divisions with complementary skillsets, we have become a hugely successful business. We are industry-leading precast concrete specialists with great knowledge and expertise across five main disciplines:
- Concrete infrastructure
- Architectural High Performance Concrete facades
- Precast concrete
- Cantilevered concrete balconies and walkways
- Offshore concrete
- It's not unusual for us to supply multiple products and services to a project and our project managers are experts at coordinating everything to arrive just when you need it. Customers value the convenience of having one supplier with a single point of contact for all their precast concrete needs.



Concrete Valley®

PROVIDING SOLUTIONS

- Whether you need bespoke structural concrete beams, architectural GRC and HPC rainscreen facades, precast concrete culverts or retrofittable precast concrete balconies, with Concrete Valley, you'll get far more than just precast concrete products – our concrete specialists provide solutions. From the initial project scoping to the design, engineering, manufacturing, delivery and installation, we'll be with you every step of the way.
- However challenging the brief, we'll work with you to find a bespoke solution that meets your project needs, both in terms of performance and aesthetics. We have built a reputation for providing precast concrete solutions to some very ambitious and architecturally stunning landmarks – not only in the UK, but right across Europe.





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APPLICATIONS

PRECAST CONCRETE SPECIALISTS

At Concrete Valley we have designed and manufactured precast concrete products for all sorts of different applications – from large civil engineering projects to industrial, commercial, and residential buildings. People are often impressed by our ability to make the seemingly impossible possible. If it's made of precast concrete, the chances are that we can help.

Our product solutions usually fit into the following categories (though if you have something else in mind, do get in touch):

- **Concrete facades**
- **Structural precast concrete**
- **Bespoke architectural concrete**
- **Cantilevered concrete balconies and walkways**

We have developed a range of innovative types of concrete, including Glass–fibre Reinforced Concrete (GRC), High–Performance Concrete (HPC), Ultra–High–Performance Concrete (UHPC), light–weight concrete, sustainable concrete, Ferrocement and more. Our experts will assess your project requirements and then specify the perfect mix for the job.

Did you know – GRC has a 100 year design life and an A+ rating from the Building Research Establishment (BRE).

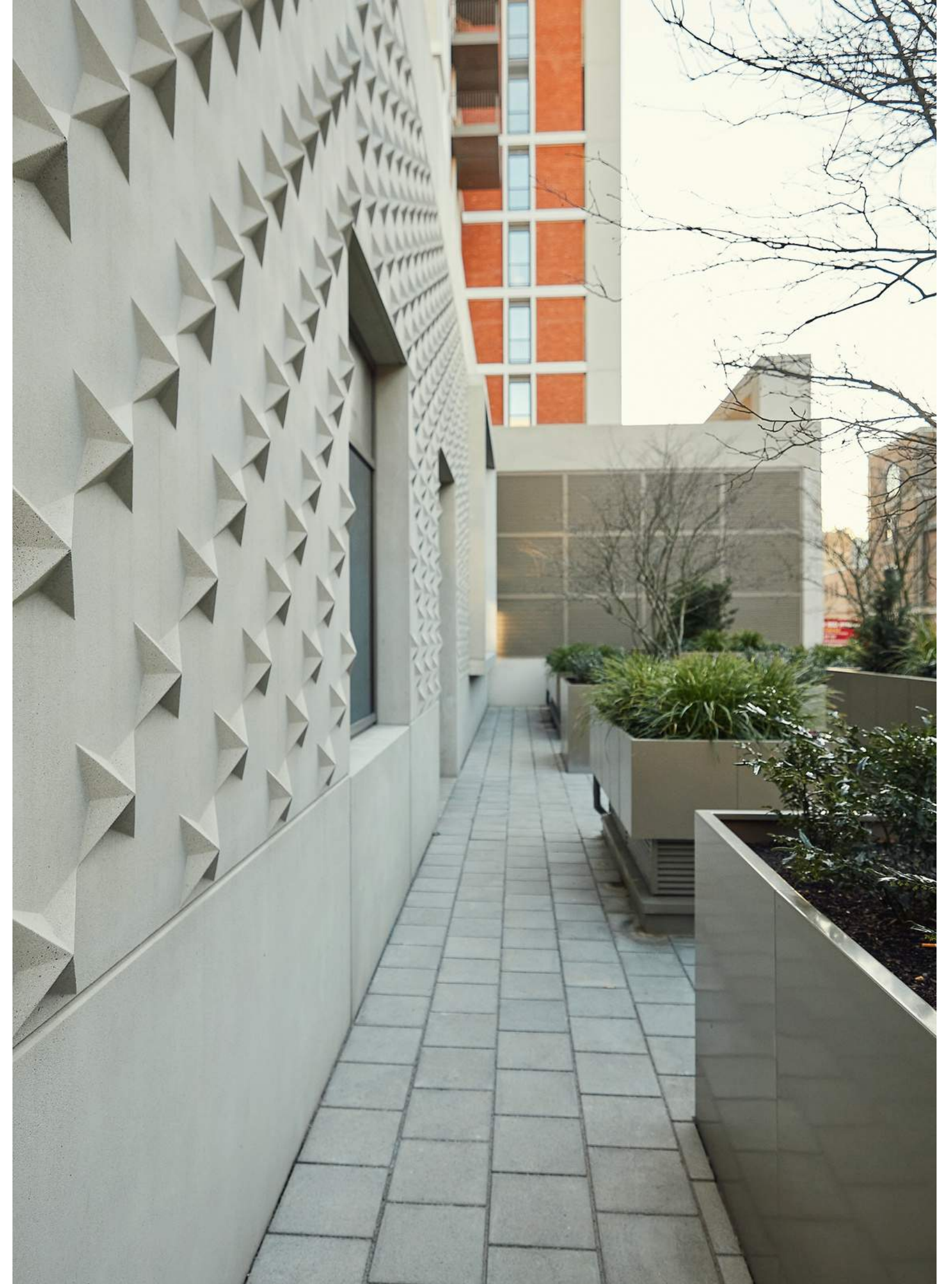
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CONCRETE FACADES

The façade of any building plays a huge role in defining how that building sits within its environment aesthetically. Whether the façade is made from high performance concrete, glass, metal, brick, stone or timber, it is the façade that makes the important initial impression, it defines the style of the building and gives it its unique character.

But it's not only about the looks – the façade must also be practical and functional, it must withstand the wind and the rain, it must be durable and reliable, it must be easy to maintain and still look great as the building matures over the decades to come.

At Concrete Valley, we have perfected the art of creating facades that perform to the highest standards and define the character of the building. We have unrivalled expertise in designing and manufacturing architectural concrete facades that are shaped and curved to stunning effect. We can create High Performance Concrete facades that mimic the appearance of natural stone or brick, concrete cladding that is smooth or textured, HPC facades with 3D designs and geometric shapes, GRC rainscreen, sustainable rainscreen, coloured concrete... the list goes on.



ARCHITECTURAL CONCRETE

Over the years, Concrete Valley has redefined what is possible with concrete. By investing in our design software and sophisticated machinery, and by supporting our experienced team to be the best that they can be, we can offer architectural concrete solutions that combine exceptional performance with breath-taking aesthetics.

From beautifully curved concrete surfaces, to striking geometric shapes and pleasing stone-effects, our architectural Glass-fibre Reinforced Concrete solutions are design features that are noticed and admired. Whether you need concrete stairs, precast concrete columns, concrete roofs or precast concrete ceilings, at Concrete Valley we aim to deliver architectural and structural concrete solutions that transform a building or structure into a design statement. These architectural concrete solutions are only possible because we have invested the time and resources necessary to create innovative products and processes. And it's not just about the concrete itself – take, for example, our pioneering work with moulds. By using flexible or adjustable moulds, we have perfected the art of manufacturing multiple uniquely-shaped components from a single mould. This reduces waste, saves time and money, and makes otherwise unfeasible projects viable.



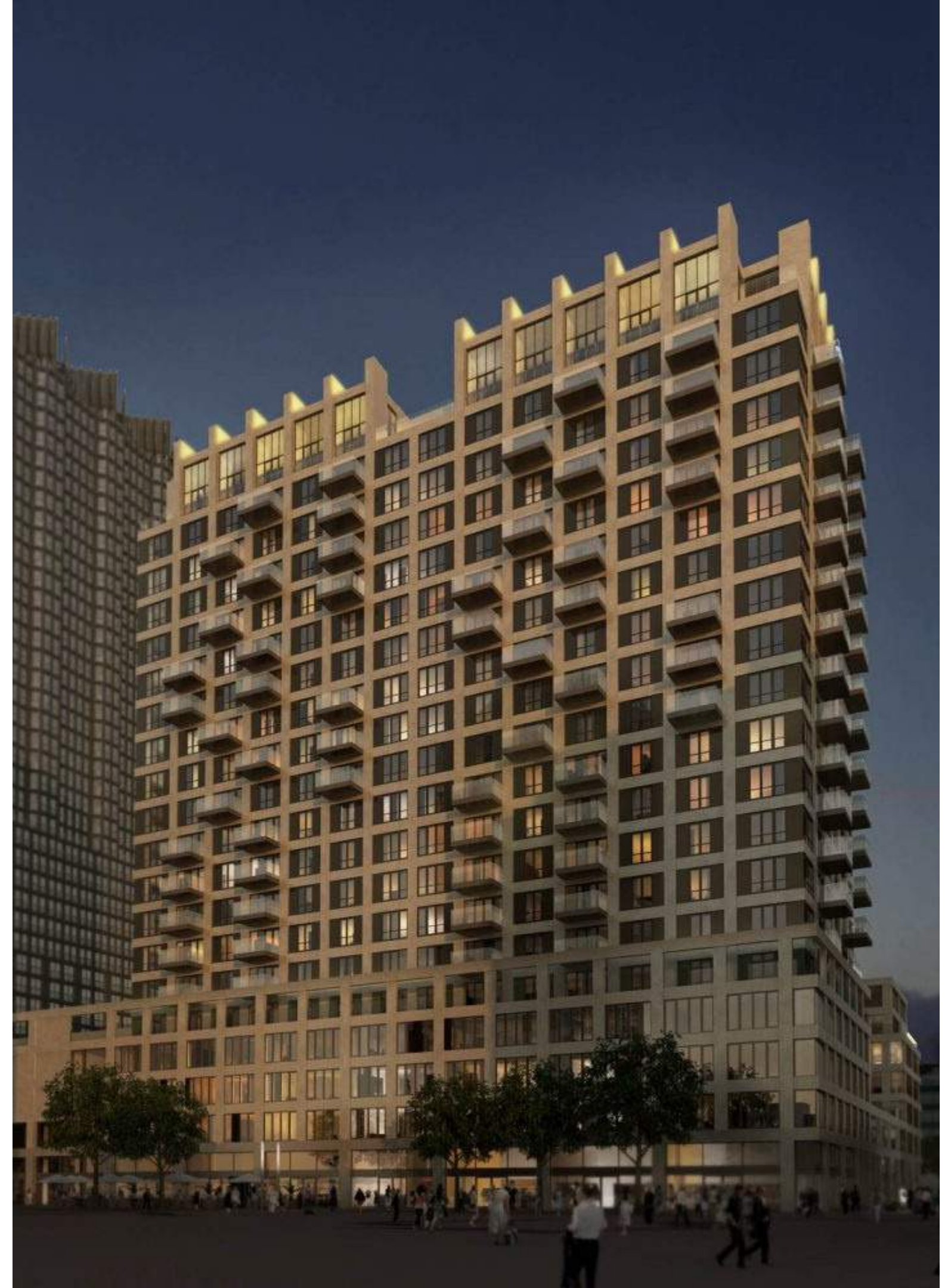
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CONCRETE BALCONIES

Concrete Valley's Ferrocement combines a unique mix of materials with fine mesh reinforcement to achieve an industry-leading high-strength formula that can create elements that are 70% lighter than standard concrete elements. The high-density surface has the added benefits of being less likely to develop micro-cracking, efflorescence and lime-bloom.

This unique ability to design and manufacture elements that are both significantly stronger and lighter means that we can provide product solutions that might otherwise be considered impossible. A particularly innovative product solution is our pre-cast concrete slide-on balconies that can be retro-fitted to the floor slab of an existing building.

This expertly engineered solution has been immensely popular amongst architects who are converting former brownfield sites for residential use. The ability to offer residents some valuable outdoor space can transform the desirability of a development, adding value and turning an ordinary project into one that is far more stylish and successful.



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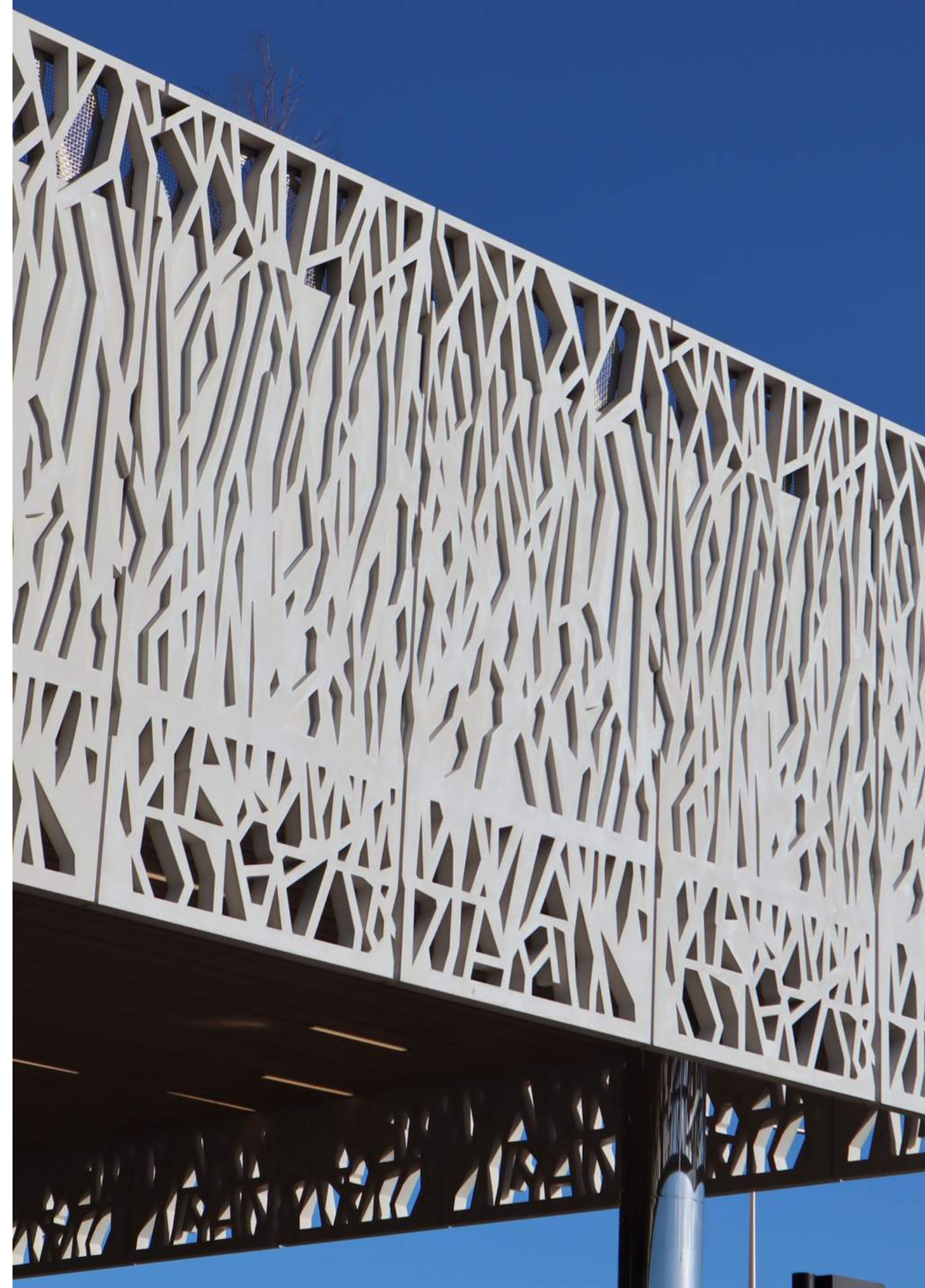
HIGH-PERFORMANCE CONCRETE

We are specialists in the design and manufacture of concrete elements that are stronger and lighter and more durable. By combining our unique high-strength mix of materials with fine mesh reinforcement, we can produce elements that are up to 50% thinner and weigh up to 70% less than standard concrete elements. Furthermore, the high-density surface is less likely to develop the phenomena of micro-cracking, efflorescence and lime-bloom.

The unique combination of slim aesthetics, high performance, and significantly reduced weight, means our precast concrete elements can be used in a number of ways that would simply not be possible with standard concrete mixes.

Our High-Performance Concrete is ideal for cantilevered slide-on balconies, cantilevered concrete walkways, concrete cladding, concrete rainscreen façades ... and numerous other applications where traditional concrete is just too heavy.

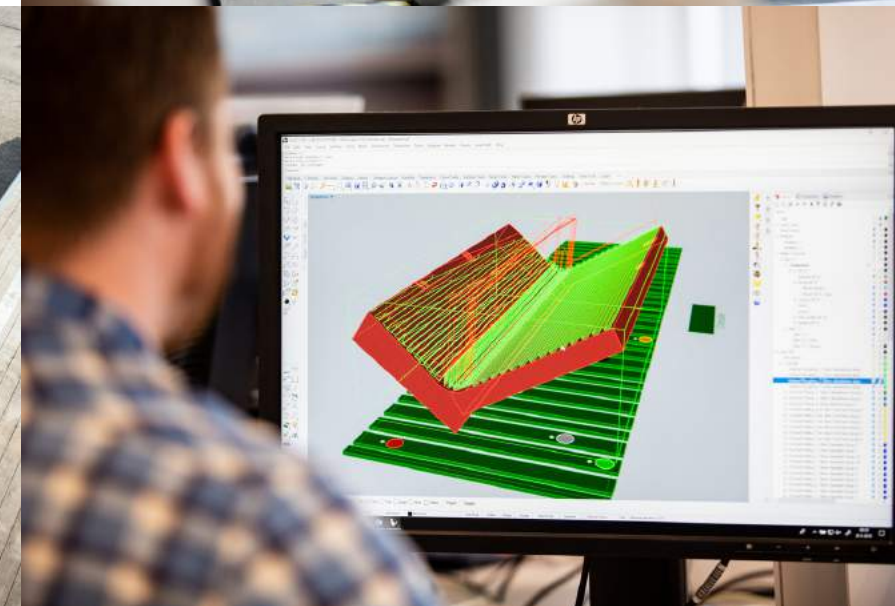
Whether you need High-Performance Concrete (HPC), Glass-fibre Reinforced Concrete (GRC), our own Ferrocement, or another of our specialist mixes, the advantages go far beyond its versatility for use across different applications. By using less material, each element has a significantly reduced carbon footprint. What's more, by specifying HPC in place of more traditional building methods at an early design stage, significant reductions can be made in the mass pilings, slab thickness and primary structure.



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ALL FROM ONE TRUSTED SUPPLIER

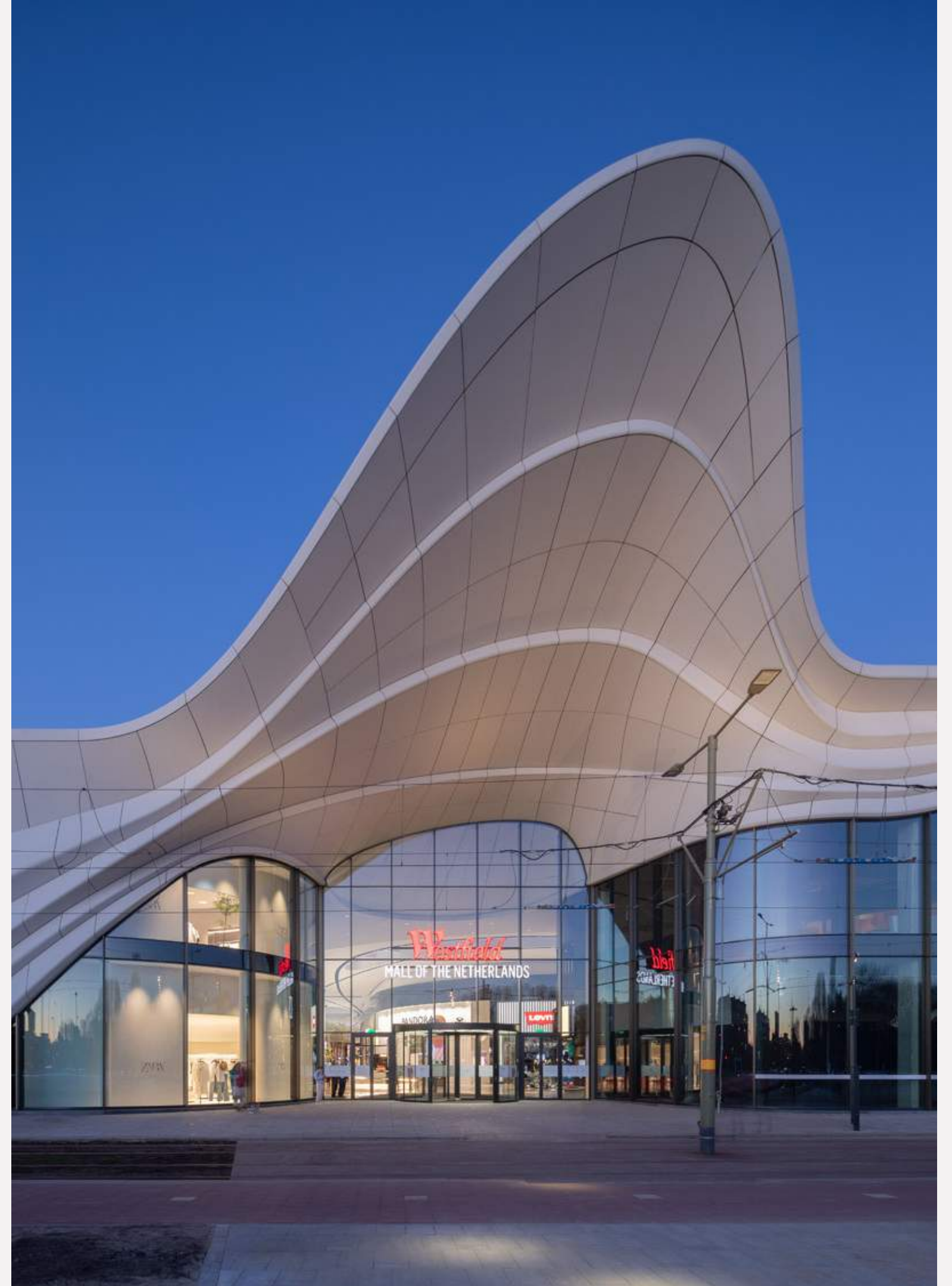
Our specialist teams are constantly researching new materials and developing new techniques to further push the boundaries of what's possible with concrete. Our experts are happy to get involved at the early stages of a project to help identify areas where our high-performance mixes can add value, and they love a challenge. With state-of-the-art robotics, 5-axis CNC machines and our own manufacturing software, we are perfectly positioned to find commercially viable solutions to even the most challenging and complex projects.



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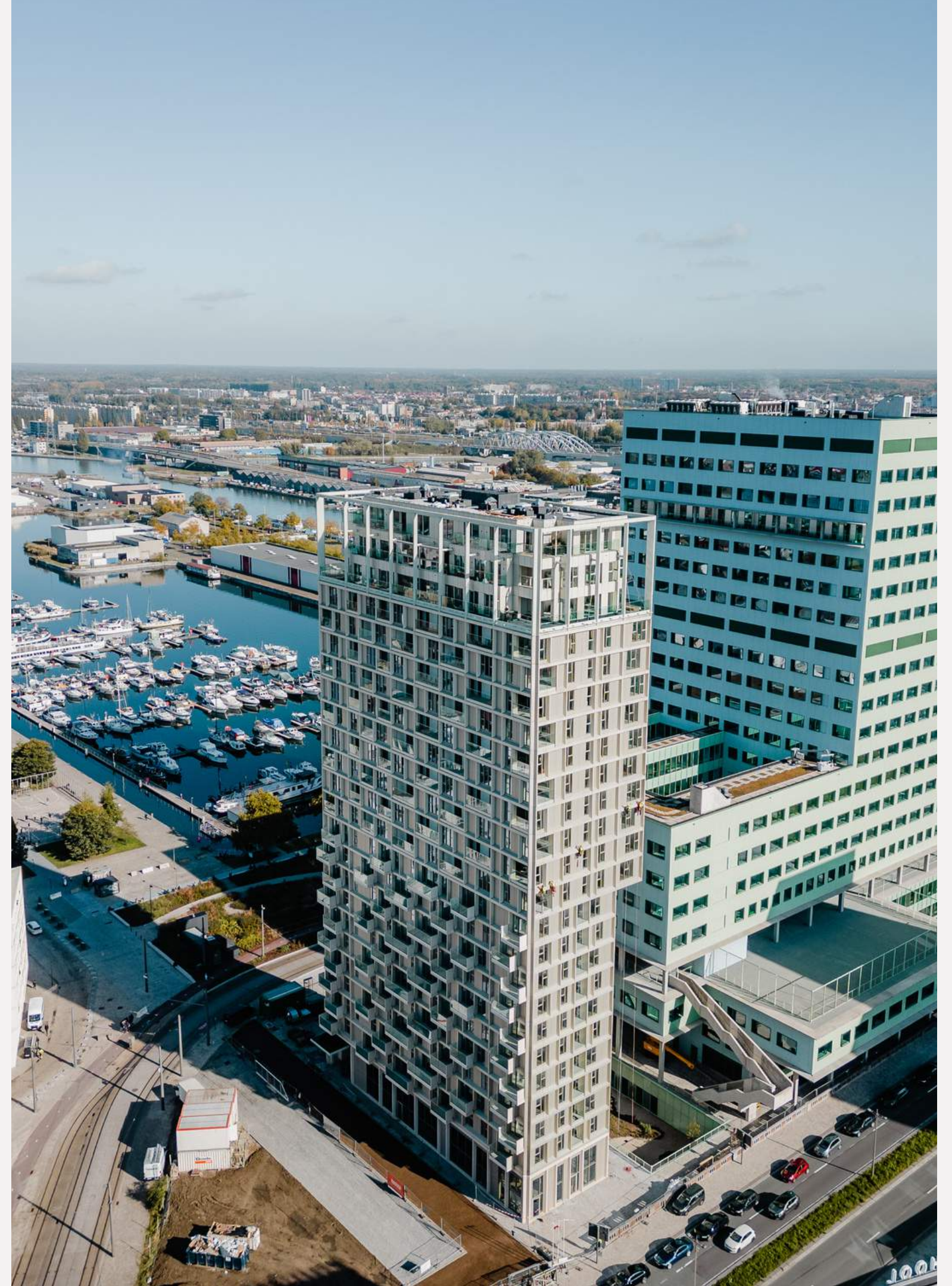
PROJECT FACADE
MALL OF THE NETHERLANDS



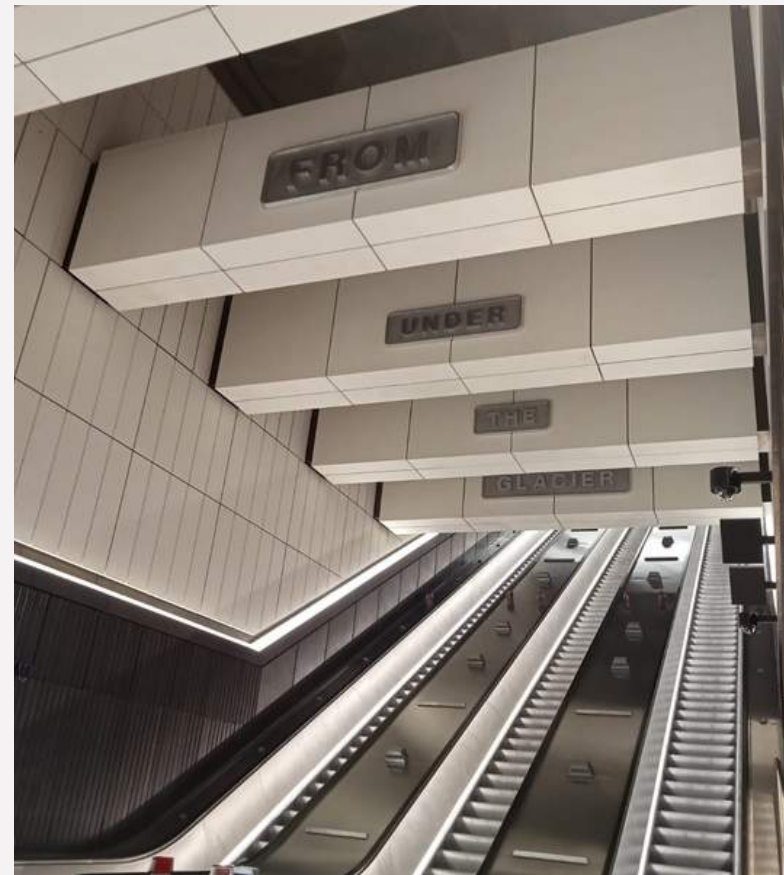
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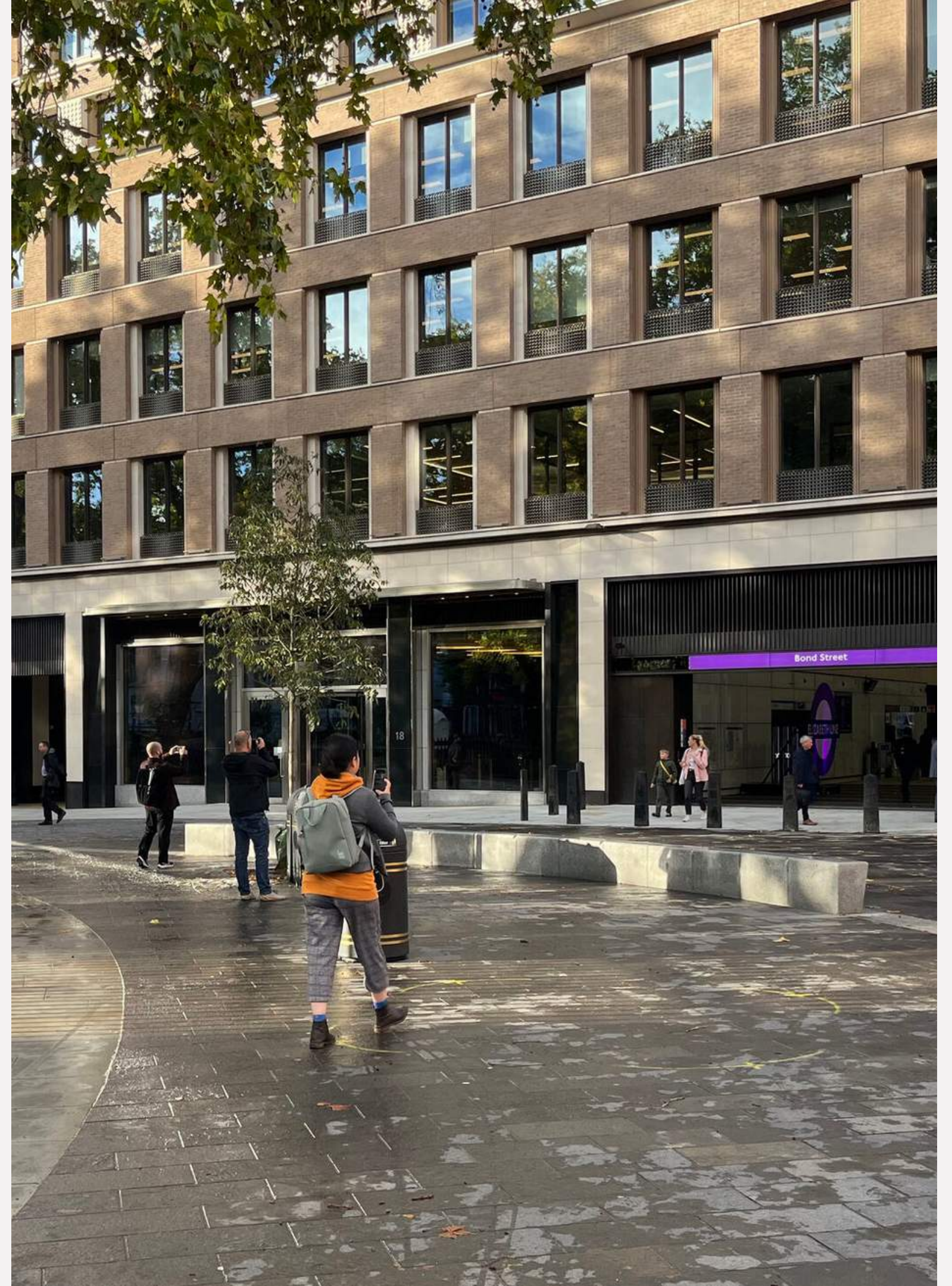
PROJECT BALCONIES
DOKTOREN ANTWERPEN, BELGIUM



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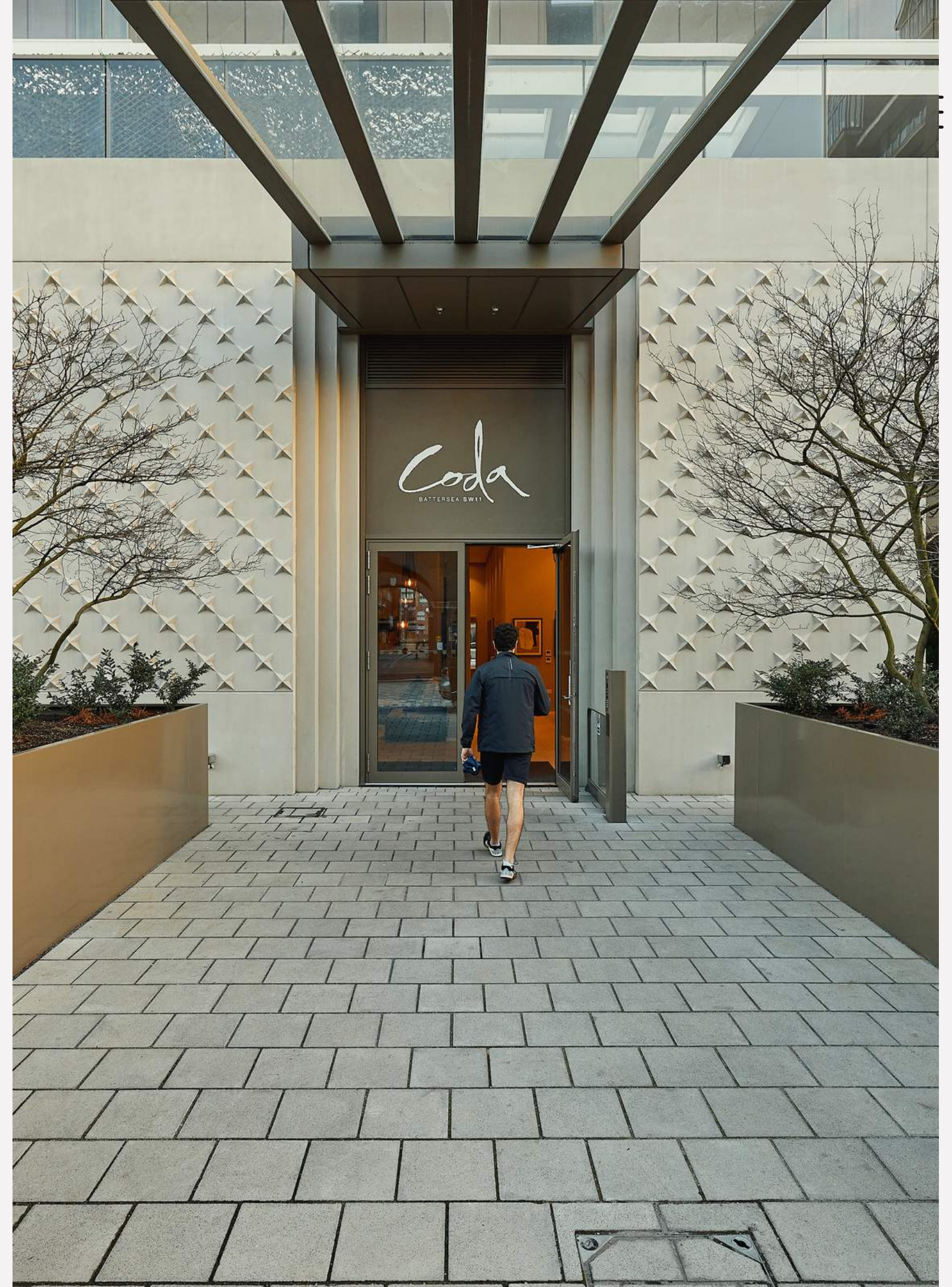
BONDSTREET LONDEN, UK
PRECAST ELEMENTS



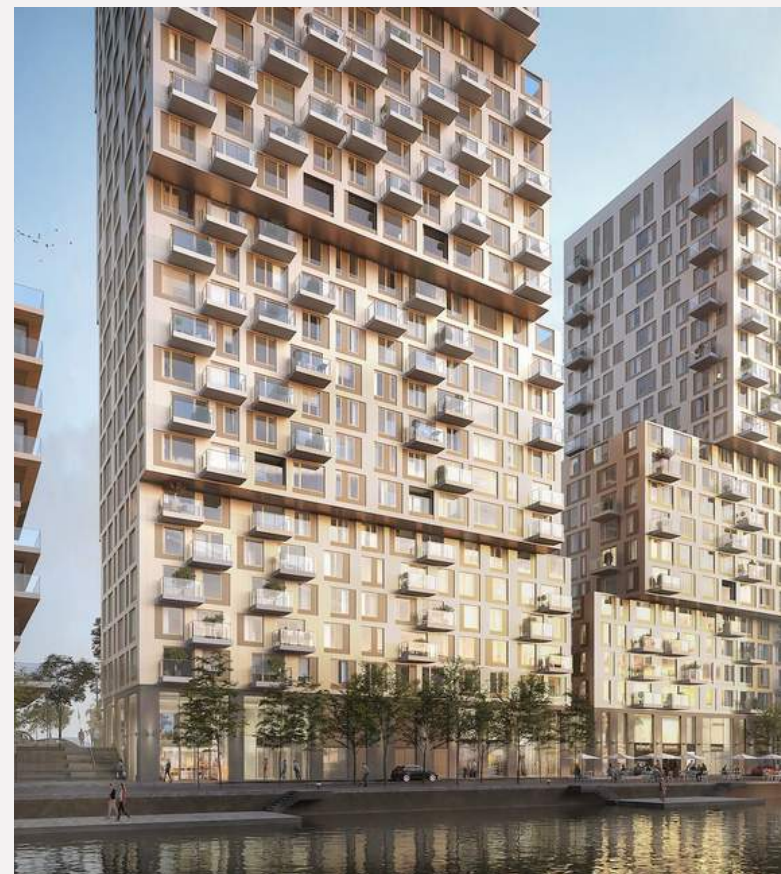
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YORK PLACE LONDEN, UK
PRECAST ELEMENTS



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PRECAST FACADES, ELEMENTS 2024:

- DPG Media Amsterdam
- The View Rotterdam
- Clubhouse de Boompjes Rotterdam
- KJ square The Hague

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CURRENTLY
WORKING ON
OUR NEW
WEBSITE

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Bergen op Zoom



A photograph of a modern, multi-story building facade. The building features a series of balconies with glass railings, creating a rhythmic pattern of light and shadow. The overall color palette is light and airy, with soft blues and whites. The text is overlaid on the center of the image.

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