

# Ferrocem<sup>®</sup>

balconies

[www.concretevalley.co.uk](http://www.concretevalley.co.uk)

**Concrete  
Valley<sup>®</sup>**





# WELCOME TO CONCRETE VALLEY GROUP

Concrete Valley represents expertise, craftsmanship and innovation in Europe. 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 **infrastructure, offshore, industry, residential buildings and for large renovation and transformation projects.**

## A sustainable group

We are 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 (Concrete Sustainability Council)**, 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 solar energy.





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Valley®

# Ferrocem®

Detachable & circular balkons







## **ABOUT FERROCEM**

We believe in a green urban environment, a sustainable life in the city. Improved quality of life that contributes to a better and healthier life. We want to give people in urban environments the best outdoor space and experience.

Due to our in house developed innovative design, 70 percent less concrete is required in the production of our balconies. The detachable design makes our balconies ideally suited for new buildings and transformation and renovation projects.



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## FERROCEM BALCONIES

- Complete concept

The balconies are delivered complete at the construction site, including balustrades. By (electric) truck or ship.

- We produce standard balconies and bespoke balconies.

- Detachable

Our balconies are detachable. They are rapidly installed because of the patented slide on system and easily detached.

- Long life span

Ferrocement has a very long life span, is very low in maintenance and is non-combustable.

- Lightweight

Because the balconies are lightweight, savings are made on crane costs and fixing brackets.



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## STANDARD AND CUSTOMIZED BALCONIES

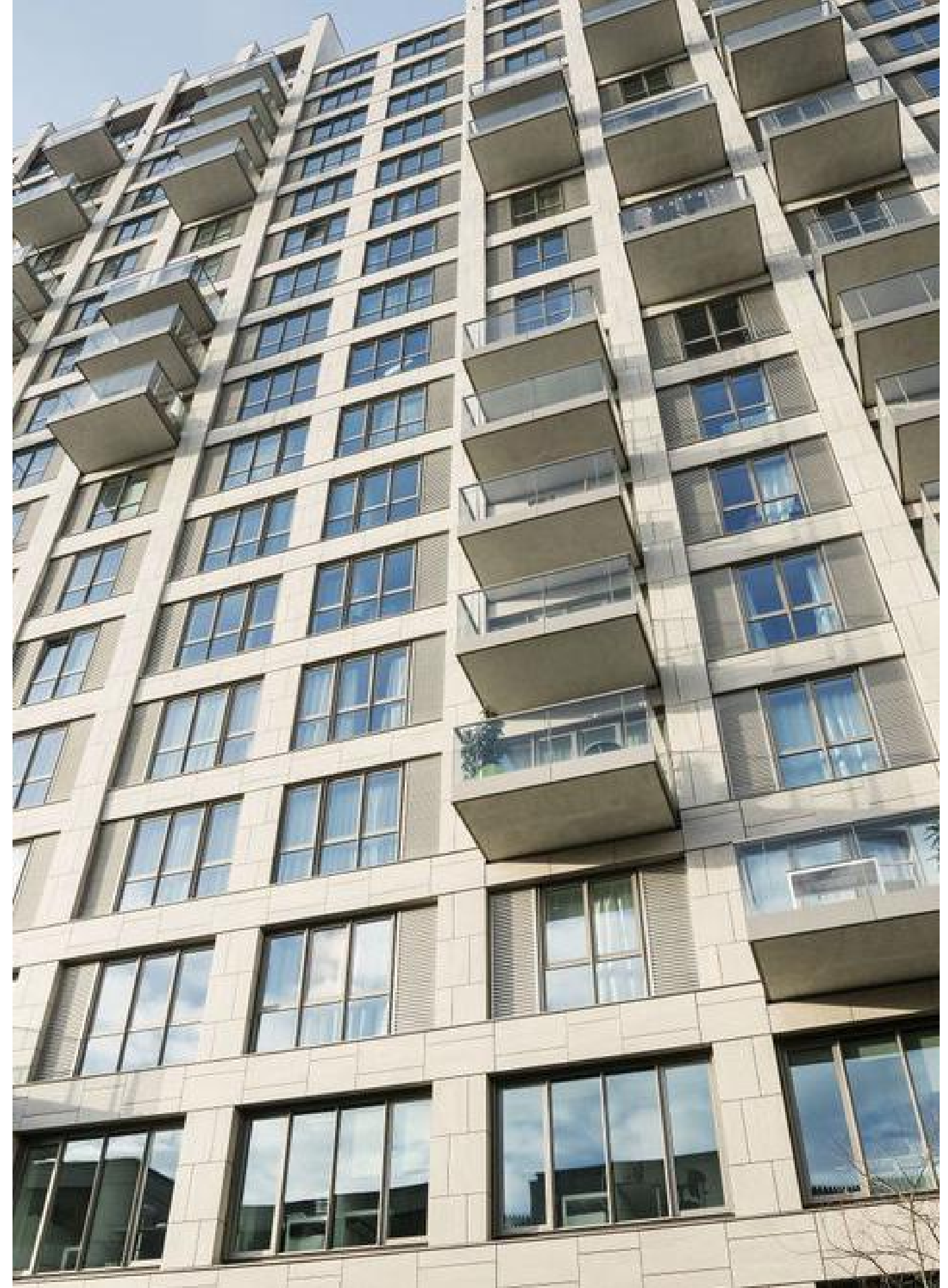
- Standard balcony

Ferrocem developed a standardized balcony of 6 square meters (2 x 3 meters). This balcony provides a high-quality outdoor space for any home at height and is suitable for new construction, transformation and renovation construction. For this standard balcony both a glass or steel balustrade are an option.

Our standard balconies come completely assembled and ready to use.

- Custom made

Looking for a larger, high-quality outdoor space? Ferrocem makes commissioned balconies up to a maximum size of 2.40 meters by 7.20 meters, in any shape and color.





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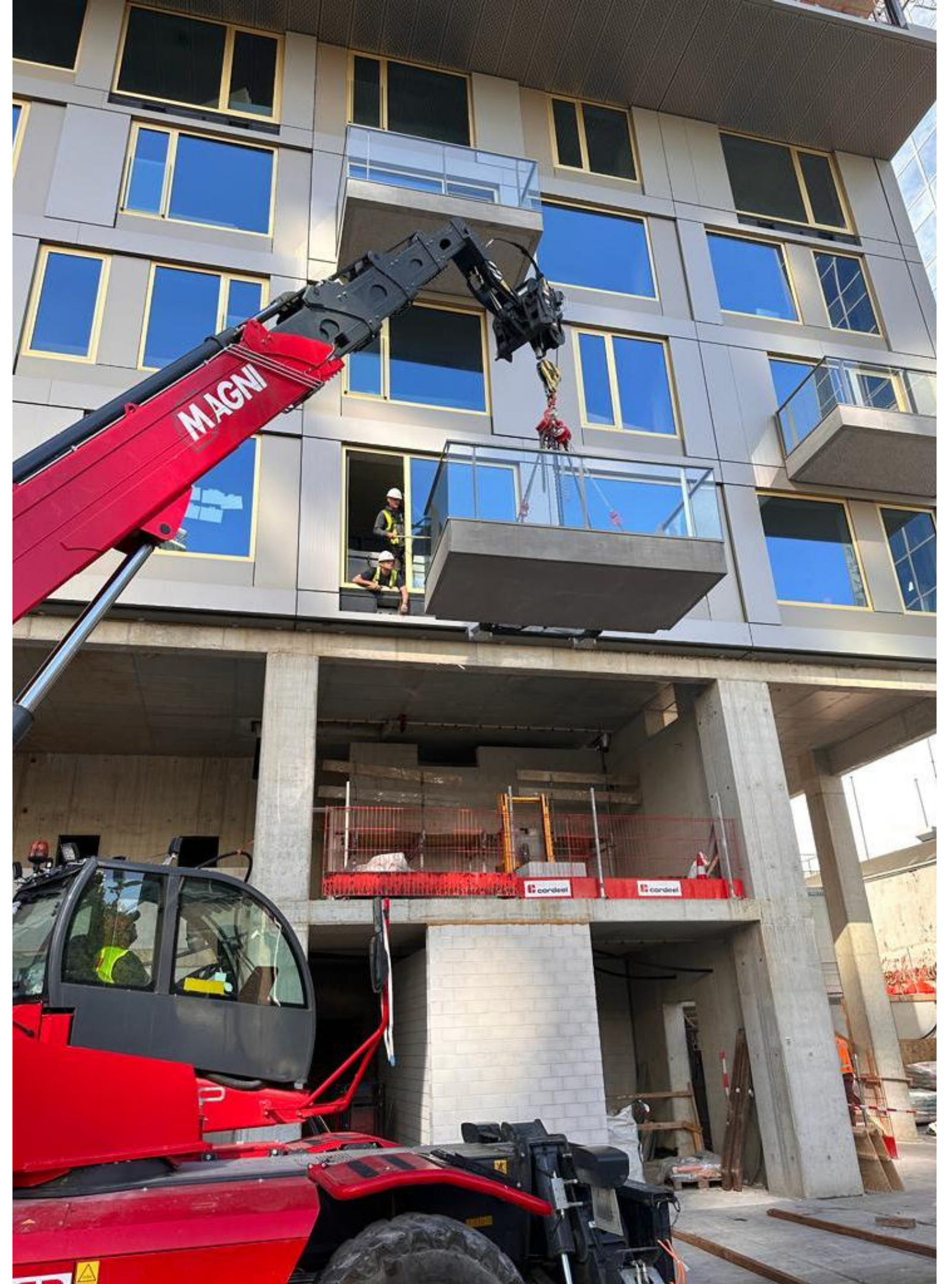
## DETACHABLE

To assemble our lightweight balconies, we use a clever, detachable suspension system. This slide on system saves time, as it eliminates the need for scaffolding on the construction site.

At great heights, Ferrocem balconies can easily be attached.

Because Ferrocem balconies are detachable, they are applicable to any building and can be installed at any height. Disassembly and re use elsewhere promotes sustainability and minimizes CO<sub>2</sub> emissions. In doing so, we are working on and contributing to the goal of 100% CO<sub>2</sub> neutral balconies.

Detachable balconies offer a promising future for the construction industry. They enable architects, property developers and contractors to build flexible buildings that can be adapted to changing needs while minimizing the impact on the environment. Together with our partners, this opens the way to innovation and efficiency in the construction industry.





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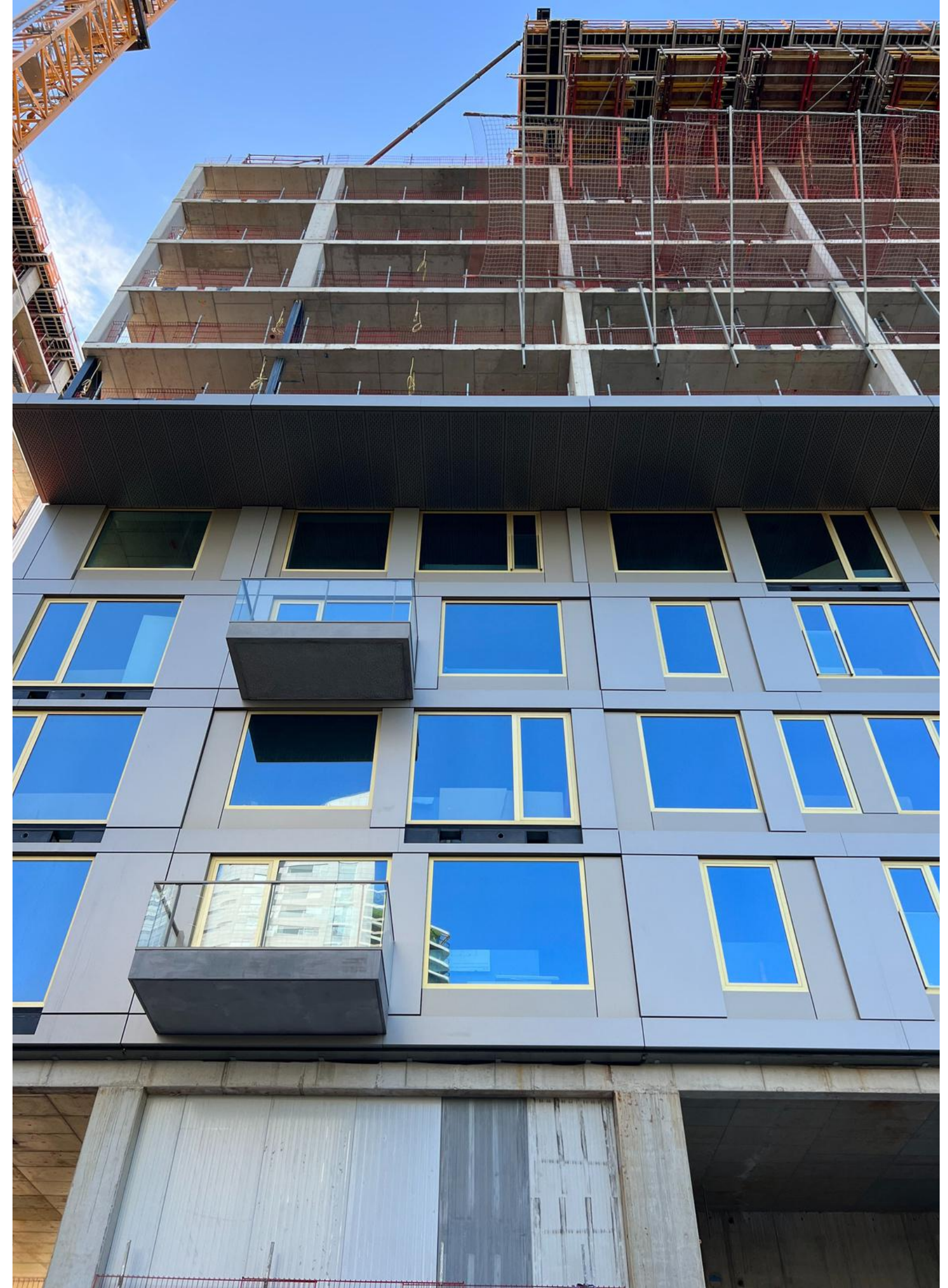
## MATERIAL

Ferrocem balconies have a hollow core with fine mesh reinforcement and a shell of ferrocement (high-grade high strength concrete mixture), which has its origins in shipbuilding due to its ultra strong and lightweight properties.

The hollow core provides the light weight compared to traditional balconies. This requires less concrete material which benefits reduction of CO<sub>2</sub> emissions from its production.

The high strength concrete (HSB) with a microstructure is highly resistant to pollutants and exposure to chloride ions, it is low maintenance and has a very long lifespan (+100 years).

Concrete Valley Group is ISO 9001 registered, quality is integral and inherent to all our products.

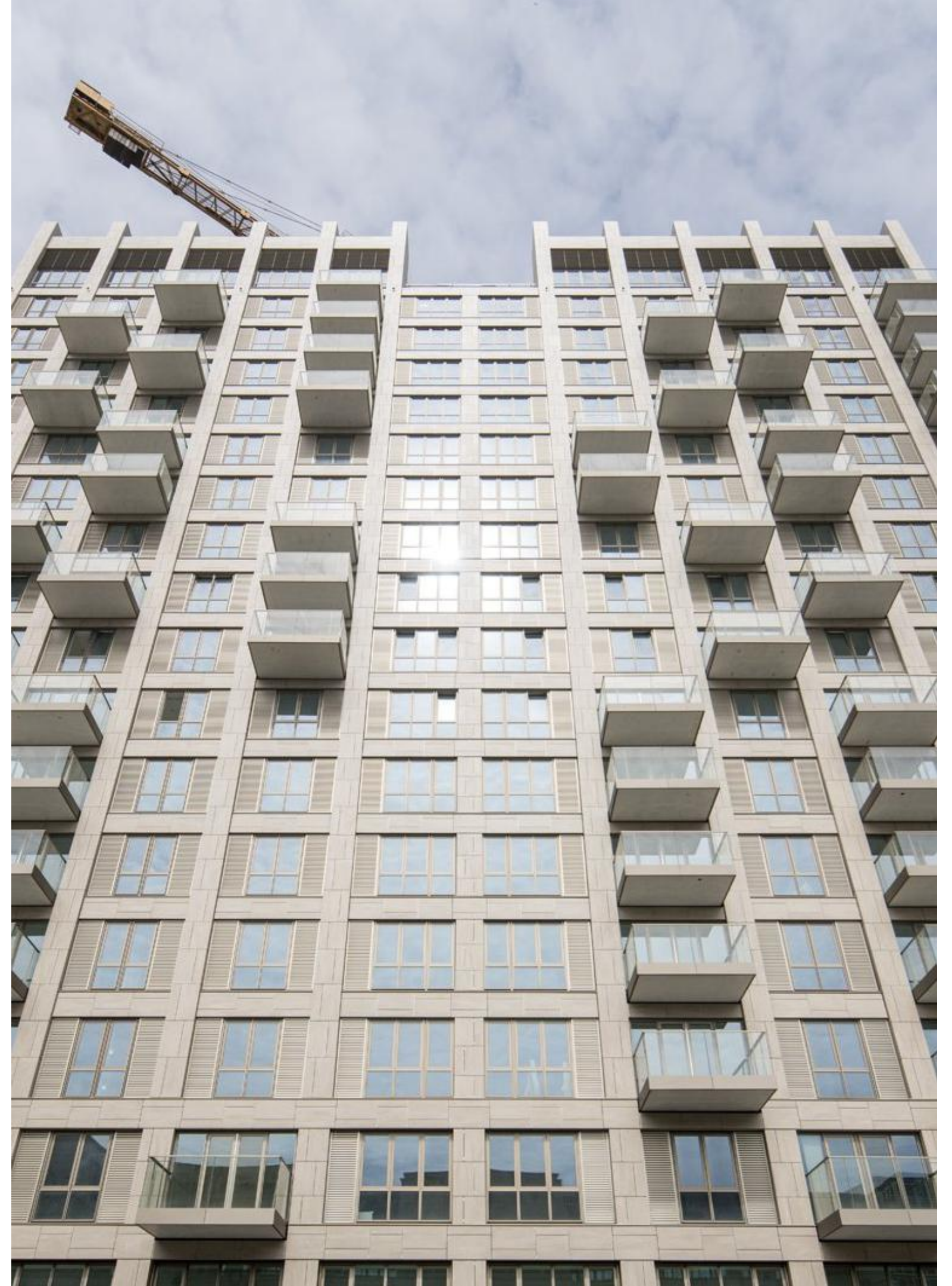




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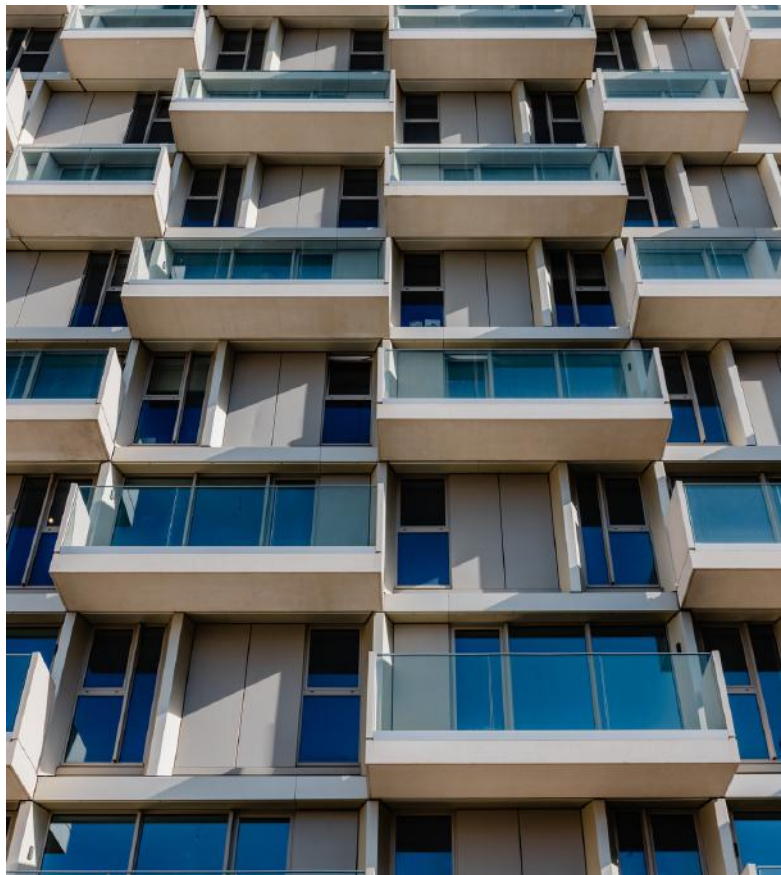


Project Wijnhavenkwartier, The Hague





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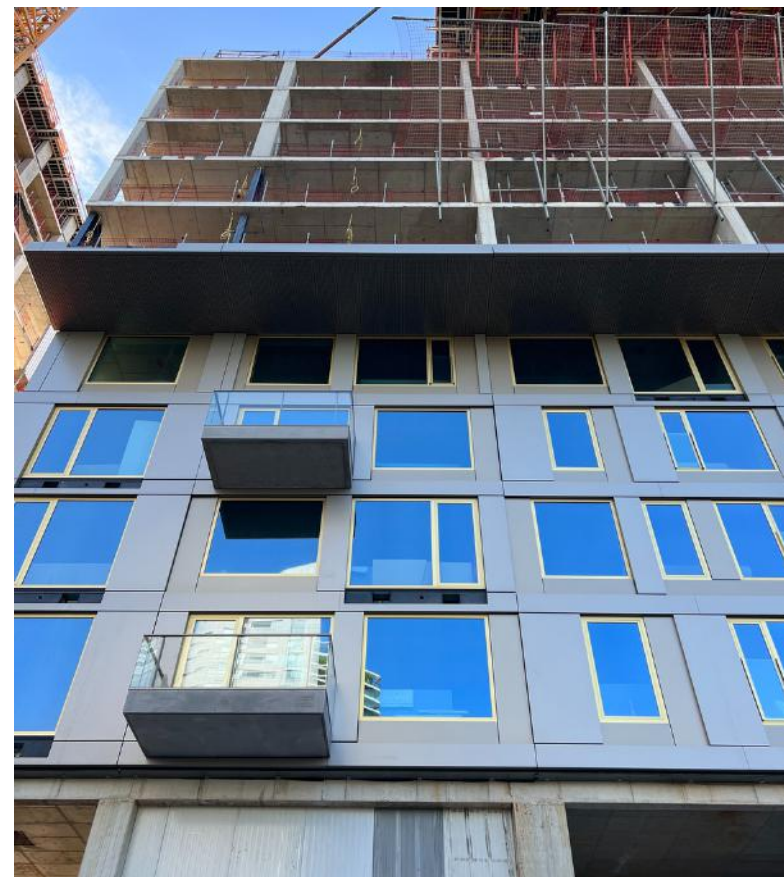
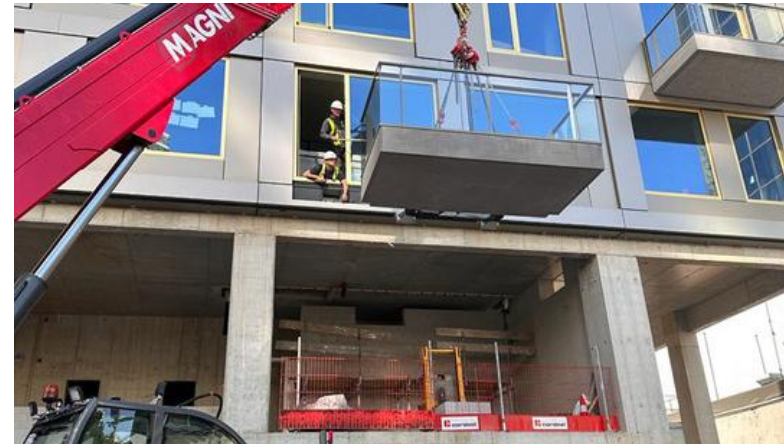


Project Doktoren Antwerp, Belgium

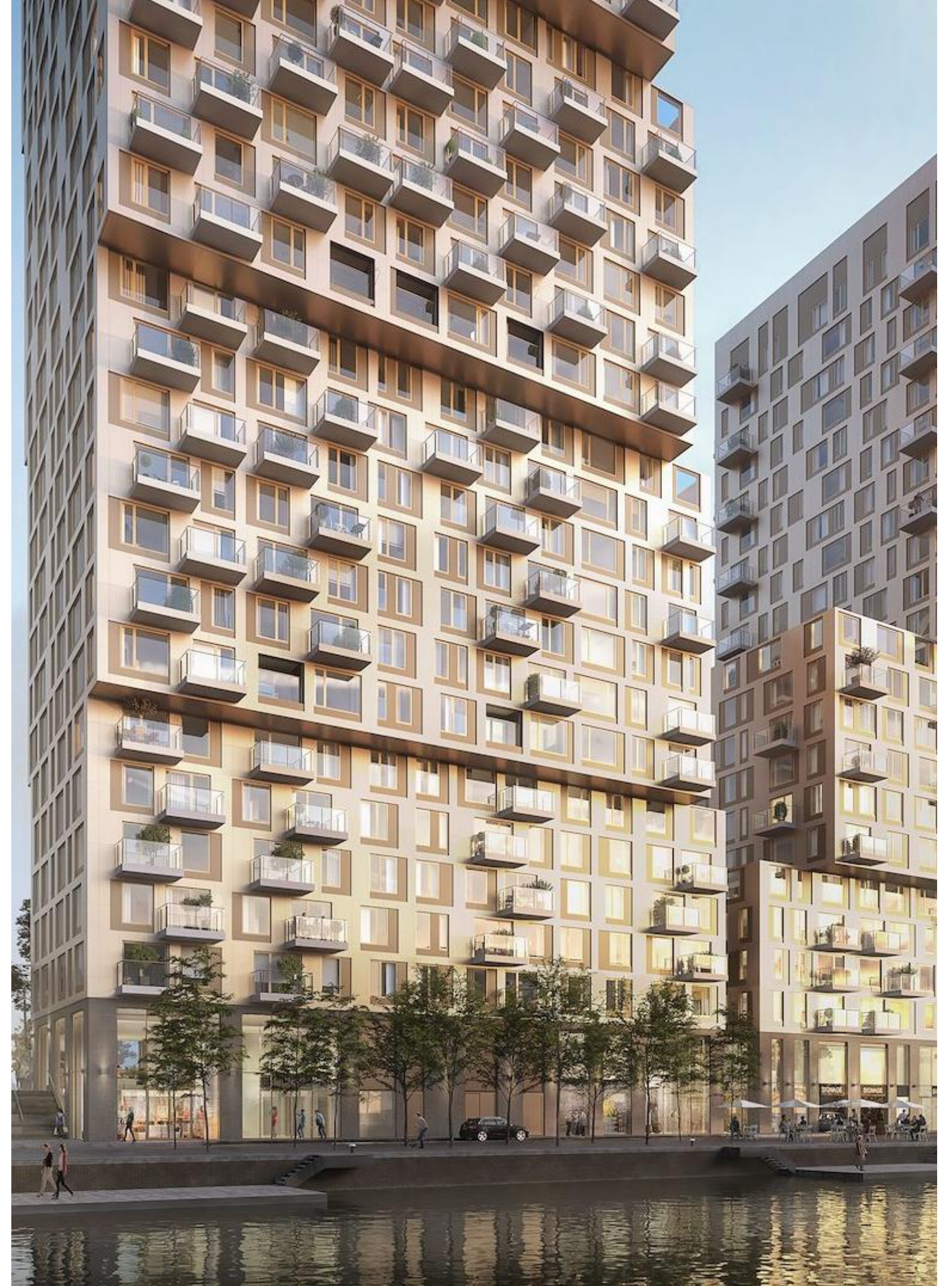




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Project Clubhouse de Boompjes, Rotterdam





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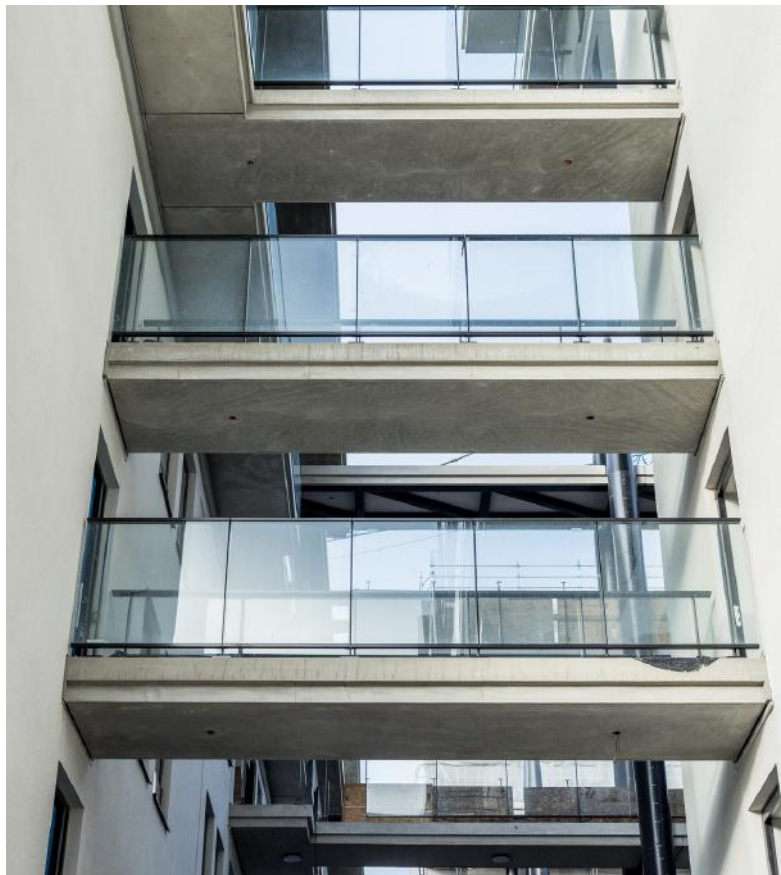


Project Oostenburg, Amsterdam





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Project The Mayor Amstelveen





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Project The Doors, Amsterdam







## FERROCEM CONCEPT

We work for contractors, architects and property developers. We produce completely assembled, durable and high-quality balconies. From engineering to transport and installation. We leave no detail to chance.

- Design
- Engineering
- Production in the Netherlands
- Transport



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**CONTACT**

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