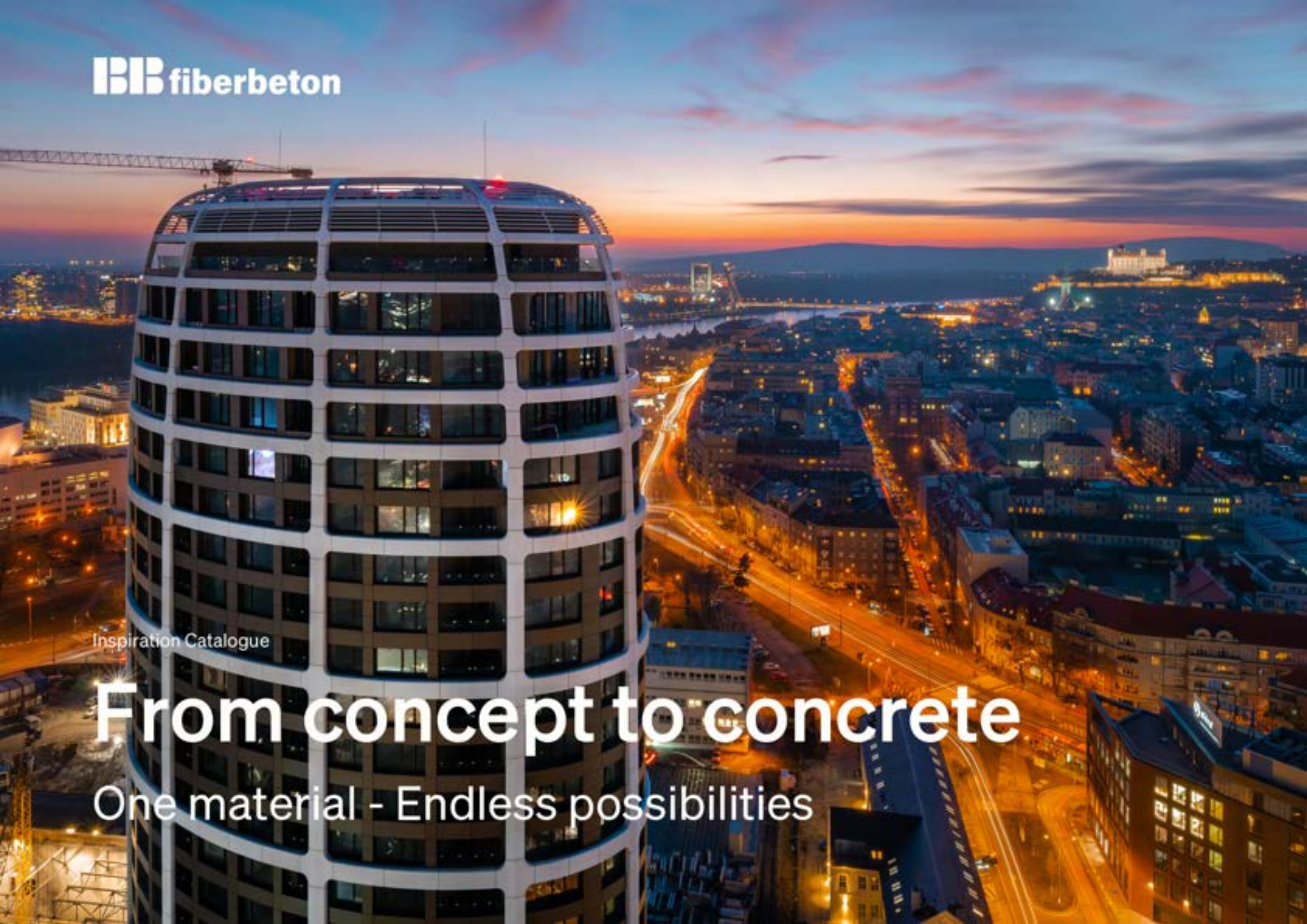
BB fiberbeton
Inspiration Catalogue
From concept to concrete
One material - Endless possibilities

“GRC isn’t just a material. It’s a tool for making concepts concrete”

BB fiberbeton

One material.
Endless possibilities.

GRC isn't just a building material – it's a tool for making concepts concrete. With a unique mix of strength, lightness and flexibility, it gives architects and developers the freedom to create everything from clean, minimalist lines to sculptural, complex forms.

At BB fiberbeton, we've worked with the material for decades. We know how to shape it, refine it, and reimagine it to match each project's architectural ambition – whether that means restoring the old or crafting something entirely new.

This catalogue offers a glimpse into what GRC can do – and showcases how bold ideas can take shape and become lasting results.

Feel free to explore the many projects and possibilities.
And when you're ready to bring your own ideas to life, we're here to help make them concrete.

Contact us at: info@bbf-uk.com
or visit: www.bbfiberbeton.com

Meaningsful renovations & refurbishments

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Refurbishment

Galgebakken

Tailored GRC facades transform Galgebakken - while preserving its unique identity

Galgebakken, located in Albertslund, Denmark, has gone through one of the country's largest residential renovations. The 640+ homes, originally clad in experimental reddish-brown concrete, are now updated with high-quality GRC facades that replicate the old look and adhere to the "close to nature"-concept which Galgebakken is famous for.
Featuring a unique face-mix of Rød Vånga and Glensanda aggregates, the panels mimic the original aesthetic while achieving a design life of up to 100 years. Lightweight yet robust, the 22 mm-thick elements are mounted on a timber framework, ensuring efficient installation and environmental responsibility.

Year of Build:	Finished in 2025
Architect:	NOVA5 Architects
Contractor:	Enemærke & Petersen
Location:	Albertslund, Denmark

GRC elements:	7000+
Unfolded GRC:	35,000+ m2
Mounting solution:	Stud-frame on timbre frame

Galgebakken, a cherished 1970s community, has been rejuvenated with GRC facades that preserve its nature-oriented charm and characteristics. These lightweight panels deliver the durability and design flexibility needed to honour the original aesthetic while embracing modern sustainability goals from the project's LCA.

Galgebakken


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Refurbishment

Angel Square

A sustainability-driven refurbishment & the creation of a new landmark

BB fiberbeton delivered over 1,200 GRC elements for the upper floors of Angel Square. A further 600 elements are currently in production for the ground floor. The façade spans approx. 4,000 m², with an additional ~1,000 m² to come, featuring nearly 400 unique types and 270 more for the base. Panels are 15–20 mm thin, finished in washed, light GRC with 4–5 mm exposed Italian marble aggregates - echoing the original brickwork in red and brown terracotta tones.
With complex geometries and tight tolerances, all elements were pre-assembled into unitised systems for efficient, precise installation in central London. Angel Square is targeting BREEAM Excellent, WELL Gold, and NABERS 5.5-star ratings - setting a new benchmark for sustainable refurbishment.

Year of Build:	2023-2025
Architect:	Allford Hall Monaghan Morris Architects
BBf's client:	FKN
Location:	London, England

GRC elements:	~1800
Unfolded GRC:	~5000 m2
Types:	~670
Thickness:	15-20 mm

In the heart of Islington, Angel Square's bold refurbishment pairs adaptive reuse with a finely crafted GRC façade - its light tone and exposed marble aggregates redefining the site's presence with material clarity.

Angel Square


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Refurbishment

80 New Bond Street

Curved GRC elements elevates the Burlian's facade

Designed by Orms Architects, The Burlian is a mixed-use retail and office project in London's West End. Refurbishment over redevelopment saved 800kg of CO_2 per m^2, while advanced carbon modelling ensured the use of low-impact materials, including 849 m^2 of lightweight GRC cladding.

The building's distinctive curved facade, crafted from 179 bespoke elements in 85 variations, highlights the versatility and precision of GRC, and are designed for durability, low maintenance and aesthetic impact. Targeting BREEAM "Excellent" and other platinum certifications, The Burlian represents the future of sustainable urban architecture.

Year of Build:	2023
Architect:	Orms Architects
BBf's client:	GIG FASSADEN GmbH
Location:	London, England

GRC elements:	179
Unfolded GRC:	849 m2
Types:	85

The Burlian at 80 New Bond Street is an architectural, eye-catching masterpiece.

Featuring bespoke curved GRC elements, it blends striking design with cutting-edge environmental responsibility.

80 New Bond Street


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Refurbishment

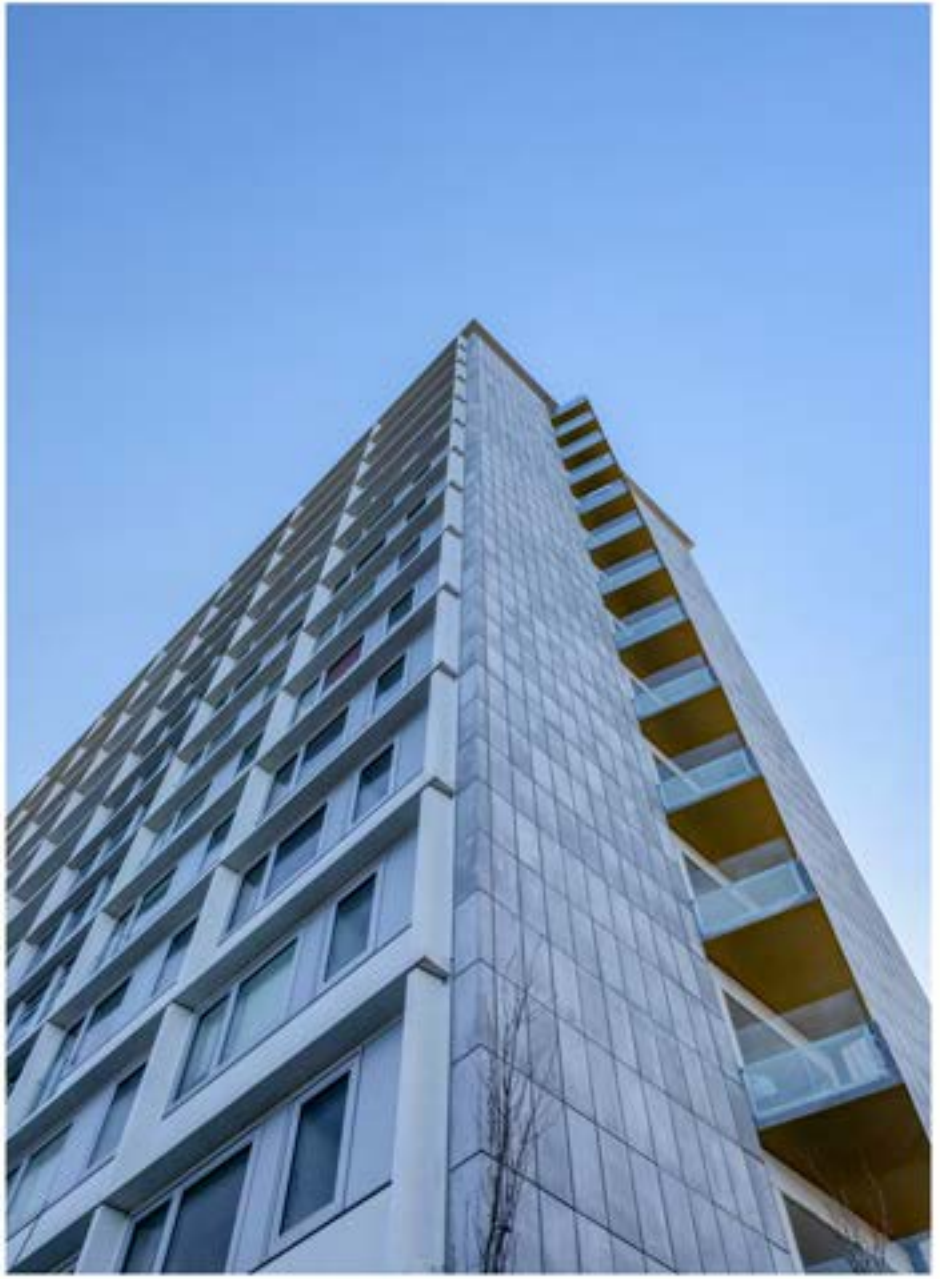
Sorgenfrivang II

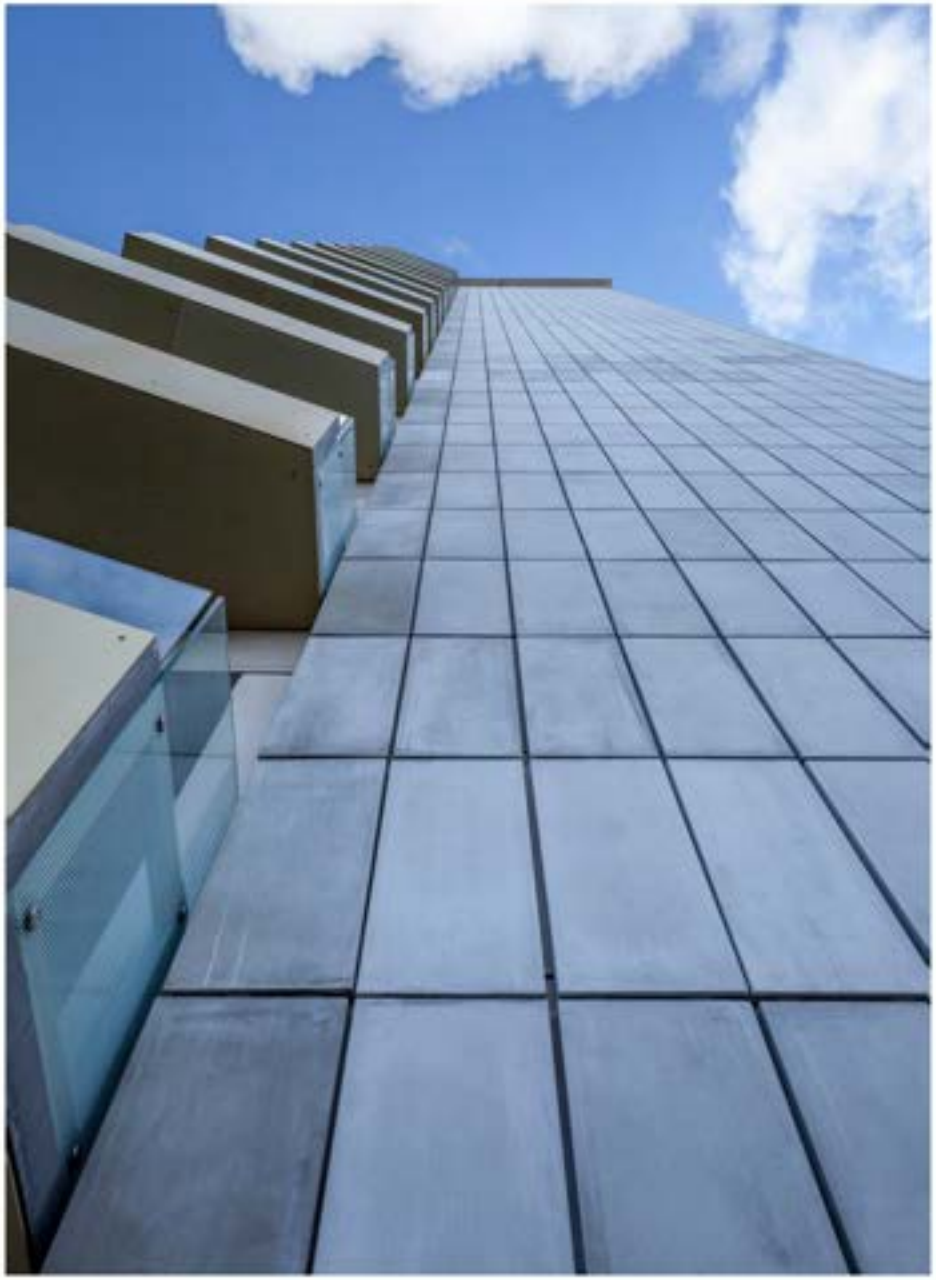
GRC facades restore Sorgenfrivang II's architectural identity in Denmark's first DGNB Gold renovation

Sorgenfrivang II's three 15-story residential towers, built in the late 1950s, have long been landmarks in Lyngby. Their comprehensive renovation, designed by DOMUS Architects, included new balconies and updated facades to align with modern standards.

BB fiberbeton delivered approximately 13,000 GRC elements, spanning 20,000 m², in both white and light grey. These 12 mm-thick elements were mounted using the tailored FA1000®-system and other concealed solutions, preserving the buildings' distinct columns and beams. Certified DGNB Gold and winner of the GRCA GRC2023 Award, this project sets a benchmark for sustainable and elegant renovations.

Year of Build:	2016-2019
Architect:	DOMUS Arkitekter A/S
Contractor:	NCC Construction A/S
Location:	Lyngby, Denmark





GRC elements:	~13,000
Unfolded GRC:	~20,000 m2
Thickness:	12 mm
Certification:	DGNB Gold

The three residential towers of Sorgenfrivang II underwent a full renovation, featuring 13,000 GRC elements that modernize the facades while preserving their original architectural qualities, becoming the first DGNB Gold renovation in Denmark.

Sorgenfrivang II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Creative flexability

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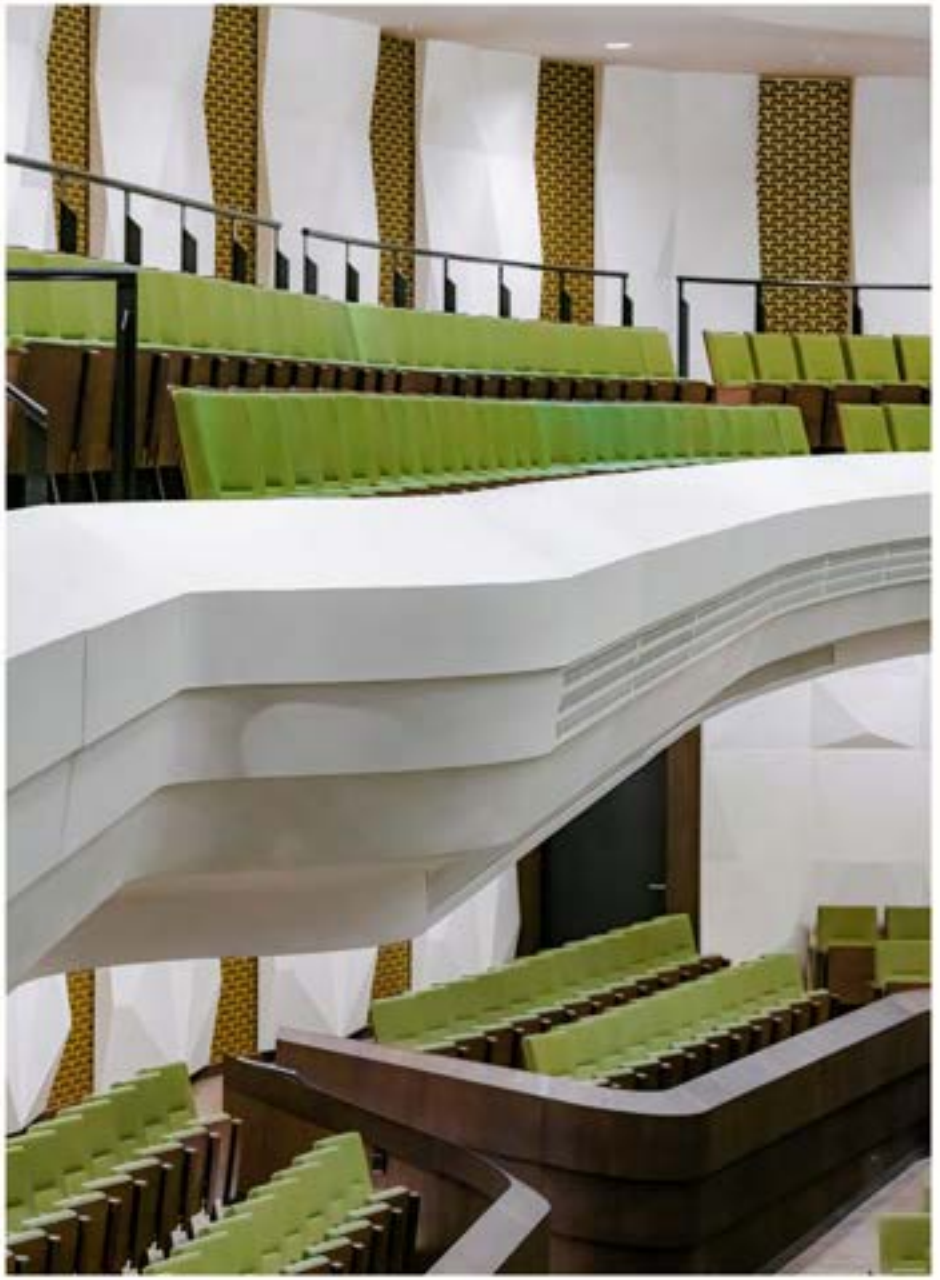
New Build

Amare Concert Hall

Sprayed GRC elevates Amare's concert hall with acoustic precision and artistic flair

The Amare Concert Hall in The Hague is the first large-scale project in the Netherlands to use sprayed GRC, marking a breakthrough in interior architectural design. JCAU Architects & Urbanists collaborated with Studio DAP to create a space that harmonizes aesthetic and acoustic excellence.
BB fiberbeton produced over 1,000 bespoke GRC elements, spanning 3,000 m², with faceted acoustic panels and curved balcony edges. These carefully shaped panels, 15–25 mm thick, optimize sound reflection and create a striking visual rhythm. Awarded at the Dutch Concrete Awards 2021, Amare showcases how GRC transforms interiors into functional works of art.

Year of Build:	2021
Architect:	JCAU Architects & Urbanists
Acoustic design:	Studio DAP
Location:	Haag, The Netherlands



GRC elements:	~1000
Unfolded GRC:	~3000 m2
Types:	50

Amare Concert Hall is a landmark project, using sprayed GRC for its intricate acoustic panels and balconies.

This award-winning design sets a new standard for concert halls in form and function.

Amare Concert Hall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Herlev Hospital

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Ornamentation

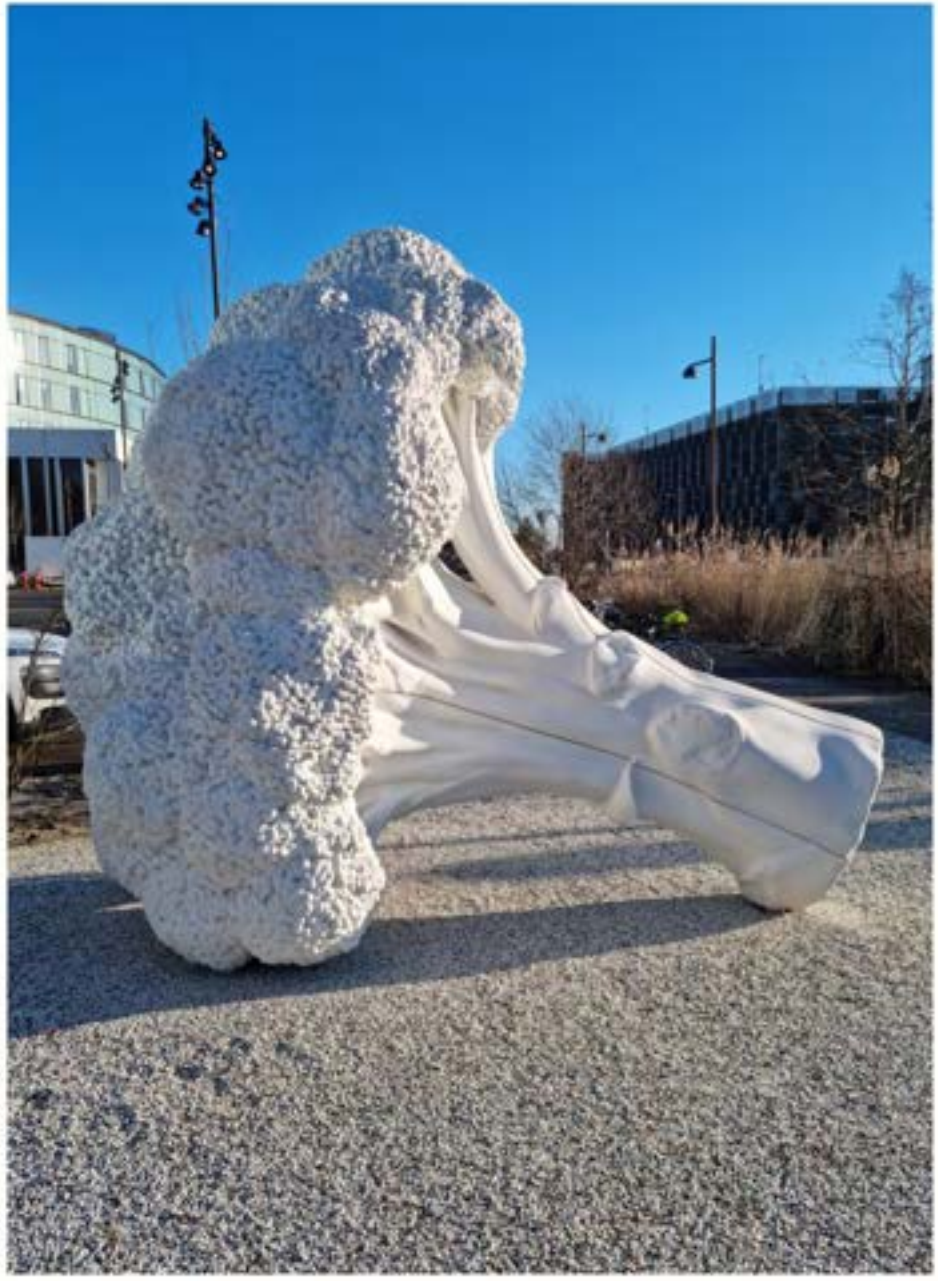
Herlev Hospital Sculptures

Large-scale GRC sculptures unite techinical excellence with bold artistic design

Herlev Hospital's entrances and green spaces are adorned with six large-scale sculptures of fruits and vegetables, created by Danish art collective Superflex. Spanning up to 13.5 meters in length, the pieces include a pear, carrot, potato, broccoli, garlic, and strawberry, each crafted with incredible detail in white GRC.

Using advanced scanning techniques such as MRI and laser imaging, the 3D models were brought to life with a high level of accuracy. The 20 mm-thick GRC elements balance elegance and durability, earning the project a GRCA GRC2023 Award for outstanding non-architectural applications.

Year of Build:	2021
Artist:	Superflex
Engineer:	10tons
Location:	Herlev, Denmark



Sculptures:	6
Size:	2.5-3.5 m high, & up to 13.5 m long
Mould:	CNC milled, based on MRI images
Thickness:	20 mm

At Herlev Hospital, six oversized fruit and vegetable sculptures crafted in GRC blend artistic expression with technical precision, while telling the story of natural medical remedies throughout time. These award-winning pieces enrich both the hospital and its community.

Herlev Hospital Sculptures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Facades with a twist


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New Build

Metropolis

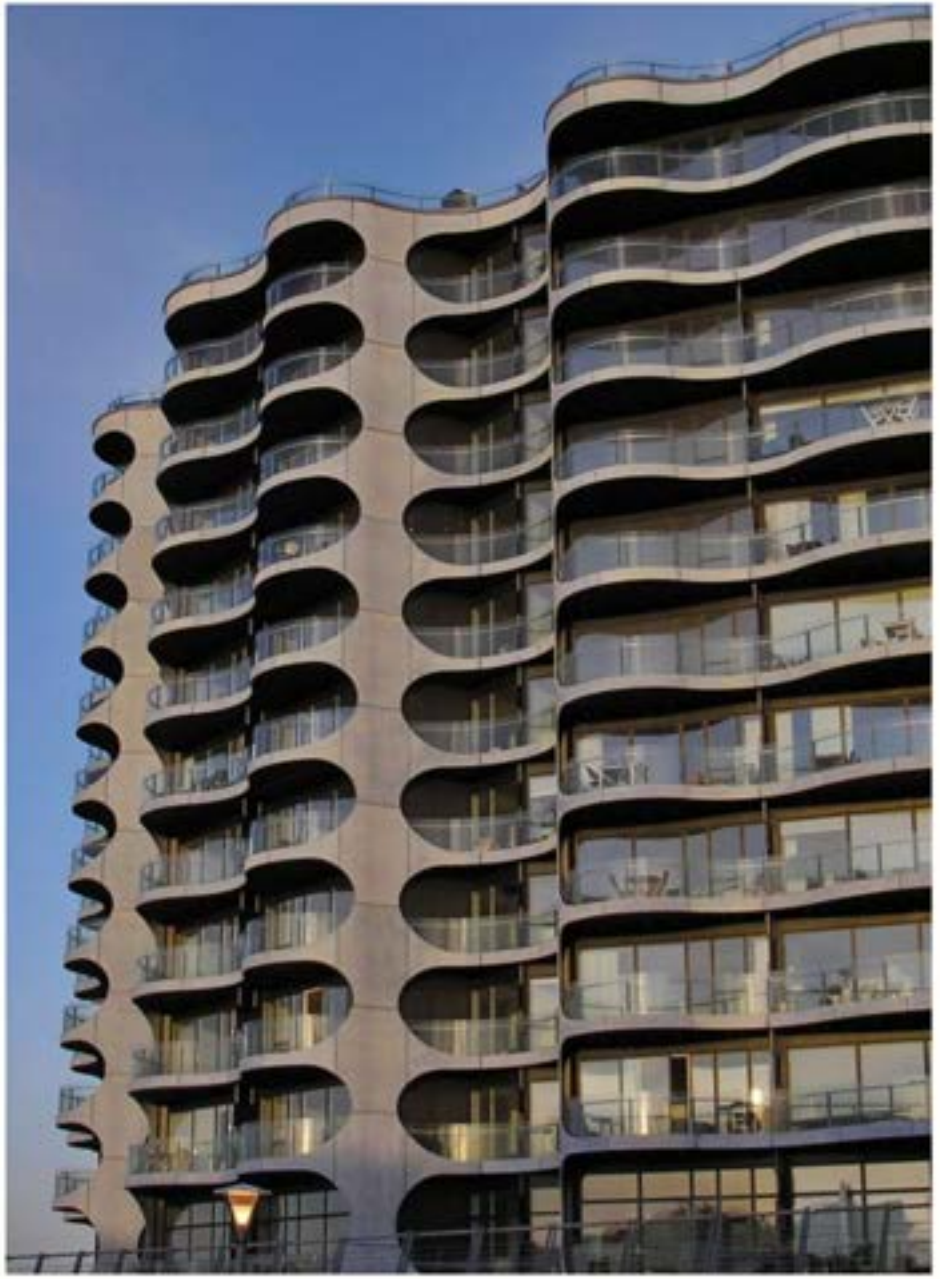
GRC cladding shapes Metropolis's striking curves & blue facade

Rising 45 meters, the 11-story Metropolis building is a landmark of modern design. Conceived by Future Systems and Danielsen Architecture, the building features three linked towers clad in 4,000 m² of GRC.

The facade's curved, wavy shapes are achieved using formable GRC, with marble powder aggregates for a shimmering blue finish.

Mounted with stud-frames and embedded inserts, the GRC panels create a seemingly seamless look, naturally evolving over time with a patina that reflects Copenhagen's weather.

Year of Build:	2008
Architect:	Future Systems & Danielsen Architecture
Developer:	KPC Byg
Location:	Copenhagen, Denmark



Unfolded GRC:	~4000 m2
Mounting solution:	Stud-frame

Metropolis stands as a landmark in Copenhagen's Sluseholmen district, with its futuristic design and curved GRC facade. This bold architectural statement redefines urban waterfront living with a design inspired by the ocean.

Metropolis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New Build

Sky Park

High-quality GRC elements shape the mesmerizing curves of Zaha Hadid's award-winning design

Sky Park is a landmark development in Bratislava, integrating public parks, apartments, offices, and retail into a cohesive, modern space. Designed by Zaha Hadid Architects, the project features three curvilinear residential towers clad in over 3,500 bespoke GRC elements. Spanning 13,700 m², the smooth white panels, crafted in 650 variations, highlight GRC's ability to create flowing, geometrically complex shapes. Mounted with concealed solutions, the facade achieves a seamless aesthetic that complements the visionary design.

Sky Park has won multiple CIJ Awards, including Best Architectural Development.

Year of Build:	2020
Architect:	Zaha Hadid Architects
BBf's client:	INGSTEEL spol. s.r.o.
Location:	Bratislava, Slovakia

GRC elements:	3500+
Unfolded GRC:	~13,700 m2
Types:	650

Sky Park combines innovative design with modern living in the centre of Bratislava. Its organically shaped residential towers, brought to life with attention-demanding GRC facades, showcase the boundary-pushing vision of Zaha Hadid Architects.

Sky Park


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New Build

Kviberg Crematorium

Concave GRC facades create a light and respectful atmosphere at Kviberg Crematorium

Designed by Erseus Architects, the Kviberg Crematorium in Gothenburg combines a modern crematorium with an adjacent historic chapel. Its innovative GRC facade, characterized by concave shapes, creates a light and open aesthetic that contrasts with the chapel's brick structure. We crafted 913 custom GRC elements (1,123 m²), using the versatile FA1000® system for concealed mounting. Lightweight and formable, the grey GRC elements perfectly balance technical functionality and architectural elegance. The project has earned multiple awards for its refined and sensitive design.

Year of Build:	2017
Architect:	Erseus Architects
Developer:	Tuve Bygg
Location:	Gothenburg, Sweden

GRC elements:	913
Unfolded GRC:	~1120 m2
Mounting solution:	FA1000®

The Kviberg Crematorium blends technical precision with emotional sensitivity, featuring concave GRC facades that harmonize with its historic surroundings and draw the eyes sky-ward.

Kviberg Crematorium


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Detail-driven new builds

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New Build

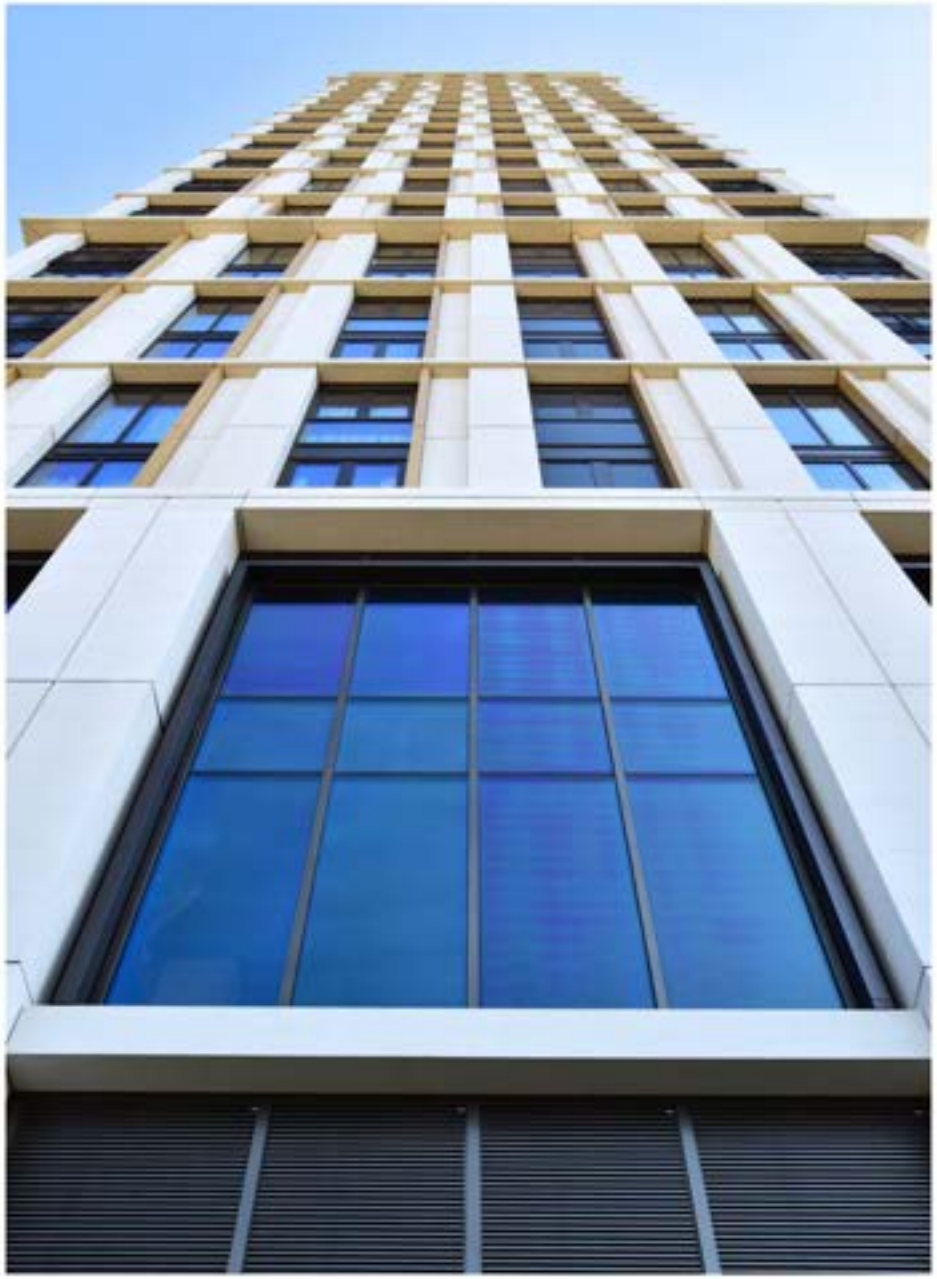
Twelve Trees Park S01A

Thousands of smooth GRC panels anchor a new nature-focused neighbourhood

BB fiberbeton has delivered 4,352 GRC elements for Twelve Trees Park S01A and continues to contribute to other buildings in the wider development. Spanning nearly 7,500 m² of façade, the 95 unique element types in 15 mm thickness feature a light, matt-smooth finish, balancing large-scale architecture with a soft, crafted presence.

Developed by Berkeley Group and designed by Atkins, TwelveTrees Park offers residents direct access to five rail and tube lines, placing Stratford and Canary Wharf just minutes away. Our precision-engineered panels support the project's vision for an elegant, connected urban community — combining technical efficiency with long-lasting design clarity.

Year of Build:	2025
Architect:	Atkins
Developer:	Berkeley Group
Location:	London, England



GRC elements:	4,352
Unfolded GRC:	~7500 m2
Types	95
Thickness:	15 mm

In East London's evolving skyline, the first phase of Twelve Trees Park introduces a calm, contemporary façade defined by over 4,000 light-toned GRC elements. Smooth, precise, and quietly expressive, the design reflects the development's focus on connected living and crafted urban form.

Twelve Trees Park S01A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New Build

Clemenskvartalet

Vibrant and colourful GRC defines this BREEAM-certified project.

Completed in 2023, Clemenskvartalet brings colour and life to Bjørvika with its bold grouping of facades. For two of the high-rises, (building 8A and 10B) facade cladding and balconies are made from our high-quality GRC.

The project includes over 610 GRC elements, delicately hued in pink for one building and dark green for another. Designed by Mad Arkitekter, the project prioritizes both aesthetics and sustainability, achieving the BREEAM-Nor certification. The lightweight, customized GRC elements help reduce waste and environmental impact, showcasing how vibrant design and eco-conscious choices can coexist seamlessly.

Year of Build:	2023
Architect:	Mad Arkitekter
Developer:	OSU & HAV Eiendom
Location:	Bjørvika, Norway

GRC elements:	616
Unfolded GRC:	2082 m2
Types:	234
Thickness:	12-15 mm

Parts of Clemenskvartalet's colourful facades features striking pink, as well as dark green GRC elements, creating a unique visual identity to the vibrant grouping of high-rises. This BREEAM-certified project sets a new benchmark for colourful, sustainable architecture.

Clemenskvartalet


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New Build

Beaufort

Sand-toned GRC parapets bring texture and calm to a wooded neighbourhood

For the Beaufort project in Zeist, BB fiberbeton produced 360 GRC balcony parapets across 55 unique variants, covering around 1,000 m². The light, matt, sand-toned panels feature a custom wave pattern (0–15 mm depth) and range from 12–30 mm in thickness to accommodate the design's sculptural depth. Finished with a transparent coating for water and dirt resistance, the elements use hidden mounting systems for quick installation and require no technical maintenance. Designed by Orange Architects and built by Slokker Bouwgroep, Beaufort combines GRC, timber, and greenery to create a façade that connects contemporary architecture with its forest-edge setting.

Year of Build:	2024
Architect:	Orange Architects (Rotterdam)
Contractor:	Slokker Bouwgroep
Location:	Zeist, The Netherlands

GRC elements:	~360
Unfolded GRC:	~1000 m2
Types:	55
Thickness:	12-30 mm to accomodate pattern depth

At the edge of the Kerckebosch forest, Beaufort blends architecture with nature. Its sand-coloured, wave-patterned GRC parapets capture the design vision of “the sandy forest floor rising up to reside among the tree tops”, bringing depth and character to this landmark development.

Beaufort


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New Build

Mærsk Tower

GRC detailing uniting Panum's brutalist legacy with a modern and contemporary vision

As an extension of Panum Institute at the University of Copenhagen, the Mærsk Tower reimagines brutalist design for a modern era. Designed by C.F. Møller Architects, the tower's GRC cladding was carefully chosen to echo the adjacent 1970s buildings while introducing a lighter, more dynamic aesthetic. With over 8,000 panels spanning 11,000 m², the grey cornices creates a striking interplay of form and texture.

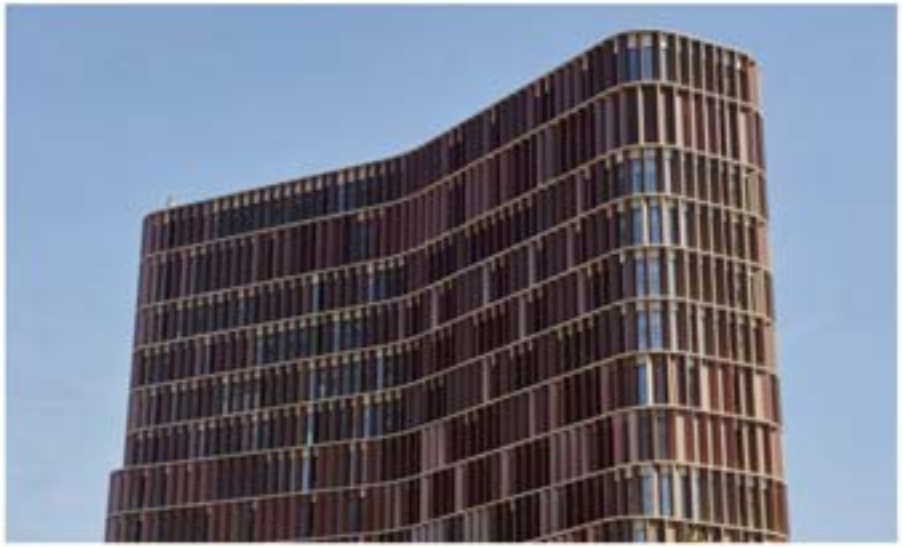
Lightweight yet versatile, the GRC elements were crafted in 1,000 unique variants for both external and internal cladding, mounted with hidden fixtures for a seamless look.

Year of Build:	2016-2017
Architect:	C.F. Møller Architects
Developer:	Mærsk Fonden, & The Danish Government
Location:	Copenhagen, Denmark

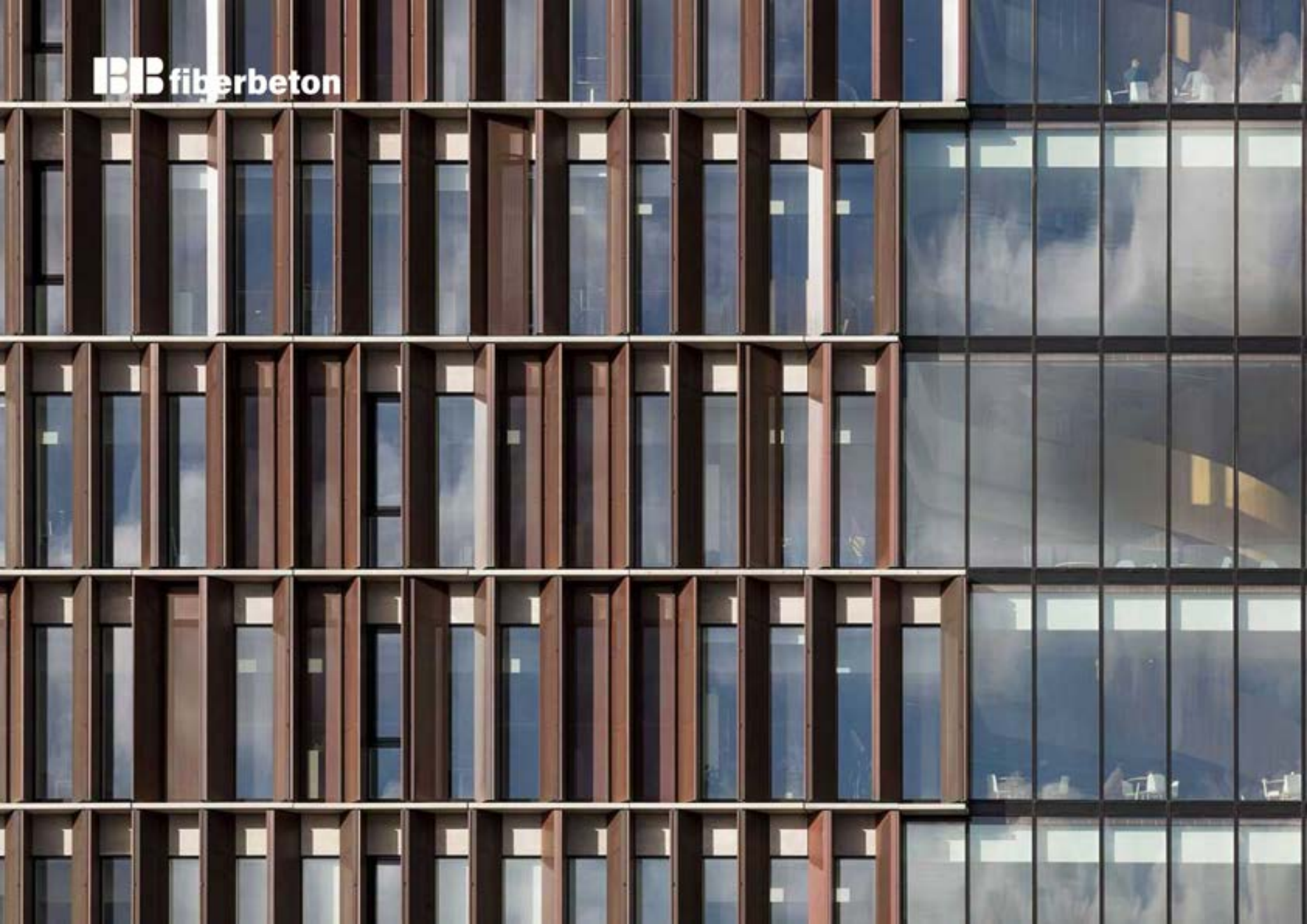
GRC elements:	~8000
Unfolded GRC:	~11,000 m2
Types:	~1000

The Mærsk Tower extends Panum's brutalist legacy with a contemporary twist.

Featuring 8,000 GRC elements in a subtle grey, the facade blends bold design with architectural harmony.



Mærsk Tower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New Build

AARhus

Precision-crafted GRC elements for a BIG-designed icon in Aarhus Ø

BB fiberbeton produced approximately 1,000 GRC façade elements for AARhus, spanning around 50 unique variants. The panels were manufactured in the standard 12 mm thickness, balancing strength with lightweight efficiency. Each panel integrates cast-in brackets and recessed holes with plugs, enabling precise alignment and fast installation while maintaining a clean, uninterrupted exterior surface. The durable GRC requires no technical maintenance and ensures long-term visual consistency, aligning with the project's focus on honest, material-driven architecture.
Working with BIG and Gehl Architects, BB fiberbeton contributed to a building that has become an instantly recognisable landmark on Aarhus Ø, combining technical performance with design ambition.

Year of Build:	2019
Architect:	BIG (Bjarke Ingels Group); Gehl Architects
BBf's client:	Kai Andersen A/S
Location:	Aarhus, Denmark

GRC elements:	~1000
Types:	50+
Mounting solution:	Cast-in brackets & recessed holes w. plugs
Thickness:	12 mm

With its cascading silhouette rising up to 20 storeys, AARhus redefines the Aarhus waterfront. BB fiberbeton supplied durable GRC façade panels, crafted to match the building's complex geometry and high design standards.

AARhus


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We’re with you all the way.
From concept to concrete.

At BB fiberbeton, we're more than a supplier – we're a partner by your side from first idea to final build.
We support architects, developers, and contractors in turning bold visions into solutions that both inspire and perform.

With decades of experience, we blend solid craft with technical innovation to create tailored GRC elements with low environmental impact and long-lasting performance.
Whether it’s renovation, new construction or complex special features – we’re with you. All the way.

For us, it’s never just about the material.
It’s about the process. The partnership. And achieving the best possible result – for every project, large or small.

Want to hear how we can support your project?

Contact us at info@bbf-uk.com
or read more at www.bbfiberbeton.com


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