

Inspiring Innovation

Think outside the slab.



BALCROM
ENGINEERED CONCRETE

www.balcrom.co.nz

Precast concrete doesn't just allow for innovation. It inspires it.



Balcrom precast concrete is durable, versatile, sustainable and cost-effective, but the true beauty lies in the possibilities.

Our custom-build process means it can be anything you want it to be, while innovations in our technology are providing you with ideas you never thought achievable – all with a guaranteed quality finish.

We begin every project by sitting down with you to discuss your unique vision, then our team of experts will assist you from start to finish through what's called our 'Design Guide' approach. Using our product knowledge, years of experience and innovative thinking, we can make meaningful contributions to your design and bottom line throughout the process.

Based in Otago, Balcrom are the local experts. Our product and approach are designed for those wanting to think outside the square, with ideas that should never be restrained by the limits of their resources.

Balcrom has developed integrated management systems and is certified, according to international standards, as follows: TELARC Quality Management, TELARC Health and Safety, TELARC Environmental and members of Precast NZ, Concrete NZ and Site Safe.

This inherent dedication to the highest of standards means Balcrom is ISO Accredited in Quality, Environment and Health & Safety. This independent audit and accreditation ensures we provide a quality product complemented by a professional service. We follow the best practices to preserve the environment as much as possible, and our health and safety processes are above and beyond expectations.

Balcrom Quality Assurance

Quality Assurance (QA) focuses on the procedures to ensure a project is of the highest-possible quality and industry standards are applied.

QA is also the process of determining or deciding on the requirements of a project and identifying existing documents relevant to the quality requirements. Its application is essential for the success of any project – not only does appropriate QA prevent problems and reduce risk in any construction project, it helps to reduce timeframes and costs.

Balcrom uses the highly efficient Conqa system for QA. This enables our team to engage and collaborate more easily in the QA process by having the ability to upload photos, annotate them, raise defects, and pass or fail items on their checklist. It also allows us to generate detailed reports on the project.

Balcrom is a Precast NZ Certified Plant. This means that our products are manufactured with quality procedures in place that have been audited by an independent and accredited inspection body.

The unique features of precast concrete.

Technology is bringing a high level of productivity and innovation to the construction industry, with precast concrete at the forefront.

Home owners, architects and construction companies around the world are exploring new ways of using this versatile product, from sculpture-like architecture to translucent concrete windows.

With precast concrete, every panel is custom built which gives clients the opportunity to play with different products, sizes, shapes, textures and colours. Combined with our expert knowledge and facilities, you have the tools to produce a truly bespoke design.



Sustainability

As well as being aesthetically innovative, precast concrete is taking steps towards more sustainable living with a reduction in onsite waste and products such as 'Thermomass', providing clients with better climate control in hot and cold weather.



A quality product

- Durability and strength to withstand earthquakes and make buildings safer
- Dimensional accuracy
- NZ Standards compliant
- Non-combustible
- Fire rated
- Not subject to rot
- Acoustic insulation
- Thermal inertia reduces lifetime energy costs
- Sandwich panels available for insulation
- Large spans available from prestressing



A cost-effective building process

- Financial gains from shorter construction times and earlier occupation
- Reduction of on site labour
- Reduction of on site activity, noise, and disturbance
- Reduction of on site waste
- Low life-cycle cost
- Minimal maintenance



Products of inspiration.

A structurally sound product with a beautifully designed finish, aesthetically pleasing and attractive on the eye, our product range means your needs and wants are always met by incorporating different aggregates and using a variety of finishing techniques.

Whatever your brief – and the more bespoke, the more we appreciate the challenge – you can expect the very best in manufacturing methods and quality along with standard of finish.

Architectural and structural precast and prestressed concrete components can be combined to create the entire structure. Balcrom can make the design experience more efficient for the architect and engineer because it meets many of a building owner’s goals; fast construction, aesthetic variety, high quality, low maintenance, safety, interior expanse and a single source provider of all the components from architectural wall panels, beams and columns, double tees, stairs and landings, and flooring systems.



Architectural Panels

Our capability to cast custom concrete designs and high quality architectural finishes is only limited by your imagination. Over the years we’ve become known for our ability to execute superior design finishes, including wooden, coloured, patterned and various exposed aggregates.



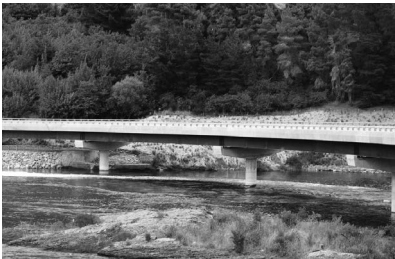
Thermomass Insulated Wall Panels

Thermomass is the industry leader in insulated prefabricated concrete panel technology for walls that increase energy efficiency, durability and performance.



Hollowcore Bridge Beams

Used extensively in commercial buildings, Hollowcore is an economical and flexible product manufactured using high-strength concrete processed through a unique machine.



Bridges

We’re experienced in developing structurally sound and aesthetically pleasing bridges of any size for any location.



Stairs and Landings

Balcrom manufactures a wide variety of precast concrete staircases and landings for any building and budget.



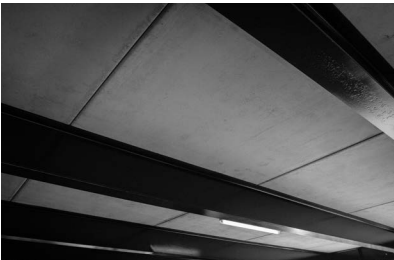
Rural

Balcrom specialises in innovative rural solutions with a range of precast products including milking sheds, storage sheds and bunkers.



Double Tees

A large prestressed precast concrete unit which, with the addition of an in-situ topping, forms a structural suspended floor suitable for use in most types of building.



Flat Slab

Predominantly used in residential construction, this system is ideal for short-span floors that are subjected to uniformly distributed loads.



Ribs and Infills

This flooring system incorporates prestressed concrete ribs, permanent formwork and an in-situ concrete topping for a lightweight and versatile suspended floor.

**We would love
to hear from you.**

**We look forward to
finding out about
your project.**

Cromwell

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