



INTERBLOC⁺

PRODUCTION & QUALITY ASSURANCE PROGRAM

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GUIDANCE FOR SAFE HANDLING,
PLACEMENT, AND REINFORCED SOIL
INTEGRATION

PRODUCTION & QUALITY ASSURANCE PROGRAM

01 CONCRETE DESIGN

The Interbloc+ units are manufactured from certified concrete sourced from approved ready-mix suppliers who are in compliance with the Concrete NZ's Plant Audit Scheme and is manufactured in accordance with NZS 3104 and NZS 3121 standards with a minimum 28-day compressive strength of 20 MPa.

02 QUALITY CONTROL MEASURES

Envirocon operates a rigorous quality-assurance program at all Interbloc+ production facilities, including but not limited to:

- **Certified mix designs** and supplier verification for every delivery, supported by documentation.
- **Batch identification and traceability** from mix design through to delivery, using barcode tracking embedded in the production workflow.
- **Visual inspection** of all blocks for cracks, spalling, or dimensional inconsistencies before storage.
- **Dimensional checks** conducted against published Interbloc+ tolerances.
- **Maintenance and calibration** of all moulds and production equipment under a scheduled preventative-maintenance program.

Customer-specific compliance data — can be supplied when specified at the point of quoting.

03 TRACEABILITY & DOCUMENTATION

Every Interbloc+ block is linked to its corresponding batch record through Envirocon's QA system.

This enables end-to-end traceability, allowing engineers and clients to verify material provenance and performance.

Product certification is available on request.

04 SUSTAINABILITY & MANUFACTURING ETHOS

Interbloc+ is proudly New Zealand made, utilising Envirocon's unique circular-concrete production model — diverting fresh excess concrete from waste into certified, high-value infrastructure blocks.

This approach delivers up to 97% embodied-carbon reduction compared with conventional block manufacture while maintaining full structural and compliance integrity.

Envirocon's sustainability framework is integrated into its quality system, ensuring that environmental, safety, and performance standards are consistently upheld throughout production.

05 DISCLAIMER

All information contained in this document is correct to the best of Envirocon's knowledge and provided in good faith. While every effort has been made to ensure accuracy, Envirocon accepts no liability for any loss arising directly or indirectly from reliance on this information. Envirocon maintains a policy of continuous improvement, and specifications are subject to change without notice.

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+64 0800 468 375
www.envirocon.co.nz

At Envirocon, we lead the way in sustainable construction with our innovative precast concrete block system, designed to support the circular economy by transforming surplus concrete into durable, reusable building solutions.

As the country's first accredited construction product stewardship scheme, we create ultra-low embodied carbon products that can be reused, recycled, or repurposed at the end of their life, and our buyback guarantee keeps concrete in circulation and out of landfills.