



Experience the
Future with Gunlake's
Low Carbon Concrete.

gunlake.com.au/bluestar



Create. Innovate.



Low Carbon. High Impact.

How BlueStar Sets a New Standard In
Low Carbon Concrete Mixes

BlueStar Concrete

BlueStar Low Carbon Concrete represents the next generation of sustainable construction. Delivering significant reductions in embodied carbon without sacrificing performance, it supports both environmental responsibility and industry standards.

Key Features and Benefits:

- **Lower Carbon Footprint** – Achieves 30% Plus reduction in embodied carbon across mixes.
- **Carbon-Neutral Option** – BlueStar Zero is carbon neutral, certified by Climate Active offsets.
- **Proven Compliance** – All mixes meet AS 1379, backed by EPDs and LCAs where required.
- **Innovative Materials** – Made with SCMs like fly ash, slag, and silica fume reducing reliance on energy-intensive cement.
- **Sustainability Aligned** – Supports Green Star certification, ESG benchmarks, and corporate sustainability targets.
- **Assured Quality** – Verified by G-Lab testing and Verifi® in-transit monitoring technology.
- **Wide Application** – Suitable for residential slabs to large-scale infrastructure.
- **Circular Economy Impact** – Cuts Scope 3 emissions, uses recycled by-products, and drives sustainable construction.
- **Backed by Expertise** – Supported by Gunlake's technical team and investment in innovation.

BlueStar isn't just concrete, it's a future-ready solution empowering builders, developers, and governments to achieve sustainability goals with confidence.





Our Products

Whether you're targeting Green Star certification, striving for internal ESG benchmarks, or simply looking to lower your environmental impact, every Gunlake BlueStar concrete product can be tailored to your sustainability goals. Each mix is engineered to maintain parity or better performance.

BlueStar	Up to 30% Embodied Carbon Reduction	A reliable low carbon option using SCMs for everyday performance
BlueStar Plus	30-50%	A higher substitution mix for more ambitious sustainability goals
BlueStar Ultra*	> 50%	Our most advanced low carbon solution, maximising cement replacement
BlueStar Zero**	Net 100% (with offsets)	For full carbon neutrality, we offer Climate Active-certified offsetting across any mix design

* In Development Phase
** Subject to EPD approval



BlueStar Concrete Pty Ltd

Post Office Box 1665
2/53 Cross St, Double Bay NSW 2028

Contact

Phone 02 9363 1744
Concrete 1300 857 091

Quarries 02 4841 1344
Email info@gunlake.com.au

gunlake.com.au/bluestar



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