

Strong, innovative, sustainable

The world's most versatile construction material is now among it's greenest.



evobuild™ LOW CARBON CONCRETE

The evolution of sustainable building materials designed to meet today's sustainability targets

The introduction of EvoBuild™, paired with our comprehensive solutions, keeps you on time, on budget, and on target. Comprising three key elements: knowledgeable experts, science-backed data and sustainable product formulations, EvoBuild™ Solutions is designed to help you meet your sustainability goals without compromising on performance. We work alongside you, offering unparalleled service from concept to completion. And, our partnership doesn't end there—we continue to provide valuable reporting, such as annual CO2 savings, post-project. EvoBuild™ Solutions was developed based on empirical evidence obtained through extensive research and testing. It is backed by trusted sustainable standards and product-specific Environmental Product Declarations (EPDs) that well surpass industry-standard benchmarks for Global Warming Potential. Together, these form a transparent picture of how we can help you navigate and reach your sustainability goals.

EvoBuild™ Low Carbon Concrete is part of Heidelberg Materials' Evolve™ Family of Products, the evolution of sustainable building materials. Our company, our products, our partnerships are unified behind this single concept—that we must evolve to meet the challenges of tomorrow.



ENVIRONMENTAL PRODUCT DECLARATION

This Environmental Product Declaration (EPD) reports the impacts for 1 m³ of ready mixed concrete mix, meeting the following specifications:

- ASTM C94: Ready-Mixed Concrete
- UNSPSC Code 30111505: Ready Mix Concrete
- CSA A23.1/A23.2: Concrete Materials and Methods of Concrete Construction
- CSI Division 05-30-00: Cast-in-Place Concrete

ENVIRONMENTAL IMPACTS

Declared Product:
Mix: GC25D3/BS/C08
Description: GENERAL 25MPa 14MM F2
Compressive strength: 25 MPa at 28 days
Declared Unit: 1 m³ of concrete

Global Warming Potential (kg CO ₂ -eq)	213
Ozone Depletion Potential (kg CFC-11-eq)	6.84E-6
Acidification Potential (kg SO ₂ -eq)	0.90
Eutrophication Potential (kg N-eq)	0.22
Photochemical Ozone Creation Potential (kg O ₃ -eq)	24.3
Abiotic Depletion, non-fossil (kg Sb-eq)	5.66E-6
Abiotic Depletion, fossil (kg S)	1.210
Total Waste Disposed (kg)	0.28
Consumption of Freshwater (m³)	4.19

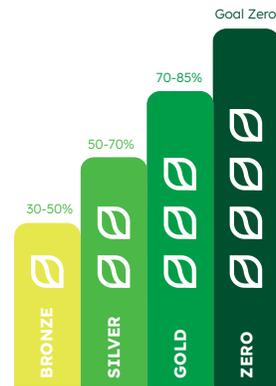
Product Component: [see below](#)



Beyond sustainability: EvoBuild™ Solutions

- Comprehensive Sustainable Solutions. In order to support you and balance your project's sustainability goals, schedule and budget, we offer:
 - True Partnership. Our experts are with you and supporting you every step of the way; from project conception and design to build and post project support.
 - Superior Product. We offer concrete that is optimized for sustainability without sacrificing performance.
- We Make it Easy. EPD's provide transparency and clarity when choosing the right EvoBuild™ option.
- Advanced Tools. From our carbon calculator at the onset of a project to our real-time delivery tracker to our digital Hub, we've harnessed the most innovative technologies to bring efficiency to every part of the project.
- Delivering on performance. Our services include extensive product testing, R&D and on-site test solutions.

Dial up the green. Dial down the CO₂.



The EvoBuild™ Range: reducing the carbon footprint of concrete



- 1.** Our experts partner with you to define your sustainability targets

Carbon savings

Industry Avg. (Baseline) Min Savings Max Savings
- 2.** We develop the right solution for your project

We take determining factors like price, schedule & sustainability into account...

Calculating the reduced carbon footprint of your order

CARBON CALCULATOR
- 3.** We deliver your concrete and offer post-project support

A dedicated sales team helps keep your project on track

And, we provide Post-project annual CO₂ savings data & reporting

Contact your sales representative for more information on how we can help you meet your sustainability targets today.



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