

ECOPact

LOW-CARBON CONCRETE

For all your project needs.

Embrace your decarbonisation journey with Holcim's innovative low-carbon concrete products.

Our flagship low-carbon concrete products ECOPact, ECOPact Max, and ECOPact Active provide developers, specifiers, builders and contractors with a low-carbon product specific to their project's performance and sustainability requirements. Join us in decarbonising our future, one concrete pour at a time.



ECOPact

Low-carbon concrete made easy with a minimum 30% embodied carbon reduction.^



ECOPact^{MAX}

Go further, go lower with a minimum 70% embodied carbon reduction.^



ECOPact^{ACTIVE}

High performance low-carbon concrete.

ECOPact

ECOPact is low-carbon concrete for general applications. ECOPact refines the decarbonisation process for your project's concrete supply. ECOPact is designed to perform equal to, or better than conventional concrete.

233 CO₂ kg per m³*

Low-carbon, ready to go

National product range available for many applications.

Applications



General Residential Infrastructure Commercial

Key features

- ✓ Offers a minimum 30% reduction in embodied carbon compared to ordinary Portland cement concrete.^
- ✓ Maintains product strength and quality.
- ✓ Places and pumps like conventional concrete.

ECOPact^{MAX}

Challenge the status quo with ECOPact Max. ECOPact Max achieves a minimum 70% embodied carbon reduction compared to ordinary Portland cement concrete.^

118 CO₂ kg per m³*

Go further, go lower

Minimum 70% embodied carbon reduction.^

Applications



Residential Pathways Piling

Key features

- ✓ Offers a minimum 70% reduction in embodied carbon compared to ordinary Portland cement concrete.^
- ✓ Maintains product strength and quality.
- ✓ Suits projects where significant decarbonisation is desired.

ECOPact^{ACTIVE}

ECOPact Active is high performance, low-carbon concrete. A bespoke product that is designed to meet your project's performance and sustainability requirements. ECOPact Active achieves early age strength that matches or exceeds that of conventional post-tensioned and precast concrete, even with high levels of cement replacement.

221 CO₂ kg per m³*

Bespoke — designed to perform

Early age strength and low shrinkage.

Applications



Post-tension Precast

Key features

- ✓ Offers a minimum 30% reduction in embodied carbon compared to ordinary Portland cement concrete.^
- ✓ Early age strength to enable faster construction.
- ✓ Lower shrinkage than conventional concrete.

All ECOPact products come with a product-specific EPD registered with EPD Australasia. This declaration provides transparent information about the environmental impact of the concrete, enabling informed decision-making during project planning and design stages.



Carbon Offsetting

All ECOPact products offer an option to opt-in for a Climate Active Carbon Offsetting service, allowing projects to offset the remaining carbon while also supporting investment in carbon offsetting projects.

*All CO₂ figures are in reference to our 32MPa ECOPact range (Melbourne). ECOPact Active is typically 40MPa and higher. The 32MPa ECOPact Active value is provided to allow for a GWP comparison of various ECOPact performance options.

^Reduction in embodied carbon in comparison to Australian Life Cycle Inventory (AusLCI) database value for an ordinary portland cement ready-mix concrete (i.e. no innovation or use of supplementary cementitious materials). Link to AusLCI data <https://alcas.asn.au/auslci> and AusLCI concrete background report <https://auslci.com.au/>

To find out more about how ECOPact is building a sustainable future contact our specialist team today on **13 11 88** or visit holcim.com.au/ecopact

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