



Our low carbon future

HyndsLC® Information Sheet

The HyndsLC® range of concrete pipe and precast concrete products combines all the benefits of our industry-leading range with a reduced carbon footprint.

The new HyndsLC® range enables our customers to meet their sustainability requirements without compromising on quality and durability. The range can be tailored to meet specific project requirements and embodied carbon reduction targets.

Embodied Carbon Reductions

The HyndsLC® range can be customized to meet your specific project requirements, for both performance and sustainability. The carbon reductions are achieved through increased use of supplementary cementitious materials (SCM's) in our concrete, increasing the use of raw materials with lower carbon footprints, and optimized product design

The HyndsLC® range is available in a set of standard reductions:

- LC 25** LC25: Our lower carbon concrete and raw materials option to provide an average manufactured product carbon reduction of 25%.
- LC 25+** LC25+: Our lower carbon concrete and raw materials option, combined with optimized design based on the specifics of the project. Carbon reductions vary depending on project limitations.

All of the product carbon reductions are relative to Hynds standard range of products. The exact carbon reduction varies with product design and project specifications. Please reach out to our sales team to find the right products for your project.

Carbon Footprint Calculations

All percentage reductions referenced represent the reduction in GWP-total compared to Hynds standard range of products. This represents a comparison to a real product, not a database or industry average value.

The calculation of all product carbon footprints follow the standard EN 15804+A2, as required for Environmental Product Declarations, and have been developed in collaboration with thinkstep-ANZ. The values cover cradle-to-gate only (EPD modules A1-A3) and do not include transport beyond Hynds sites or end-of-life scenarios.

For more information on the calculations or for specific product carbon footprints, please contact sustainability@hynds.co.nz



Standard Range Specifications

The HyndsLC® product range meets the same specifications as the existing concrete pipe and precast concrete product ranges, covering the majority of everyday applications.

Sustainable Manufacturing

The HyndsLC[®] range was initially developed at Hynds state-of-the-art Pōkeno precast facility. Key improvements that were incorporated into the facility include:

- Use of automated and semi-automated manufacturing techniques that result in minimal waste (over 90% waste reduction in waste produced), reduced environmental noise and a safer working environment compared to traditional pipe spinning methods.
- Wastewater from the concrete production and distribution is processed through a state-of-the-art Geco system, screening out solid materials and pH neutralising the water for reuse.
- Concreted road network and on-site water truck minimises dust nuisance and ongoing maintenance.
- Use of bore water and rain harvesting significantly reduces council-supplied freshwater usage.
- Extensive use of LED lighting.
- Onsite, high performance concrete batching plant eliminates the requirement for concrete deliveries to the site.
- Centralised North Island location reduces transportation requirements, both for delivery of materials to the site and the despatch of finished products.

Sustainable Business

We are a proud Kiwi company with a passion for Aotearoa. Protecting New Zealand's waterways, environment and communities is at the heart of everything Hynds does. Our business was built around finding sustainable solutions to support the three waters (drinking water, wastewater and stormwater infrastructure services) and ultimately keeping our country's waterways clean and our communities safe – both for today and for future generations.

We also want to do our bit to reduce the harm that a warming climate will have on the planet. Hynds has adopted a science-based commitment to reduce our scope 1 and 2 emissions by 42% by 2032 and to engage with our key suppliers to also have science-based targets by 2027. The HyndsLC[®] range represents our commitment to both lowering our emissions and supporting our customers in their sustainability journeys.

For sustainability related questions please email: sustainability@hynds.co.nz

