

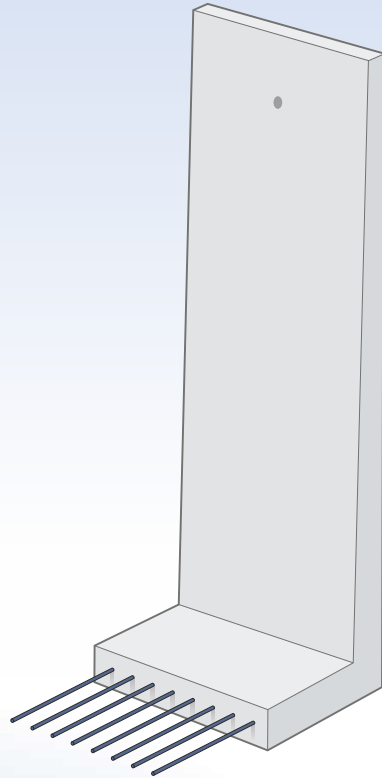
NAYLOR

CONCRETE

Made in the UK

Excellent Construction Products

Naylor Precast Retaining Walls & Liquid Holding Tanks



Carbon Footprint - Manufacture



Extraction from Naylor concrete
intel's Environmental Product
Declaration (EPD)

EPD produced in accordance
with EN 15804+A2 2019
including EN 15804+A1 2013 &
ISO 14025 / 21930

Scope

This document is a Cradle-to-Gate CO₂e breakdown of Naylor Rockwall and Groundwall retaining walls and Sealwall liquid holding tanks. It includes material extraction, transport, and product manufacture. The environmental impact is recorded during each step and totalled at the end to show the overall emissions created per tonne of product.

Manufacturer information

Manufacturer	Naylor Concrete Products Ltd
Address	Whaley Road, Barugh Green, Barnsley S75 1HT
E-Mail	info@naylor.co.uk
Website	www.naylorconcrete.co.uk
Declared unit	Per unit size

Cradle-to-gate kgCO₂e

Height	Rockwall			Groundwall		Sealwall
	2550mm	3200mm	3800mm	3500mm	4000mm	4000mm
A1 Material Extraction	218.3	256.6	281.6	408.2	459	298.3
A2 Transport	14.28	16.54	18.01	25.07	28.04	22.52
A3 Manufacturing	0.16	0.17	0.17	0.19	0.19	0.17
Total at Gate KgCO₂e/m³	232.74	273.31	299.78	433.46	487.23	320.99

For a full CO₂e breakdown please refer to the Naylor Environmental Product Declaration for Naylor Precast retaining walls and liquid holding tanks.



References

- BSI. (2020). BS EN ISO 14040:2006+A1:2020: *Environmental Management - Life cycle assessment - Principles and framework*. BSI Standards Publication.
- BSI. (2021). BS EN 15804:2012+A2:2019: *Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products*. BSI.
- BSI. (2022). PAS 2050:2011: *Specification for the assessment of the life cycle greenhouse gas emissions of goods and services*.
- Naylor Concrete. (2023). *Precast Systems*. Retrieved from Naylor Concrete:
<https://www.naylorconcrete.co.uk/precast-systems/>
- One Click LCA. (2022). *One Click LCA Pre-Verified EPD Generator*. Retrieved from One Click LCA:
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