

**NAYLOR**

CONCRETE

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Excellent Construction Products

# Verti-Block by Naylor Concrete



## Carbon Footprint - Manufacture



Extraction from Verti-Block by  
Naylor Concrete 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 CO<sub>2</sub>e breakdown of Vert-Block by Naylor Concrete retaining wall units. 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	vertiblock@naylor.co.uk
Website	www.naylorconcrete.co.uk
Declared unit	Per unit size

## Cradle-to-gate kgCO<sub>2</sub>e

	Verti-Block
A1 Material Extraction	392.42
A2 Transport	23.58
A3 Manufacturing	14.83
<b>Total at Gate KgCO<sub>2</sub>e/m<sup>3</sup></b>	<b>430.83</b>

For a full CO<sub>2</sub>e breakdown please refer to the Naylor Environmental Product Declaration for Verti-Block by Naylor Concrete.



## 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.
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<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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