# ENVIRONMENTAL PRODUCT DECLARATION

## MANUFACTURER

| | |
|---|---|
| **Manufacturer** | FP McCann |
| **Address** | 3 Drumard Road, Knockloughrim |
| **Website** | fpmccann.co.uk |
| **Period of Data** | 2024 |

## PRODUCT

| | |
|---|---|
| **Declared Product** | Single Beam 225 T Beam Full Block |
| **Product Range** | Flooring |
| **Place of Production** | United Kingdom |
| **Product Mass** | 0.233 $T/m^2$ |
| **GWP, A1-A3** | 31 Kg $CO_2e$ per $m^2$ |
| **Description** | Concrete is specified in accordance with BS 8500 and BS EN 206. The recycled content for steel has been assumed to be 97%. Generic industry data has been used for materials, energy and transport. |

SCAN THE QR CODE TO VIEW OUR SUSTAINABILITY BOOKLET

**MARK MCCANN**
**Director/Chief Engineer**

## GWP

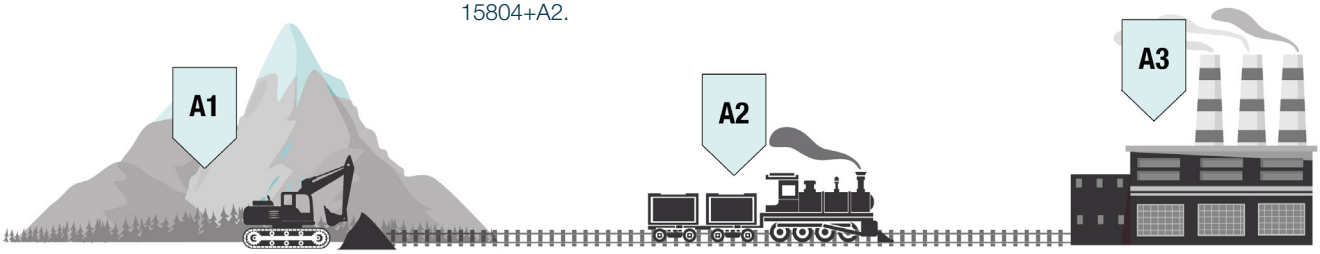
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## STANDARDS

This document has been generated using One Click LCA software and report ISO 14021 self-declared results, calculated according to ISO 14040 and ISO 14044 standards. The results follow ISO 21930/EN 15804+A2.

## SCOPE OF ASSESSMENT

The results have a cradle-to-gate scope, comprising raw materials extraction and supply (A1), transport (A2) and manufacturing (A3).




## SYSTEM BOUNDARY

| Product Stage | | | Construction | | Use Stage | | | | | | | End of life stage | | | | Beyond the system boundary | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A1 | A2 | A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D | D | D |
| X | X | X | | | | | | Modules Not Declared | | | | | | | | | | |
| Raw Materials | Transport to site | Manufacturing | Transport | Construction | Use | Maintenance | Repair | Replacement | Refurbishment | Operational energy | Operational water | Deconstruction | Transport | Waste processing | Disposal | Reuse | Recovery | Recycling |

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| **Period of Data** | 2024 |

## PRODUCT

| | |
|---|---|
| **Declared Product** | Single Beam 225 T Beam Full Block/Narrow Block |
| **Product Range** | Flooring |
| **Place of Production** | United Kingdom |
| **Product Mass** | 0.260 $T/m^2$ |
| **GWP, A1-A3** | 34 Kg $CO_2e$ per $m^2$ |
| **Description** | Concrete is specified in accordance with BS 8500 and BS EN 206. The recycled content for steel has been assumed to be 97%. Generic industry data has been used for materials, energy and transport. |

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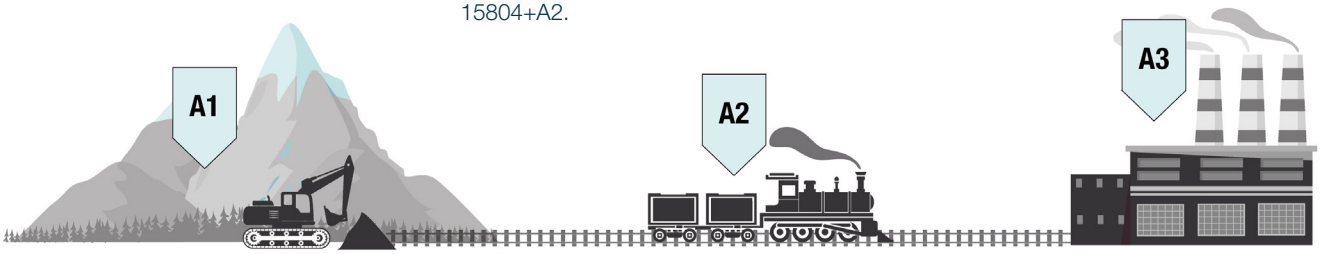


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## PRODUCT

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|---|---|
| **Declared Product** | Single Beam 225 T Beam Narrow Block |
| **Product Range** | Flooring |
| **Place of Production** | United Kingdom |
| **Product Mass** | 0.305 $T/m^2$ |
| **GWP, A1-A3** | 40 Kg $C0_2e$ per $m^2$ |
| **Description** | Concrete is specified in accordance with BS 8500 and BS EN 206. The recycled content for steel has been assumed to be 97%. Generic industry data has been used for materials, energy and transport. |

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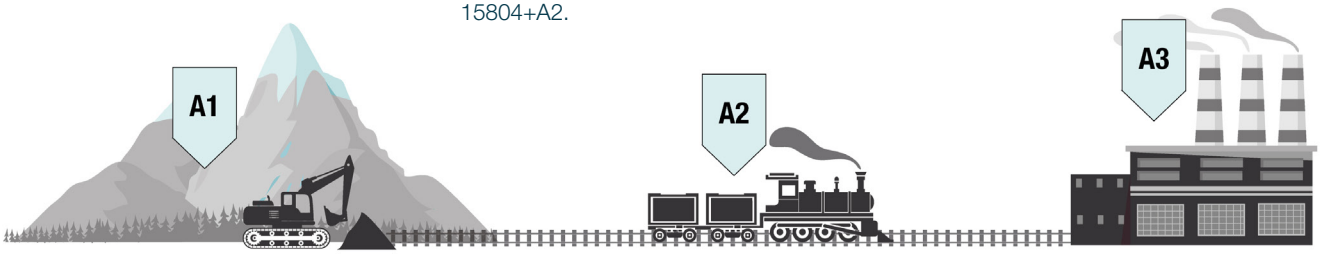


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