

# ENVIRONMENTAL PRODUCT DECLARATION



## MANUFACTURER

|                       |                               |
|-----------------------|-------------------------------|
| <b>Manufacturer</b>   | FP McCann                     |
| <b>Address</b>        | 3 Drumard Road, Knockloughrim |
| <b>Website</b>        | fpmccann.co.uk                |
| <b>Period of Data</b> | 2023                          |

## PRODUCT

|  |   |
|--|---|
| <b>Declared Product</b>                | Solid Composite Plank 75+75   |
| <b>Product Range</b>                   | Flooring  |
| <b>Place of Production</b>             | United Kingdom  |
| <b>Product Mass (T/m<sup>2</sup>)</b>  | 0.364   |
| <b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b> | 71  |
| <b>Description</b>                     | 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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**MARK MCCANN**  
Director/Chief Engineer

## GWP

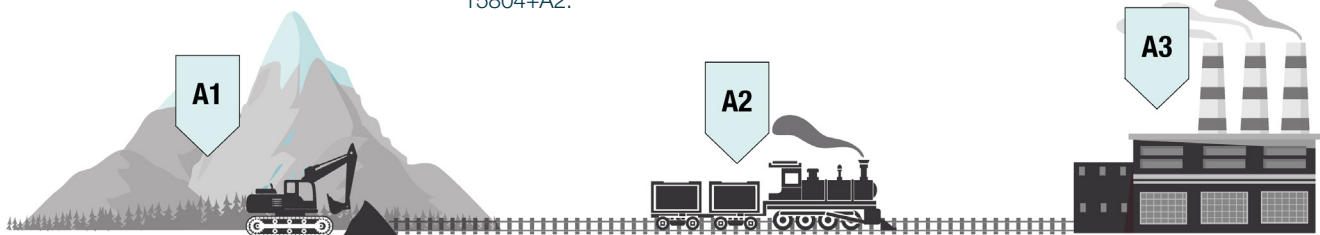
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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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| <b>Period of Data</b> | 2023                          |

## PRODUCT

|  |   |
|--|---|
| <b>Declared Product</b>                | Solid Composite Plank 75+100  |
| <b>Product Range</b>                   | Flooring  |
| <b>Place of Production</b>             | United Kingdom  |
| <b>Product Mass (T/m<sup>2</sup>)</b>  | 0.432   |
| <b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b> | 84  |
| <b>Description</b>                     | 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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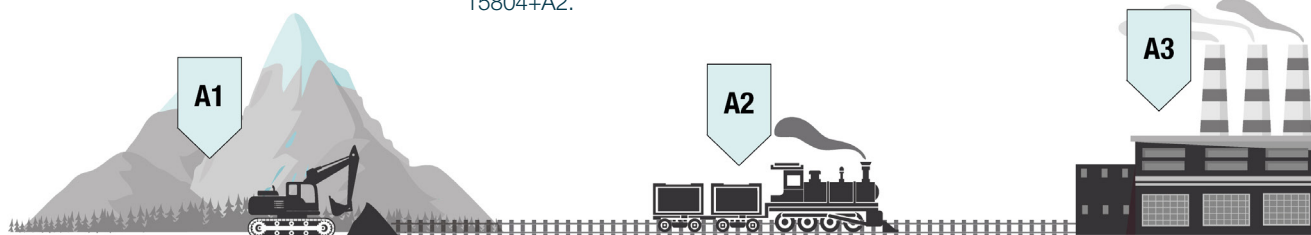
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| A1            | A2                | A3            | A4           | A5           | B1        | B2          | B3     | B4                   | B5            | B6                 | B7                | C1                | C2        | C3               | C4       | D                          | D        | D         |
| X             | X                 | X             |              |              |           |             |        | Modules Not Declared |               |                    |                   |                   |           |                  |          |                            |          |           |
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## PRODUCT

|  |   |
|--|---|
| <b>Declared Product</b>                | Solid Composite Plank 100+50  |
| <b>Product Range</b>                   | Flooring  |
| <b>Place of Production</b>             | United Kingdom  |
| <b>Product Mass (T/m<sup>2</sup>)</b>  | 0.362   |
| <b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b> | 70  |
| <b>Description</b>                     | 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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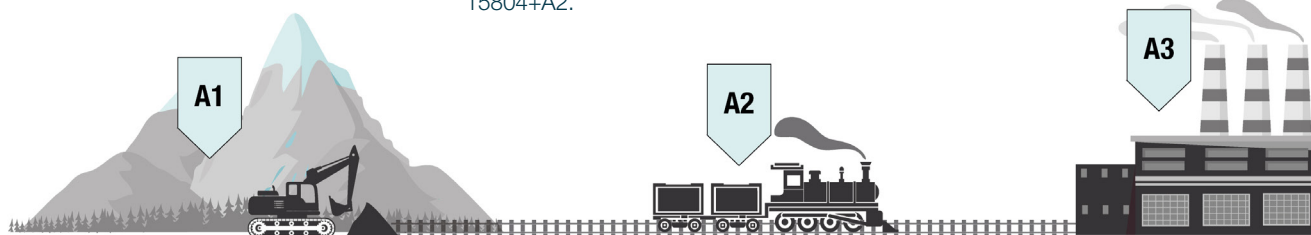
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| <b>Product Range</b>                   | Flooring  |
| <b>Place of Production</b>             | United Kingdom  |
| <b>Product Mass (T/m<sup>2</sup>)</b>  | 0.484   |
| <b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b> | 94  |
| <b>Description</b>                     | 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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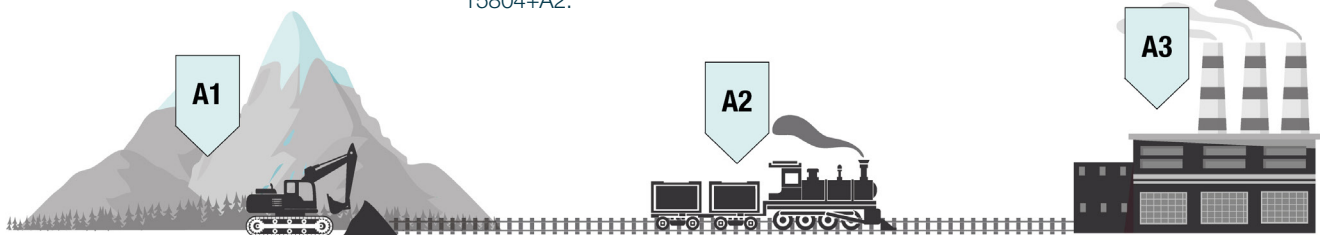
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