

# 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>	DN675 11.25° 22.5° 45° Two Piece Bends
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.775
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	102

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

## GWP

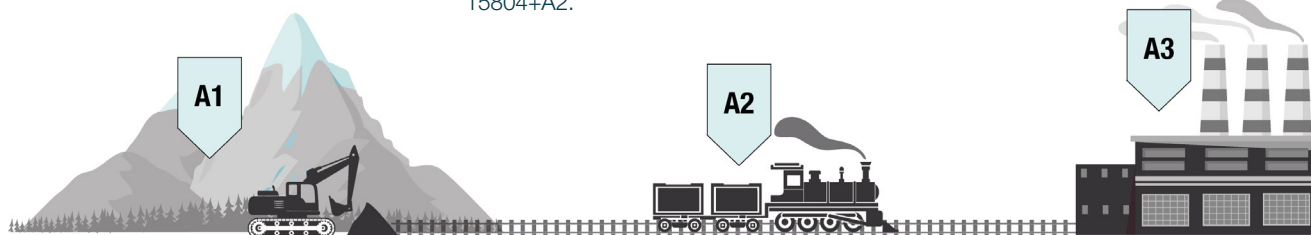
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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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## PRODUCT

<b>Declared Product</b>	DN750 11.25° 22.5° 45° Two Piece Bends
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.925
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	133
<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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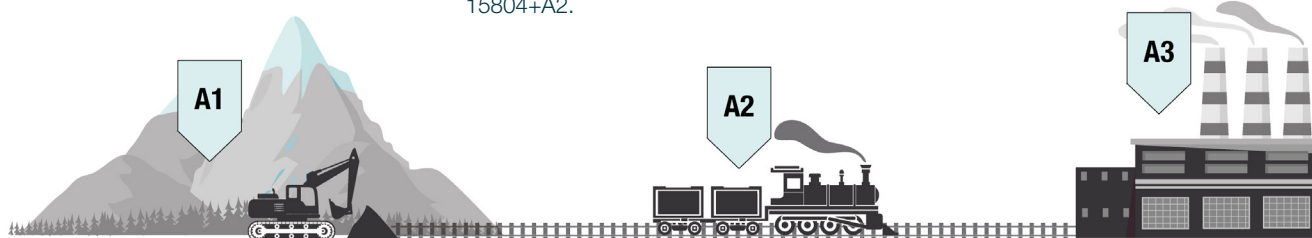
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X	X	X						Modules Not Declared										
Raw Materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

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## PRODUCT

<b>Declared Product</b>	DN900 11.25° 22.5° 45° Two Piece Bends
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	1.140
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	164

### Description

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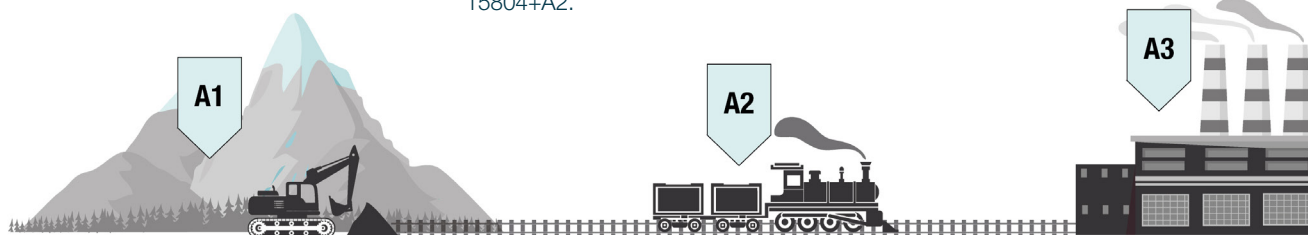
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X	X	X						Modules Not Declared										
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## PRODUCT

<b>Declared Product</b>	DN1050 11.25° 22.5° 45° Two Piece Bends
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	1.515
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	219

### Description

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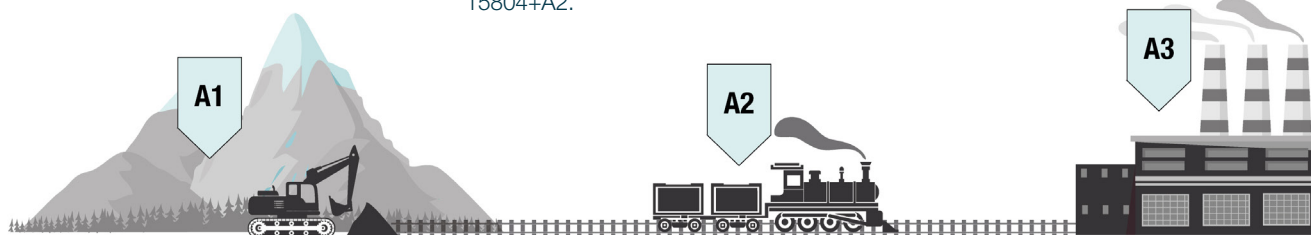
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## PRODUCT

<b>Declared Product</b>	DN1200 11.25° 22.5° 45° Two Piece Bends
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	1.955
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	282

### Description

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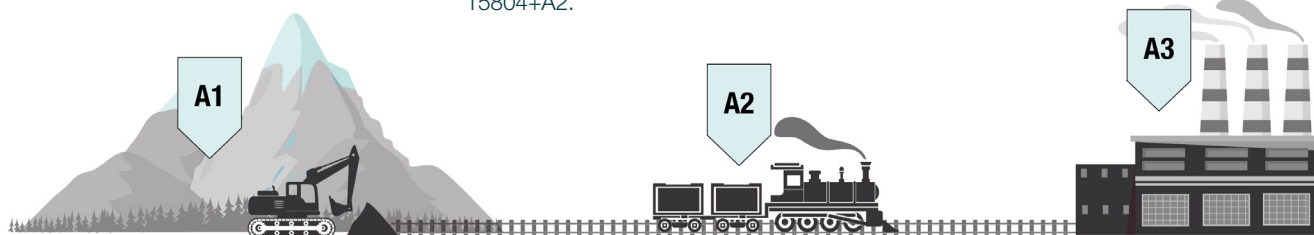
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## PRODUCT

<b>Declared Product</b>	DN1350 11.25° 22.5° 45° Two Piece Bends
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	2.425
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	350

### Description

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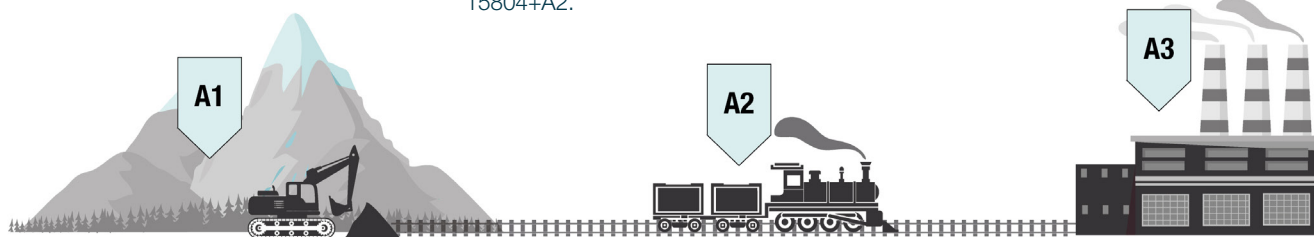
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<b>Period of Data</b>	2023

## PRODUCT

<b>Declared Product</b>	DN1500 11.25° 22.5° 45° Two Piece Bends
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	2.965
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	428

### Description

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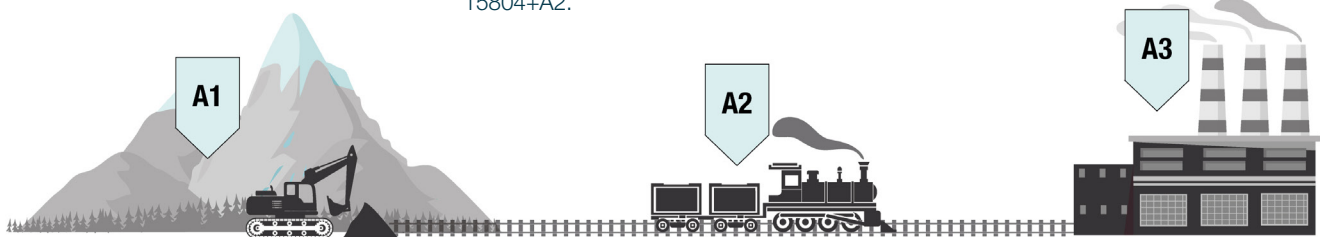
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## PRODUCT

<b>Declared Product</b>	DN1800 11.25° 22.5° 45° Two Piece Bends
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	4.105
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	592

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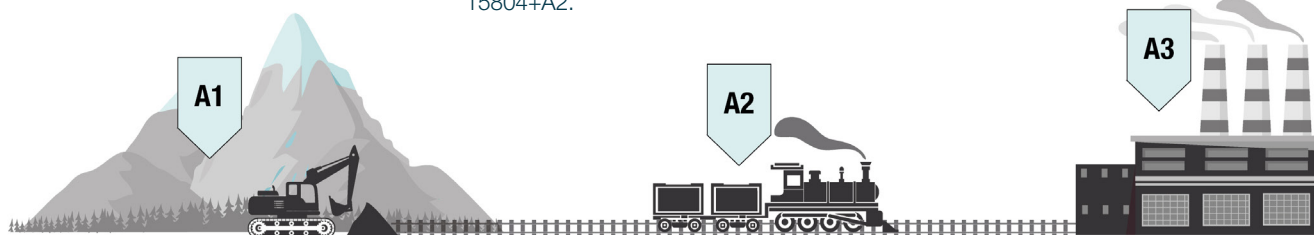
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