

# 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>	DN300 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.454
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	60
<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

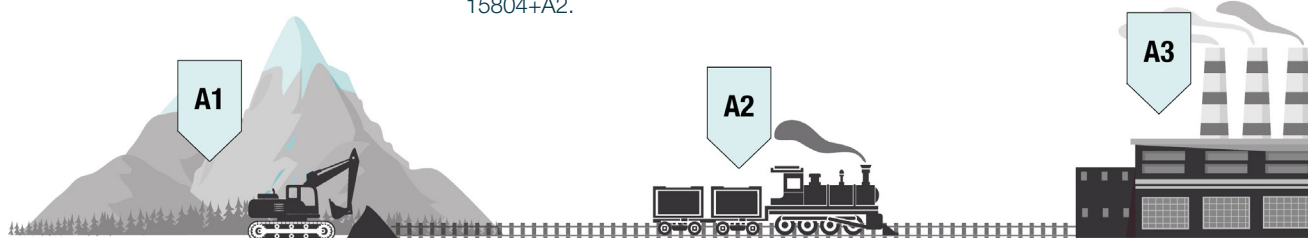
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## STANDARDS

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## 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>	DN375 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.616
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	81
<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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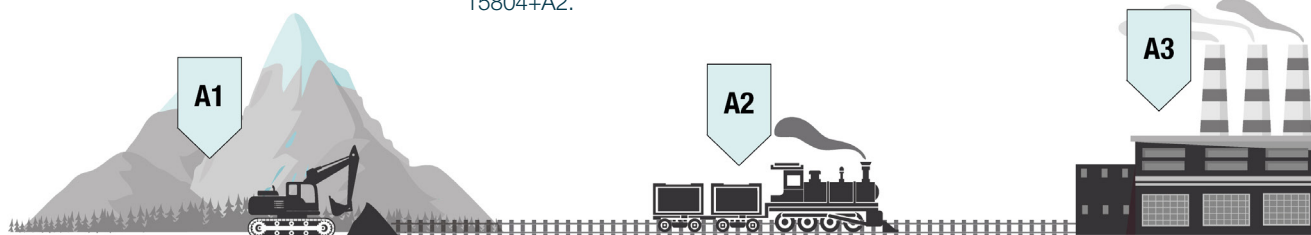
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## PRODUCT

<b>Declared Product</b>	DN450 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.812
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	107
<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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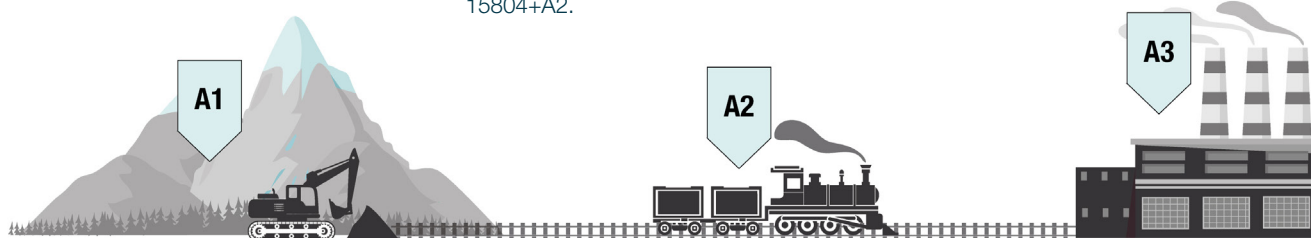
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## PRODUCT

<b>Declared Product</b>	DN525 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.996
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	131
<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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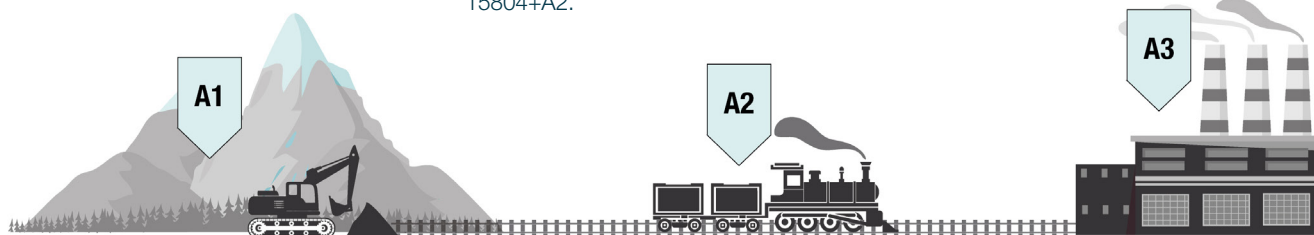
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X	X	X						Modules Not Declared										
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## PRODUCT

<b>Declared Product</b>	DN600 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	1.420
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	187
<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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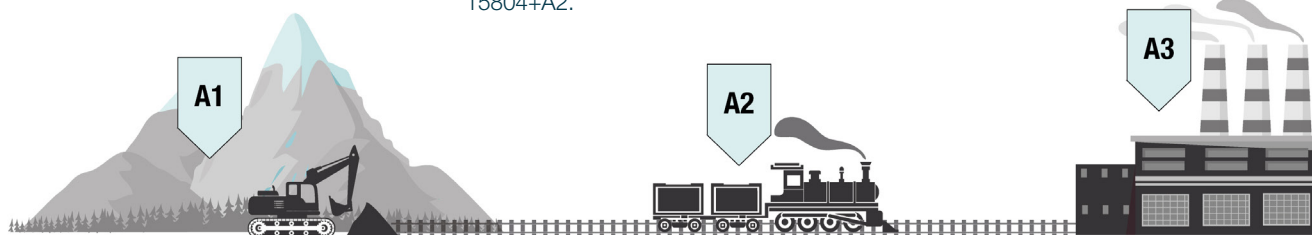
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<b>Declared Product</b>	DN675 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	1.856
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	244
<b>Description</b>	Concrete is specified in accordance with 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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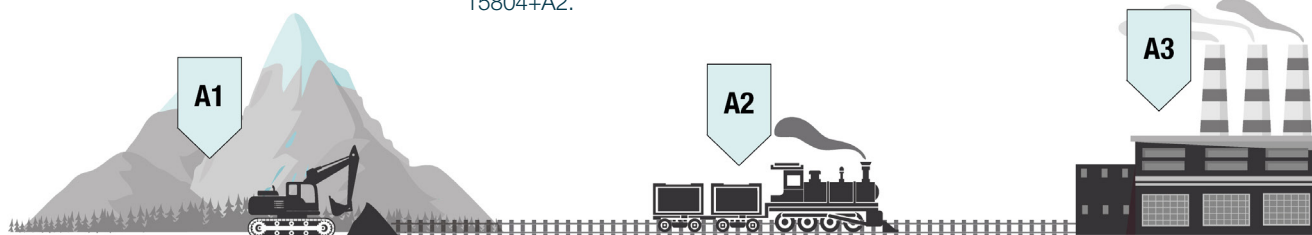
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## PRODUCT

<b>Declared Product</b>	DN750 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	2.194
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	288
<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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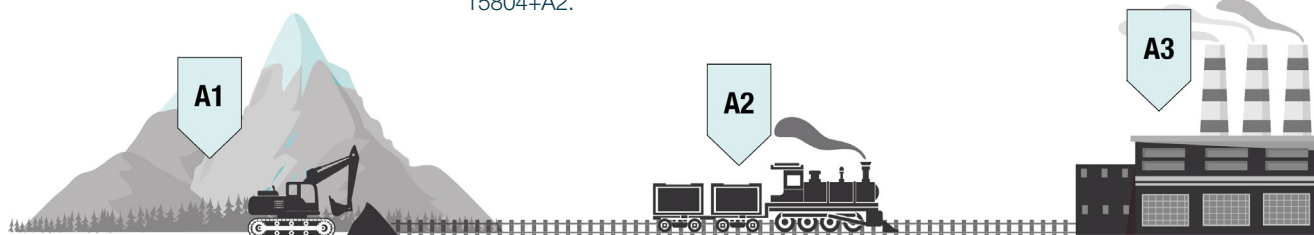
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X	X	X						Modules Not Declared										
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## PRODUCT

<b>Declared Product</b>	DN825 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	1.690
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	248
<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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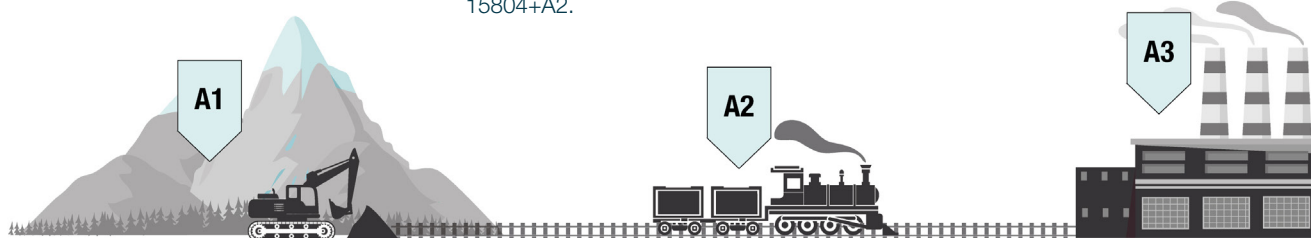
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## PRODUCT

<b>Declared Product</b>	DN900 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	2.060
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	303
<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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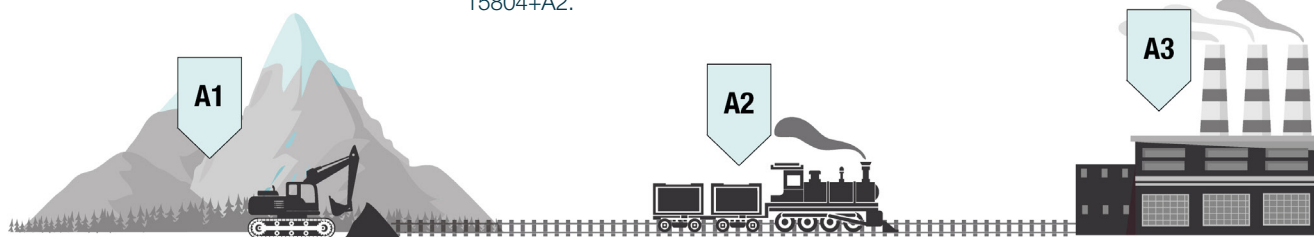
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## PRODUCT

<b>Declared Product</b>	DN1050 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	2.760
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	405
<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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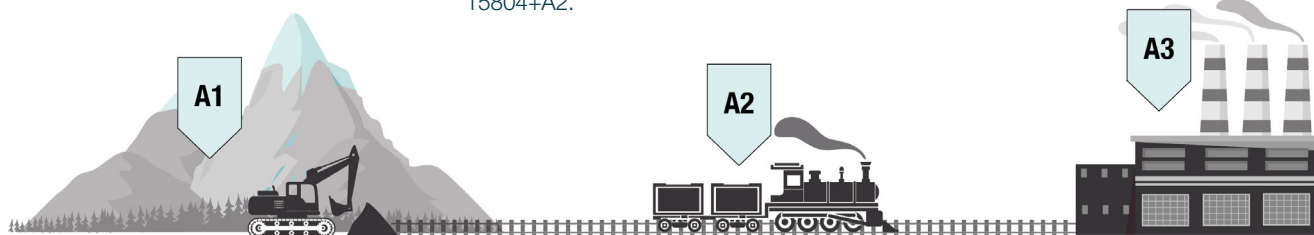
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<b>Declared Product</b>	DN1200 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	3.630
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	533
<b>Description</b>	Concrete is specified in accordance with 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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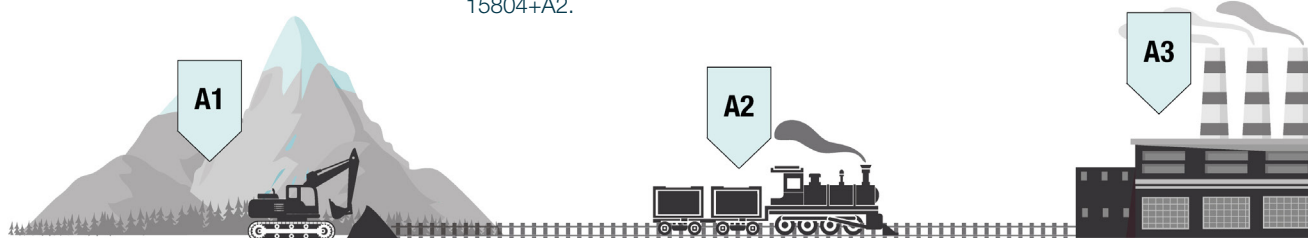
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## PRODUCT

<b>Declared Product</b>	DN1350 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	4.290
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	630
<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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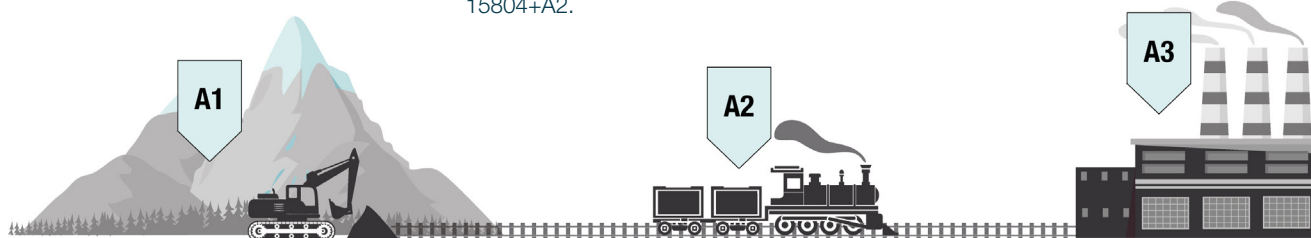
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This document has been generated using One Click LCA software and report ISO 14021 self-declared results, calculated according to ISO 14040 and ISO 14044 standards. The results follow ISO 21930/EN 15804+A2.

## 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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# 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>	DN1500 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	5.330
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	783
<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

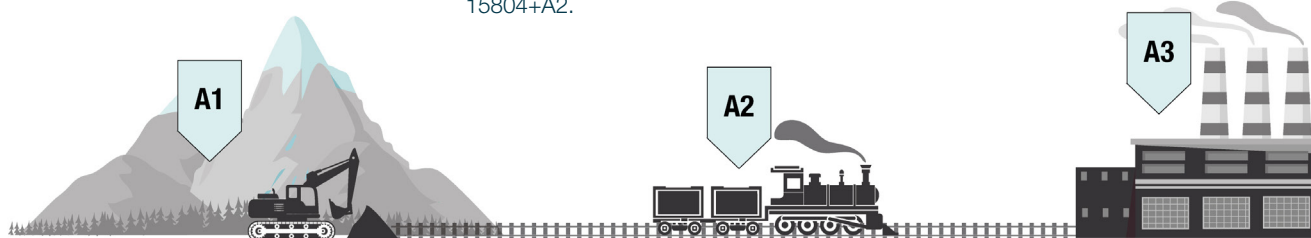
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## SYSTEM BOUNDARY

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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# 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>	DN1800 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	7.300
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	1072
<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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Director/Chief Engineer

## GWP

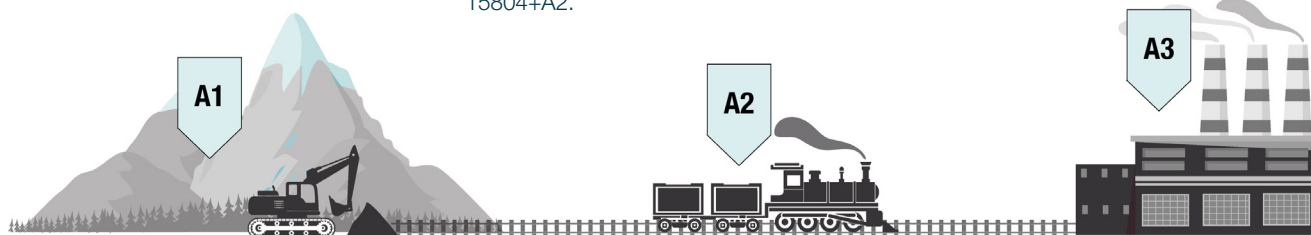
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## SCOPE OF ASSESSMENT

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## 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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# ENVIRONMENTAL PRODUCT DECLARATION



## MANUFACTURER

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<b>Address</b>	3 Drumard Road, Knockloughrim
<b>Website</b>	fpmccann.co.uk
<b>Period of Data</b>	2023

## PRODUCT

<b>Declared Product</b>	DN2100 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	9.160
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	1345
<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

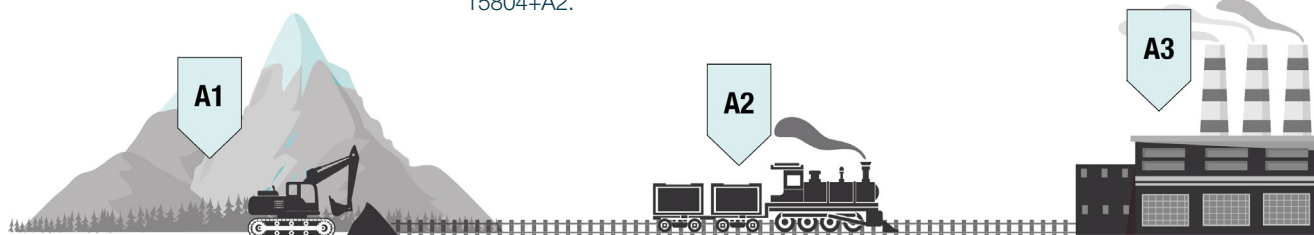
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## SCOPE OF ASSESSMENT

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## 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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# ENVIRONMENTAL PRODUCT DECLARATION



## MANUFACTURER

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<b>Address</b>	3 Drumard Road, Knockloughrim
<b>Website</b>	fpmccann.co.uk
<b>Period of Data</b>	2023

## PRODUCT

<b>Declared Product</b>	DN2400 Concrete Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	10.070
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	1479
<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

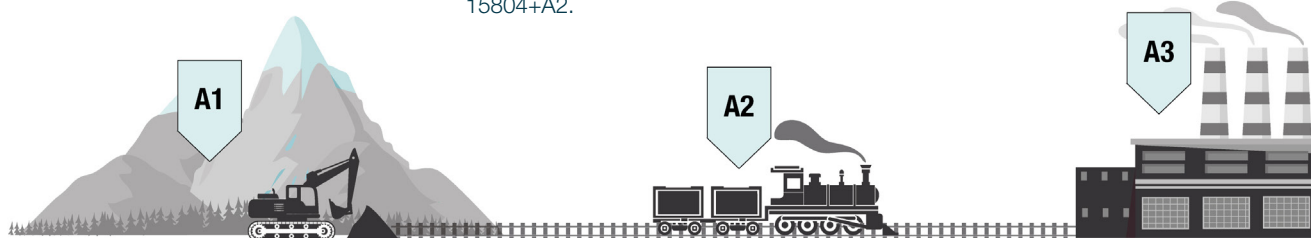
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## SYSTEM BOUNDARY

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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