

# 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 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.145
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	19
<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 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.174
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	23
<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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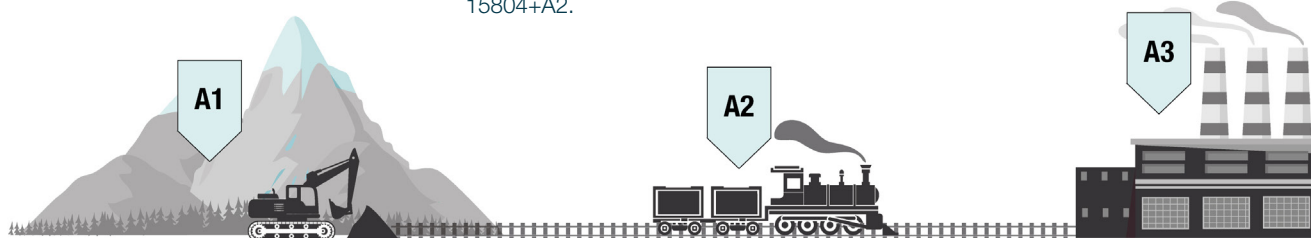
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## PRODUCT

<b>Declared Product</b>	DN450 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.230
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	30
<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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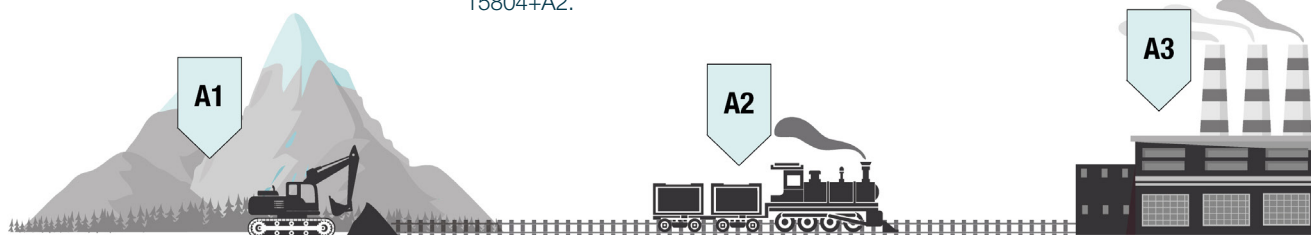
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## PRODUCT

<b>Declared Product</b>	DN525 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.270
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	35
<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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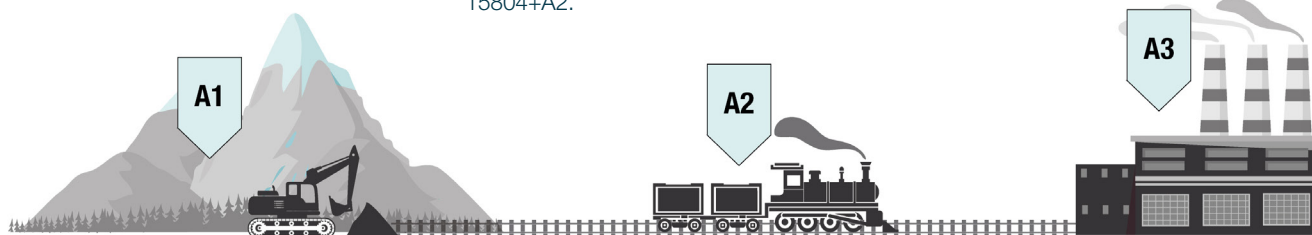
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<b>Declared Product</b>	DN600 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.370
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	49
<b>Description</b>	Concrete is specified in accordance with 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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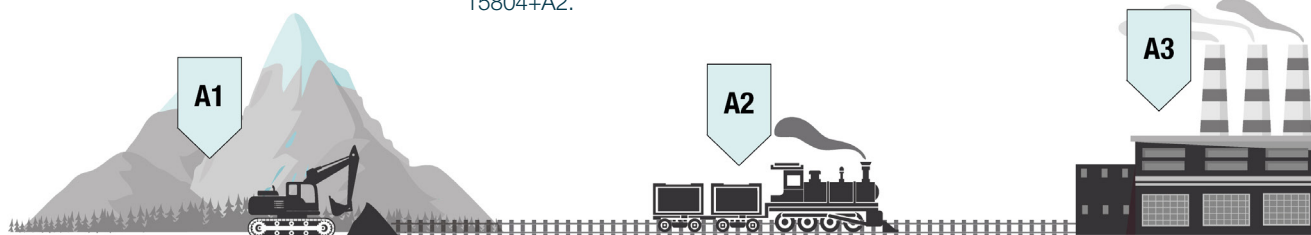
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## PRODUCT

<b>Declared Product</b>	DN675 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.960
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	126
<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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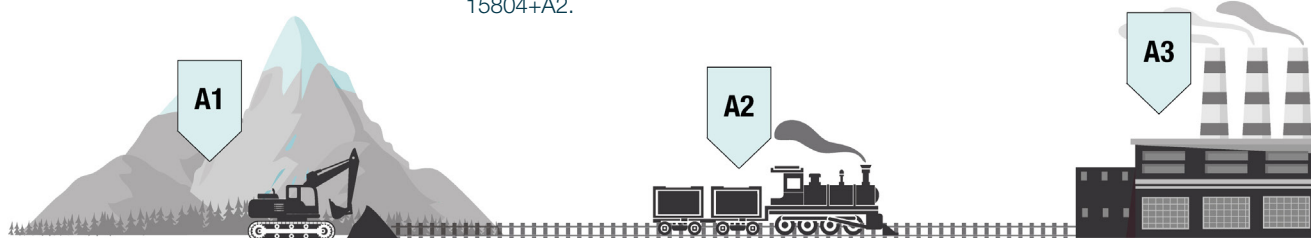
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## PRODUCT

<b>Declared Product</b>	DN750 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	1.175
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	154
<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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## PRODUCT

<b>Declared Product</b>	DN825 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.945
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	139
<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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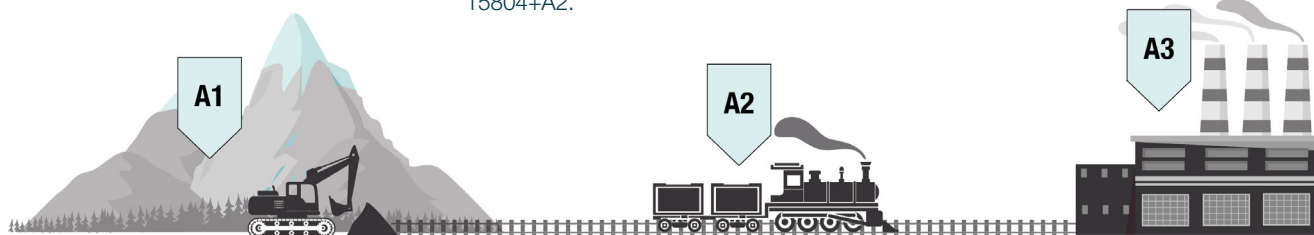
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<b>Declared Product</b>	DN900 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	1.105
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	162

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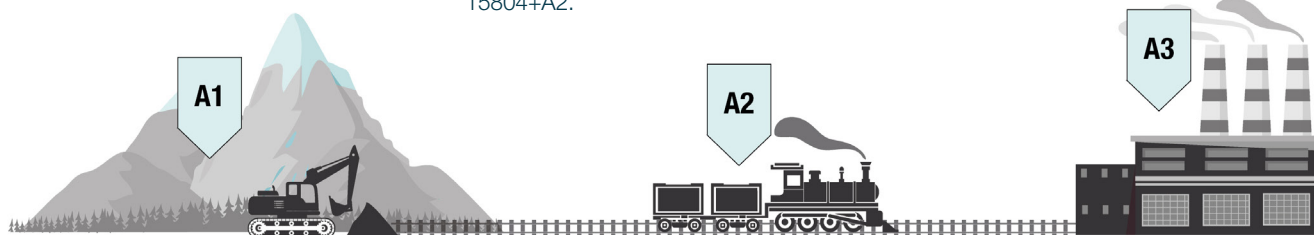
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## PRODUCT

<b>Declared Product</b>	DN1050 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	1.500
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	220
<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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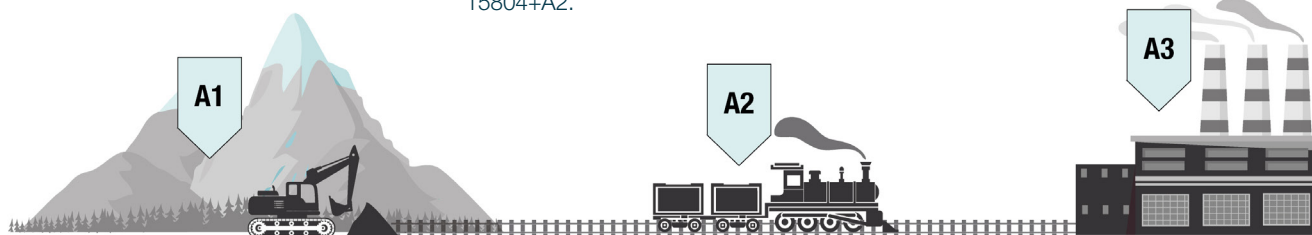
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<b>Declared Product</b>	DN1200 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	1.930
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	283

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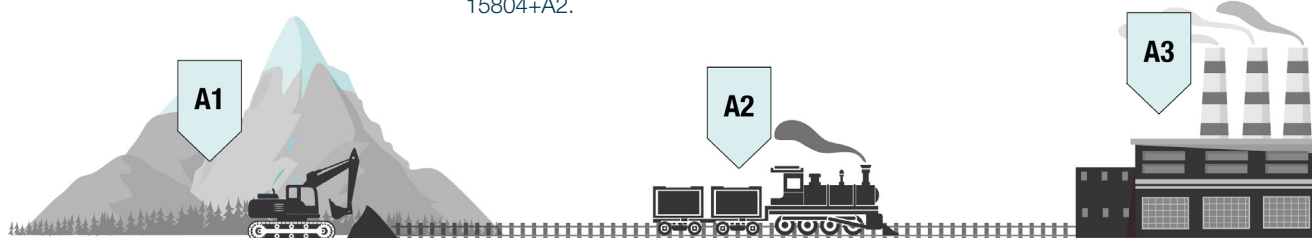
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<b>Declared Product</b>	DN1350 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	2.435
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	358

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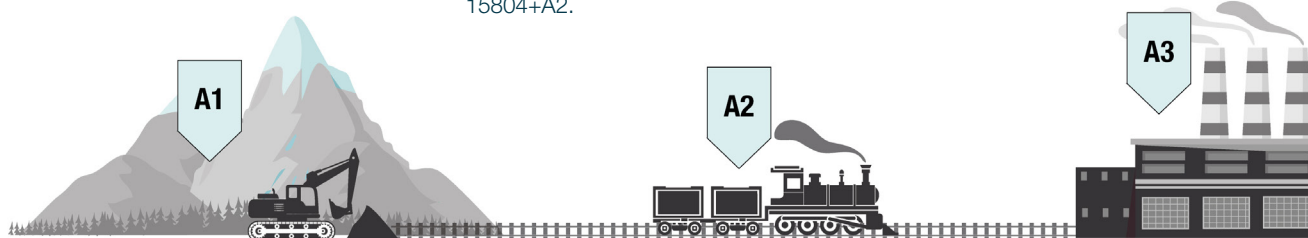
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## SYSTEM BOUNDARY

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

One  
Click



## MANUFACTURER

Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2023

## PRODUCT

Declared Product	DN1500 Socket Butt Pipe
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	3.100
GWP, A1-A3 (Kg CO <sub>2</sub> e)	455
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

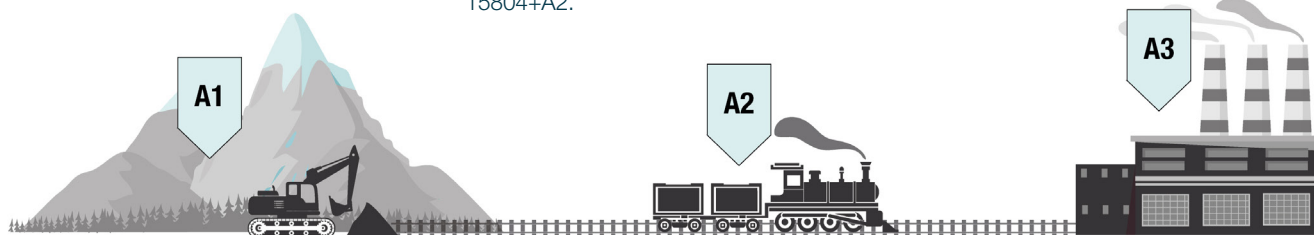
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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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# 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 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	4.300
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	632

### 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

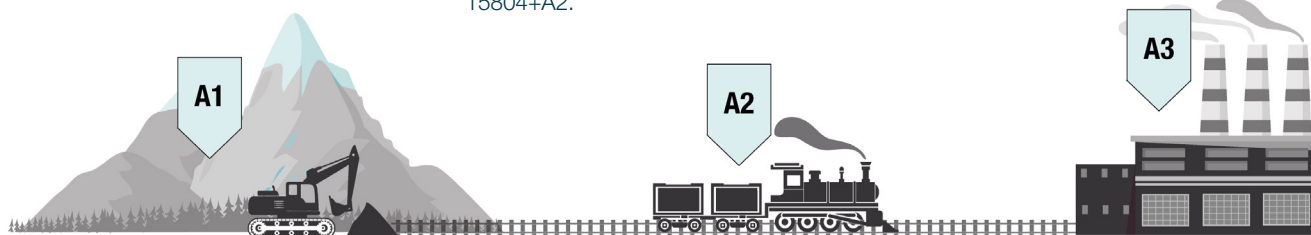
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## SYSTEM BOUNDARY

Product Stage			Construction		Use Stage							End of life stage				Beyond the system boundary		
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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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# 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>	DN2100 Socket Butt Pipe
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	5.400
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	793

### Description

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OUR SUSTAINABILITY BOOKLET

**MARK MCCANN**  
Director/Chief Engineer

## GWP

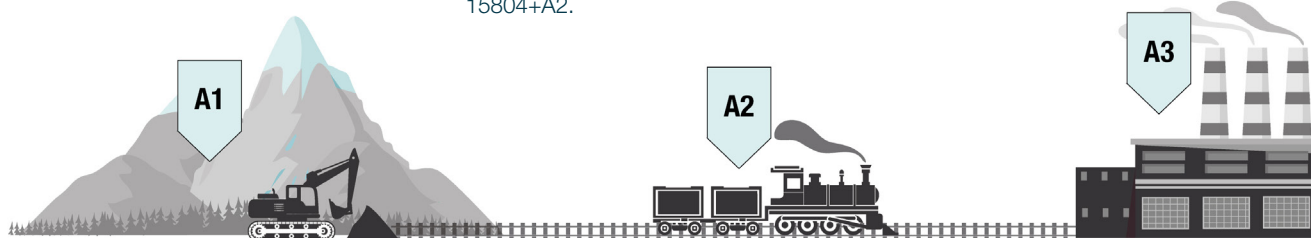
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## SCOPE OF ASSESSMENT

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## SYSTEM BOUNDARY

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