

# 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>	DN900 250H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.130
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	17
<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>	DN900 500H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.260
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	34
<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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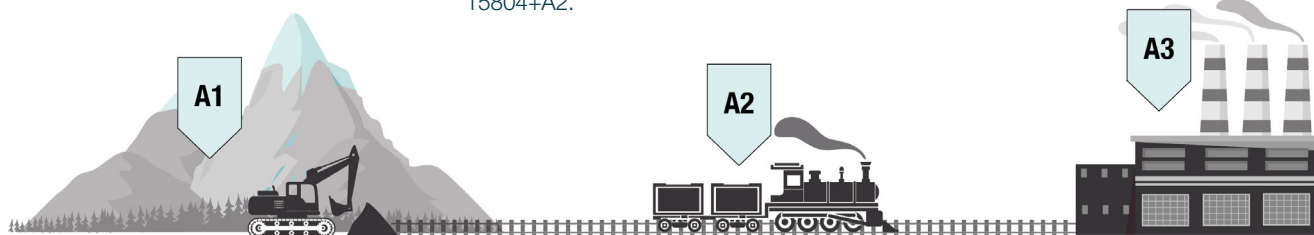
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Raw Materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

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<b>Period of Data</b>	2023

## PRODUCT

<b>Declared Product</b>	DN900 750H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.390
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	51
<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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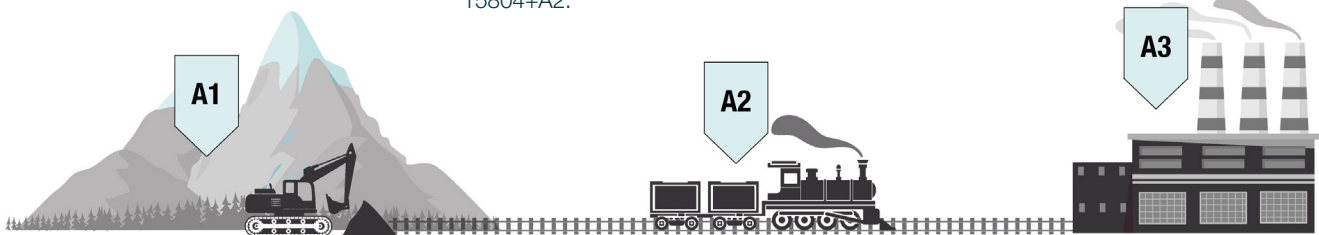
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## PRODUCT

<b>Declared Product</b>	DN900 1000H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.520
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	68
<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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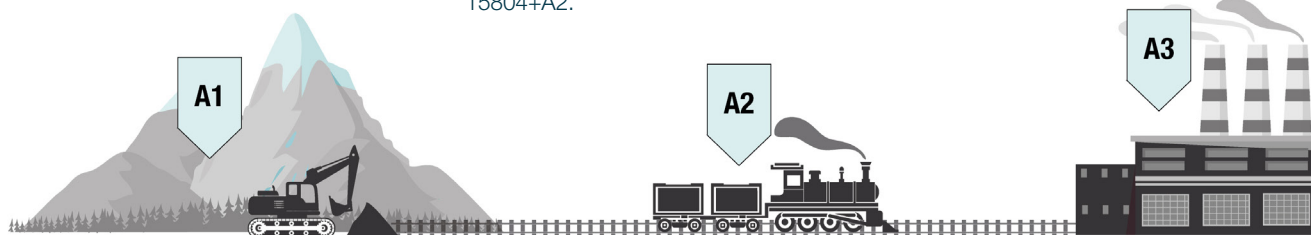
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X	X	X						Modules Not Declared										
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## PRODUCT

<b>Declared Product</b>	DN1050 250H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.173
<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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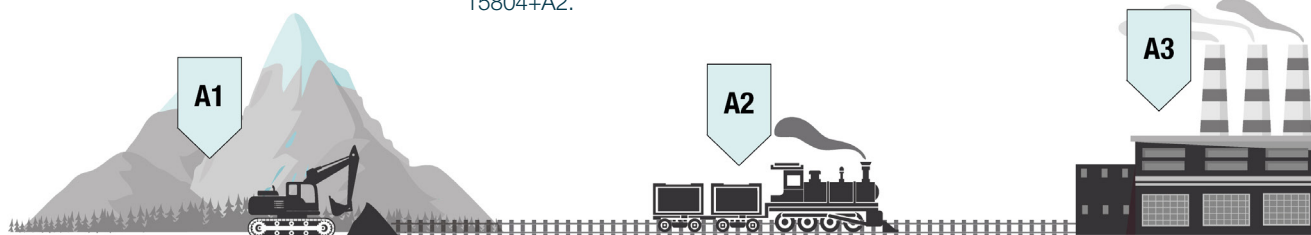
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X	X	X						Modules Not Declared										
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## PRODUCT

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<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.345
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	45
<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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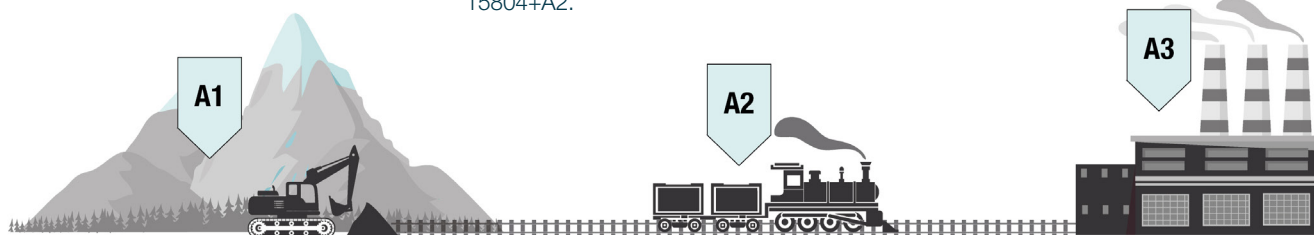
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X	X	X						Modules Not Declared										
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<b>Period of Data</b>	2023

## PRODUCT

<b>Declared Product</b>	DN1050 750H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.518
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	68
<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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X	X	X						Modules Not Declared										
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<b>Period of Data</b>	2023

## PRODUCT

<b>Declared Product</b>	DN1050 1000H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.690
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	91

### Description

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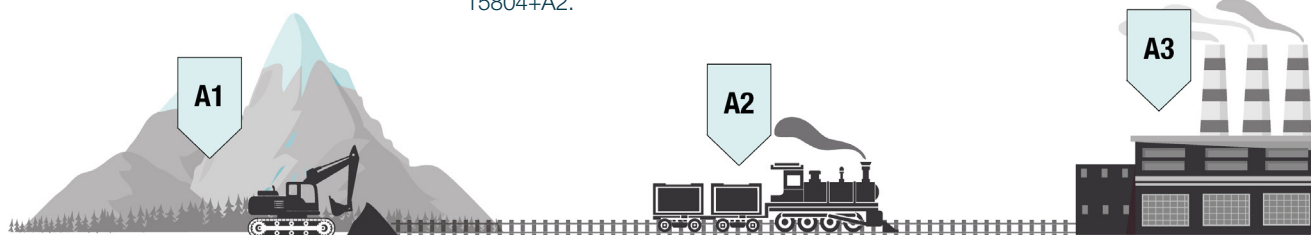
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<b>Period of Data</b>	2023

## PRODUCT

<b>Declared Product</b>	DN1200 250H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.220
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	29
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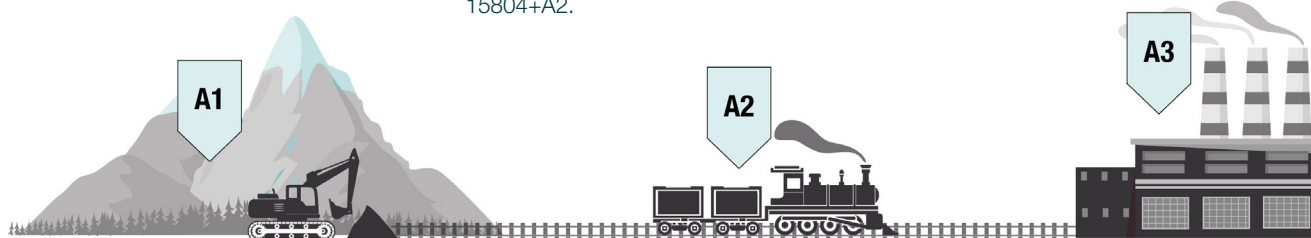
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## PRODUCT

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<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.440
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	58
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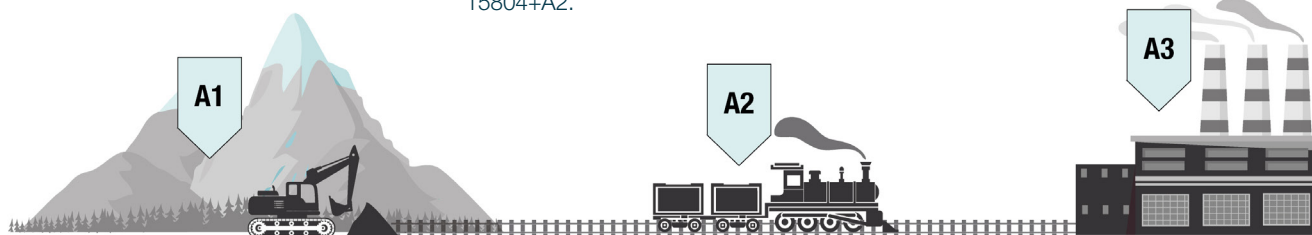
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<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.660
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	94
<b>Description</b>	Concrete is specified in accordance with BS 8500 and BS EN 206. The recycled content for steel has been assumed to be 97%. Generic industry data has been used for materials, energy and transport.



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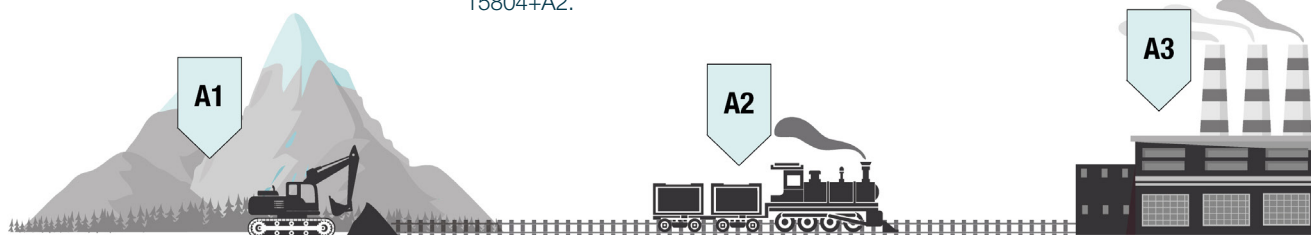
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<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.880
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	125
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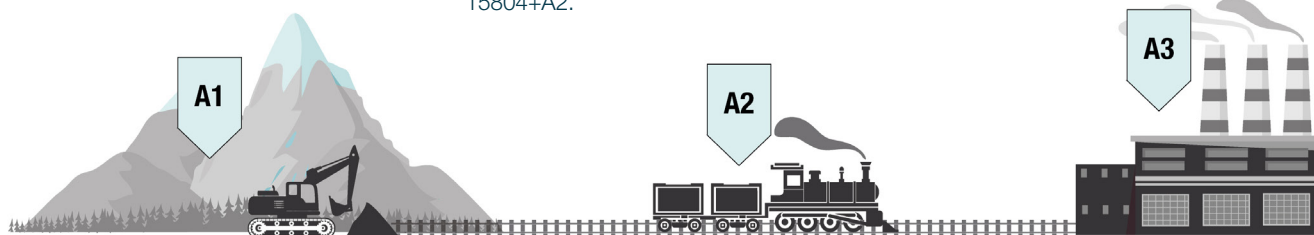
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## SYSTEM BOUNDARY

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

Generated with One Click LCA. This is a self-declared Environmental Product Declaration (EPD).  
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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>	DN1350 500H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.525
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	69
<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

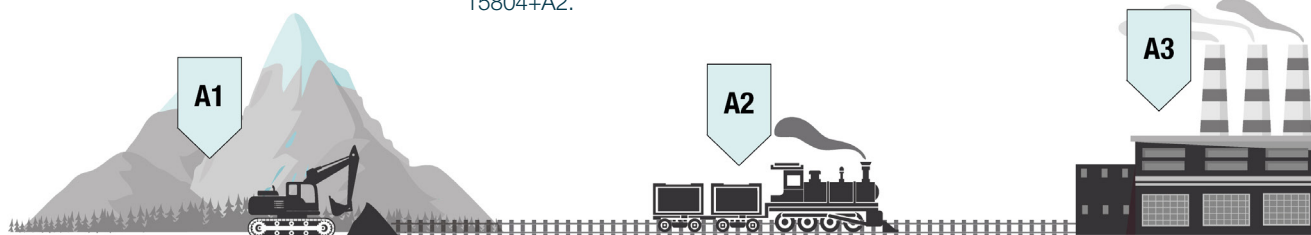
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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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# 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>	DN1350 750H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.788
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	103
<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

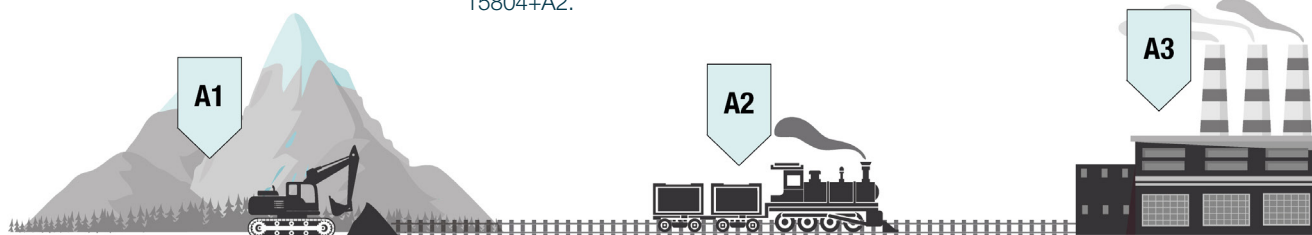
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## STANDARDS

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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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# 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>	DN1350 1000H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	1.050
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	138
<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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## 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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# 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 500H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.650
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	85
<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

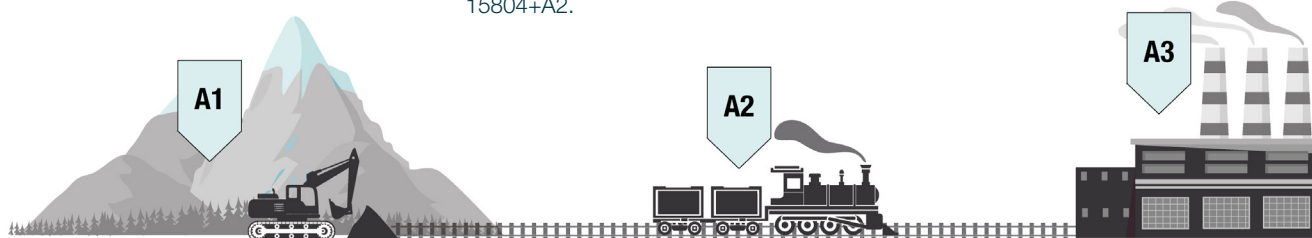
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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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# 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 750H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.975
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	128
<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

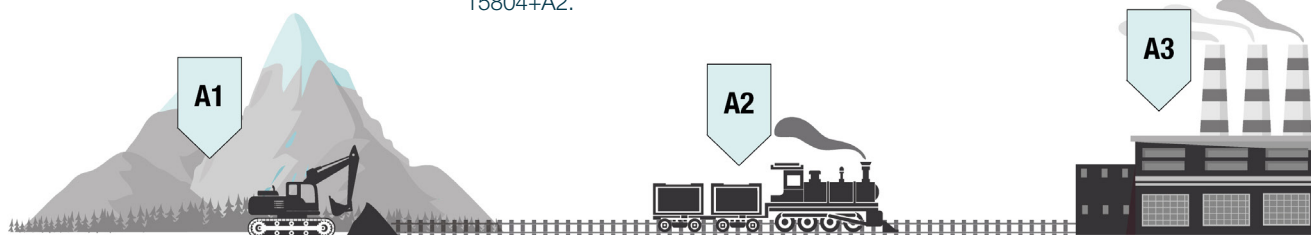
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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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# 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>	DN1500 1000H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	1.300
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	184
<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

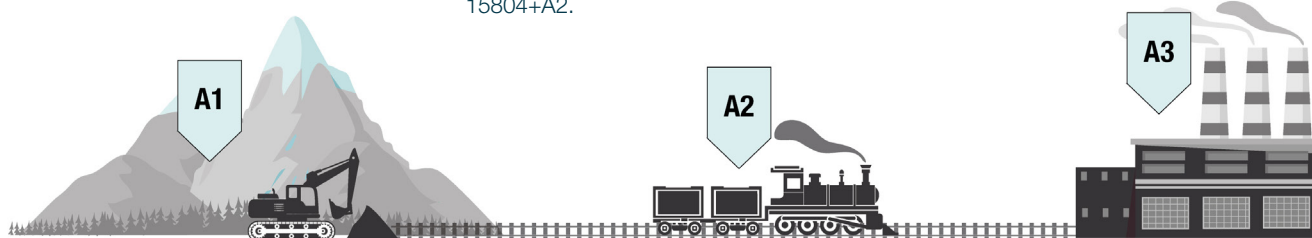
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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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# 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 500H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	0.875
<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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**MARK MCCANN**  
Director/Chief Engineer

## GWP

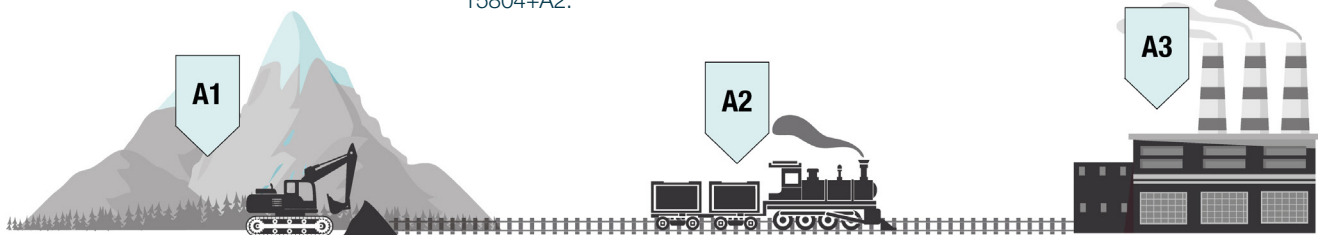
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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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# 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 750H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	1.313
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	189
<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

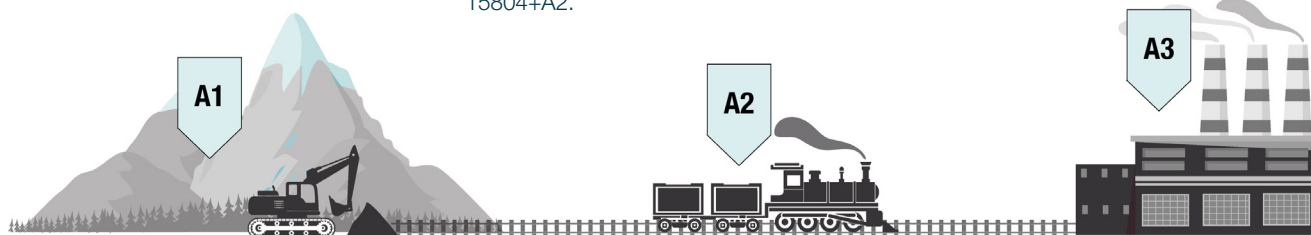
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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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# ENVIRONMENTAL PRODUCT DECLARATION



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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>	DN1800 1000H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	1.750
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	253
<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

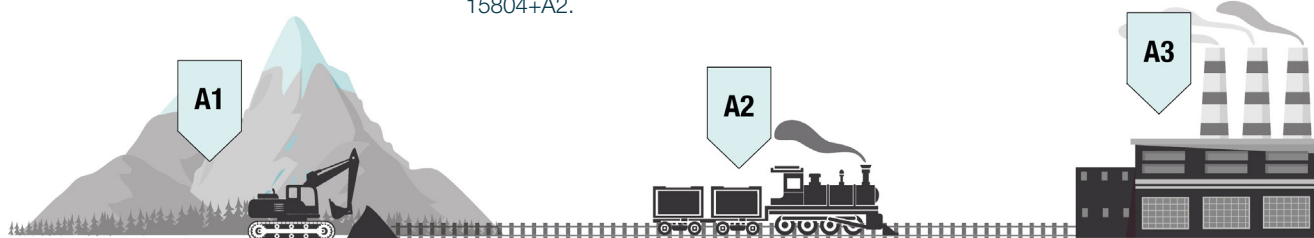
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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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# ENVIRONMENTAL PRODUCT DECLARATION



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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 500H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	1.020
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	147
<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

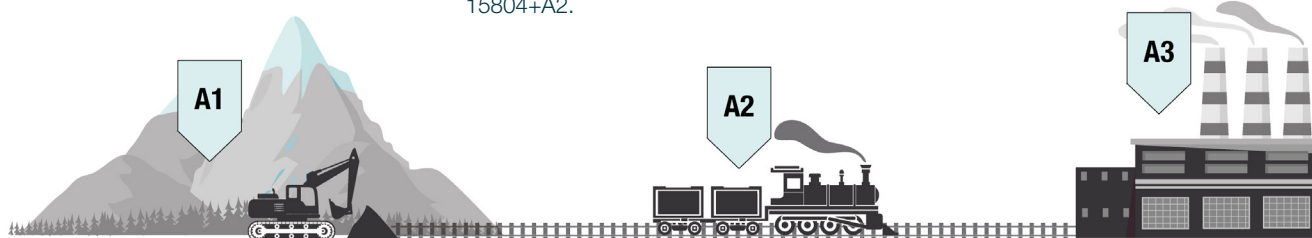
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## STANDARDS

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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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# ENVIRONMENTAL PRODUCT DECLARATION



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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 750H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	1.530
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	221
<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

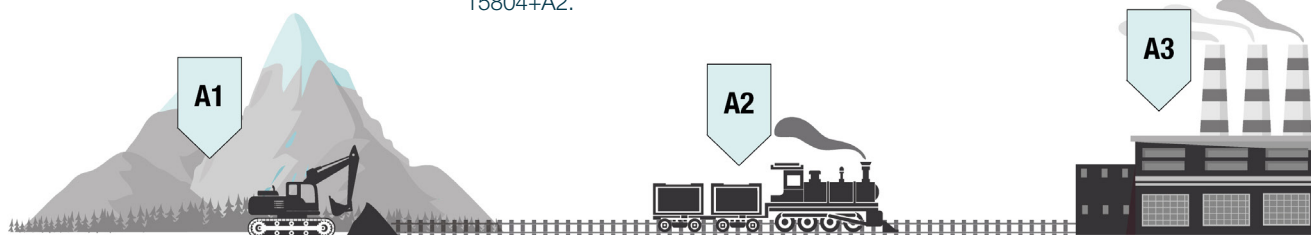
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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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<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 1000H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	2.040
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	294
<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

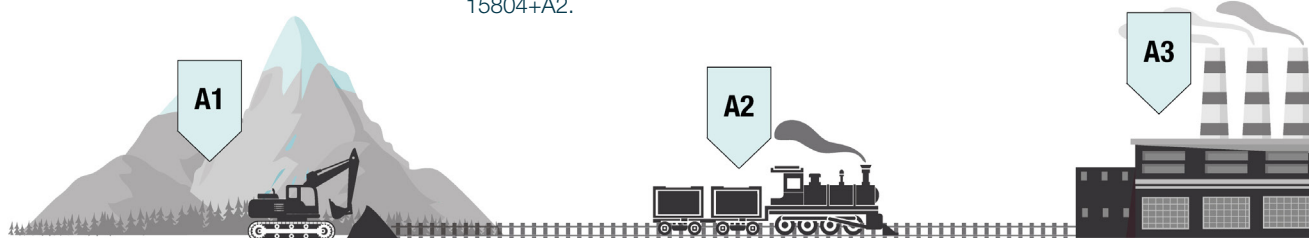
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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

Generated with One Click LCA. This is a self-declared Environmental Product Declaration (EPD).  
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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	DN2400 500H Manhole chamber
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T per metre)	1.395
GWP, A1-A3 (Kg CO <sub>2</sub> e)	201
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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OUR SUSTAINABILITY BOOKLET

**MARK MCCANN**  
Director/Chief Engineer

## GWP

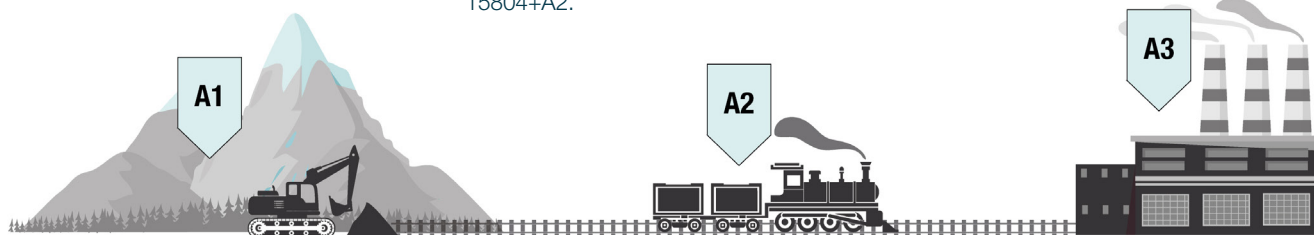
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## STANDARDS

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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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# 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>	DN2400 750H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	2.093
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	302
<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

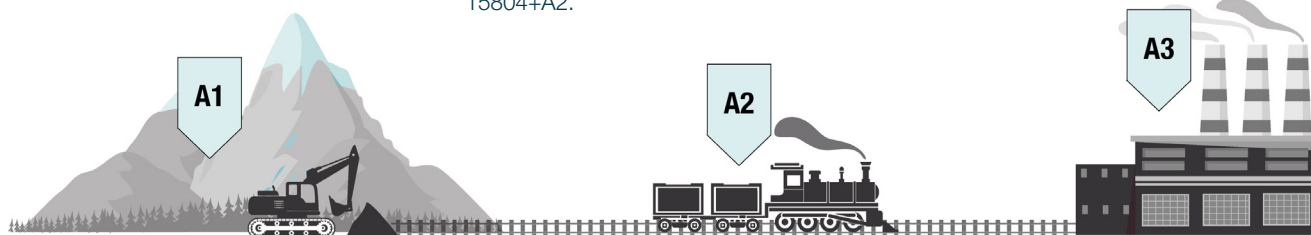
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## STANDARDS

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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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# 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>	DN2400 1000H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	2.790
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	403
<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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# 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	DN2700 500H Manhole chamber
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T per metre)	1.700
GWP, A1-A3 (Kg CO <sub>2</sub> e)	245
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

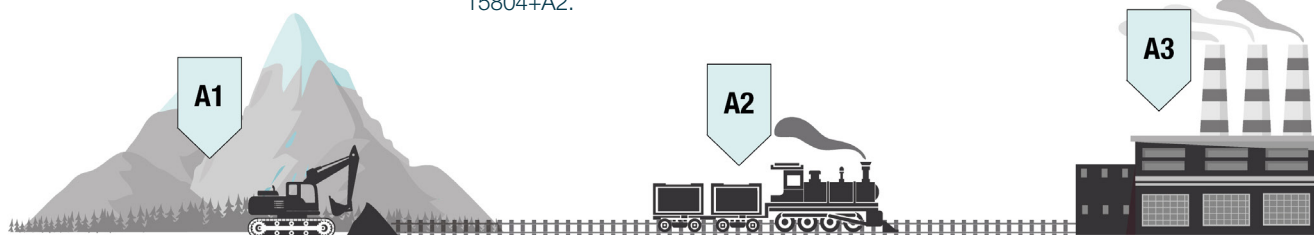
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## STANDARDS

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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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# 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>	DN2700 750H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	2.550
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	368
<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

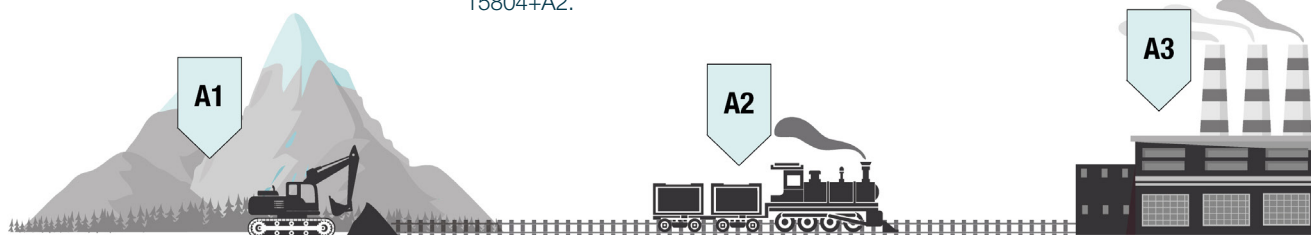
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## STANDARDS

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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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# 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>	DN2700 1000H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	3.400
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	491
<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

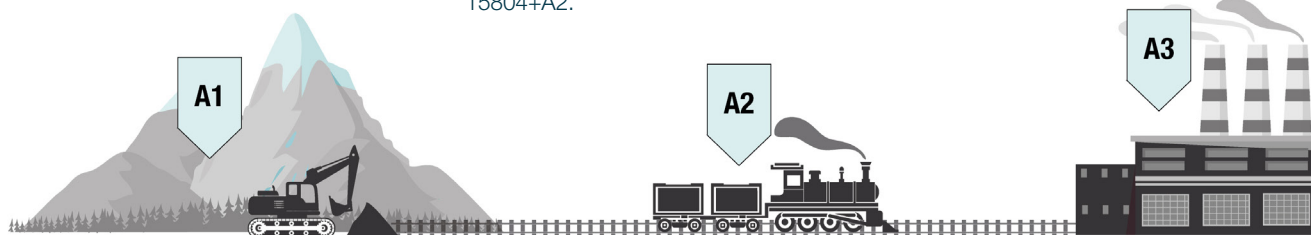
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## STANDARDS

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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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# 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>	DN3000 500H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	2.350
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	339
<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

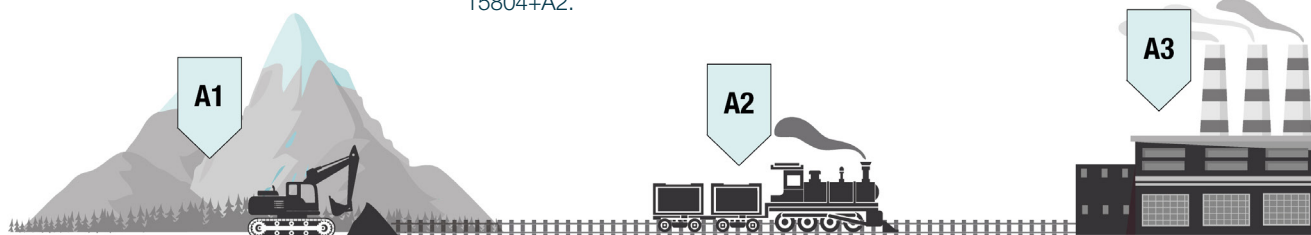
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## STANDARDS

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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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# 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>	DN3000 750H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	3.525
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	509

### 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

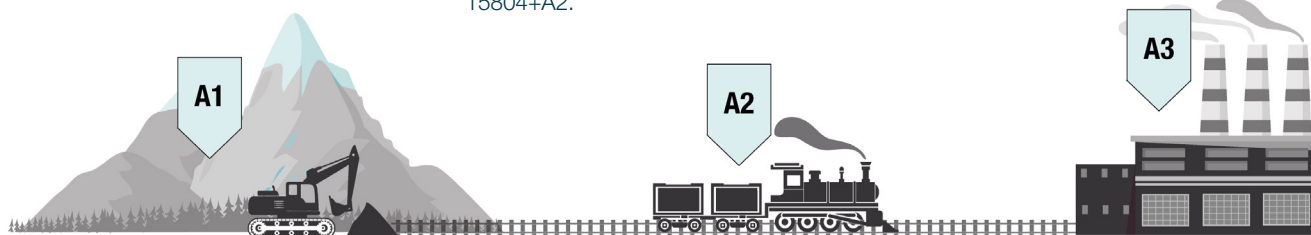
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## STANDARDS

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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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# 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>	DN3000 1000H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	4.700
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	678
<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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## 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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# 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>	DN3600 500H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	2.700
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	390
<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

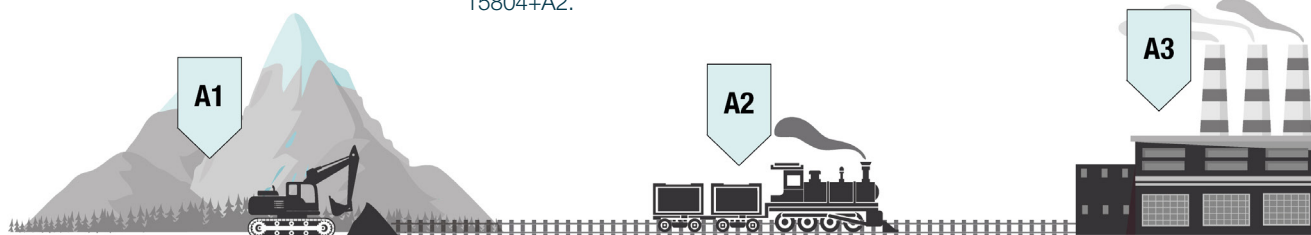
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## STANDARDS

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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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# 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>	DN3600 750H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	4.050
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	584
<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

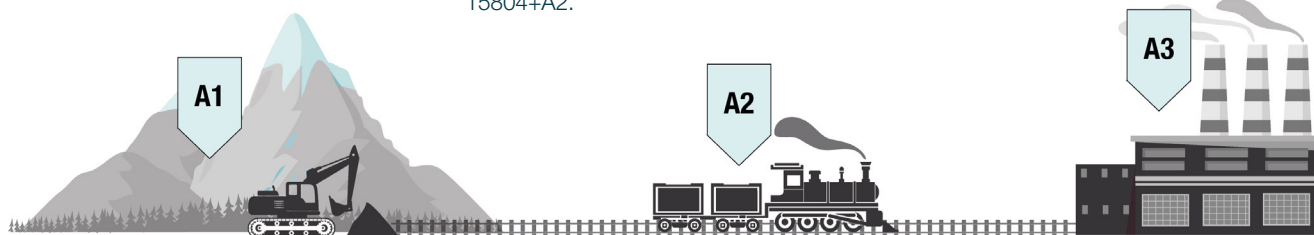
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## STANDARDS

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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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# 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>	DN3600 1000H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	5.400
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	779
<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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OUR SUSTAINABILITY BOOKLET

**MARK MCCANN**  
Director/Chief Engineer

## GWP

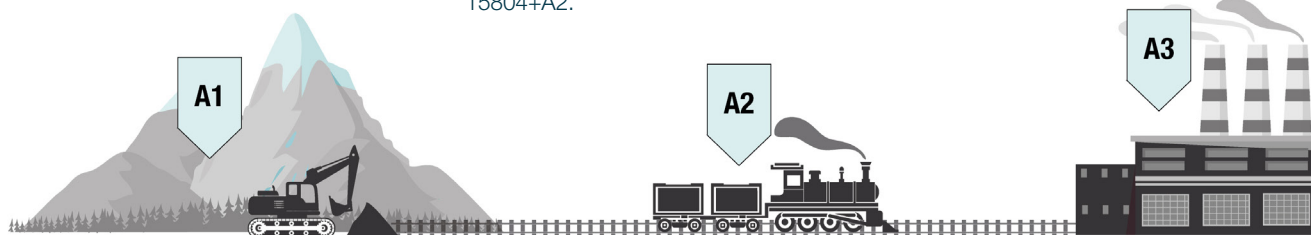
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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

Generated with One Click LCA. This is a self-declared Environmental Product Declaration (EPD).  
If you require EPDs, visit the world's fastest Building Life Cycle Assessment software - One Click LCA.

# 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>	DN4000 750H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	5.400
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	779
<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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## GWP

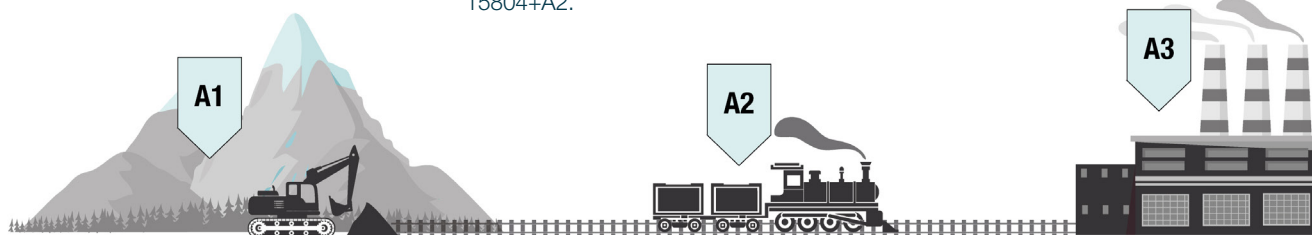
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X	X	X						Modules Not Declared										
Raw Materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

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

## PRODUCT

<b>Declared Product</b>	DN4000 1000H Manhole chamber
<b>Product Range</b>	Drainage
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T per metre)</b>	7.200
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	1039
<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

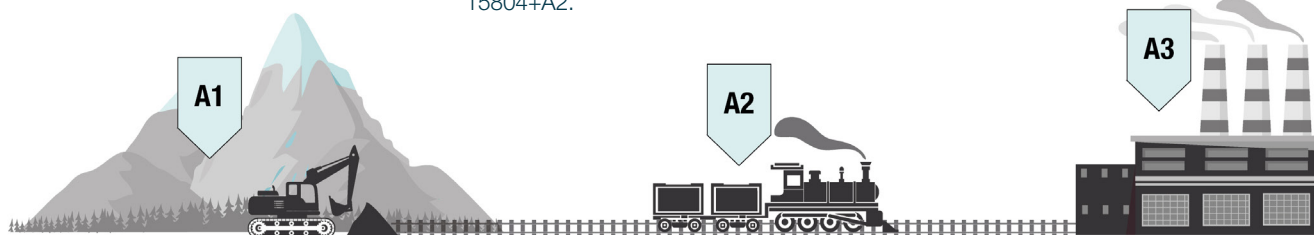
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