

ENVIRONMENTAL PRODUCT DECLARATION



MANUFACTURER

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

PRODUCT

Declared Product	Headwall Small 100
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	1.100
GWP, A1-A3 (Kg CO₂e)	225

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

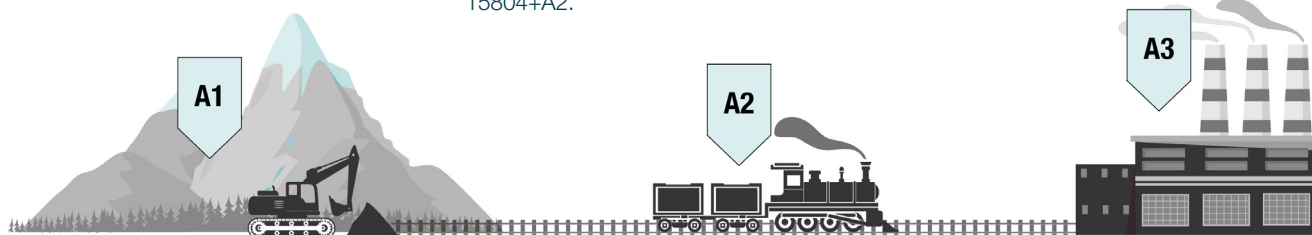
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STANDARDS

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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Period of Data	2023

PRODUCT

Declared Product	Headwall Small 150
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	1.390
GWP, A1-A3 (Kg CO₂e)	284
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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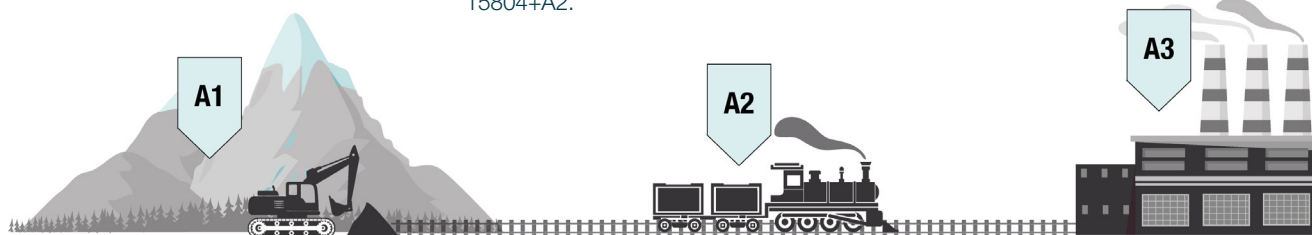
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Period of Data	2023

PRODUCT

Declared Product	Headwall Medium 100
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	1.540
GWP, A1-A3 (Kg CO₂e)	315

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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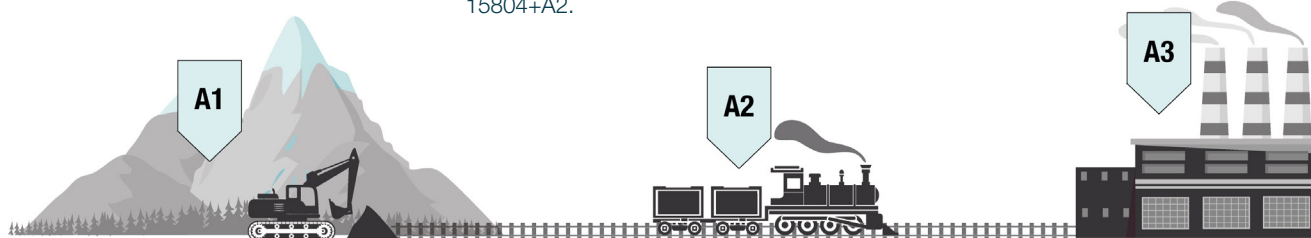
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Period of Data	2023

PRODUCT

Declared Product	Headwall Medium 150
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	2.020
GWP, A1-A3 (Kg CO₂e)	413
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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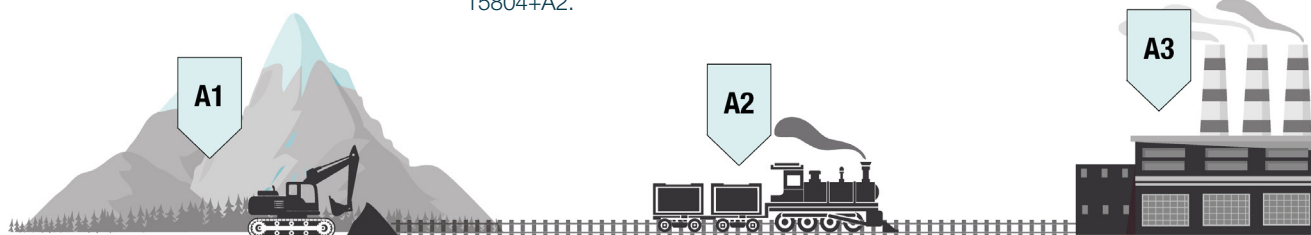
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Period of Data	2023

PRODUCT

Declared Product	Headwall Large 100
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	3.020
GWP, A1-A3 (Kg CO₂e)	617

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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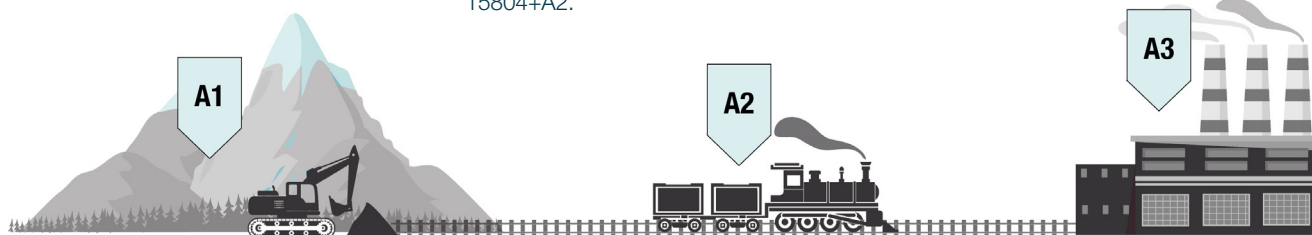
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PRODUCT

Declared Product	Headwall Large 200
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	4.740
GWP, A1-A3 (Kg CO₂e)	969

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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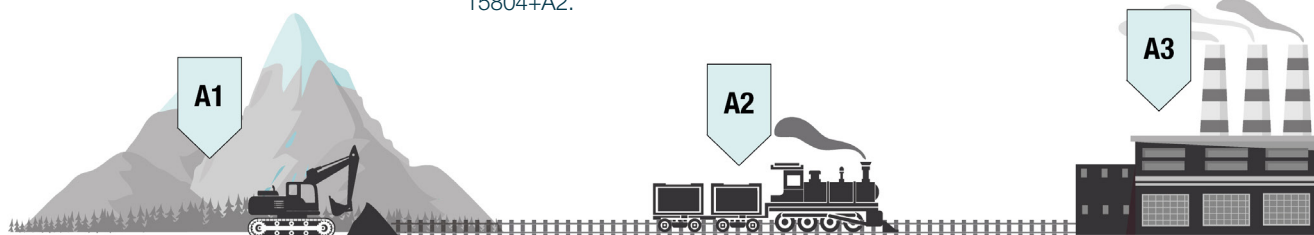
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PRODUCT

Declared Product	Headwall XL-T1
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	4.725
GWP, A1-A3 (Kg CO₂e)	1931

Description

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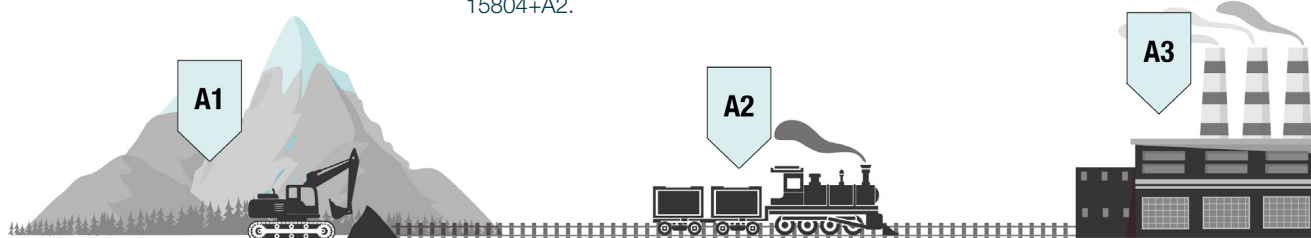
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PRODUCT

Declared Product	Headwall XL-T2
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	4.095
GWP, A1-A3 (Kg CO₂e)	1674

Description

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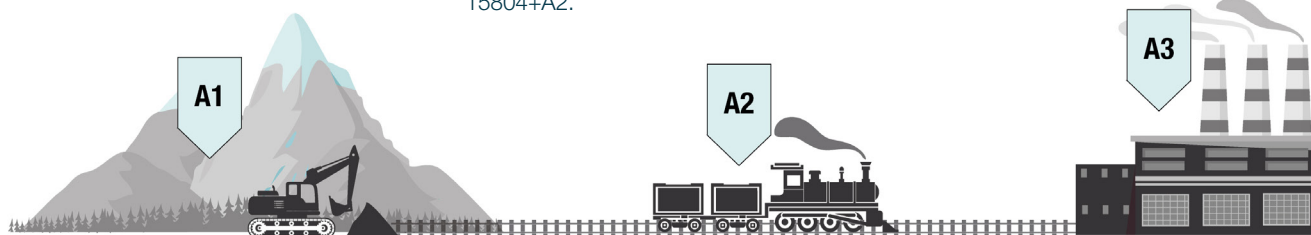
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PRODUCT

Declared Product	Headwall XL-T3
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	3.465
GWP, A1-A3 (Kg CO₂e)	1416

Description

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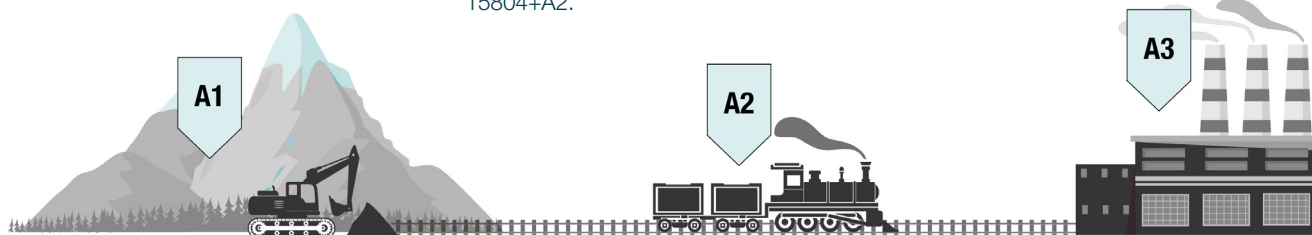
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PRODUCT

Declared Product	Headwall XL-T4
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	2.646
GWP, A1-A3 (Kg CO₂e)	1082
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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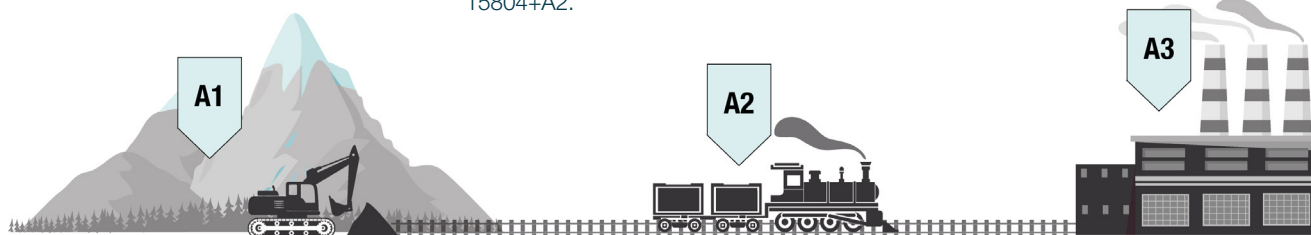
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PRODUCT

Declared Product	Headwall XXL-T1
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	10.150
GWP, A1-A3 (Kg CO₂e)	4149
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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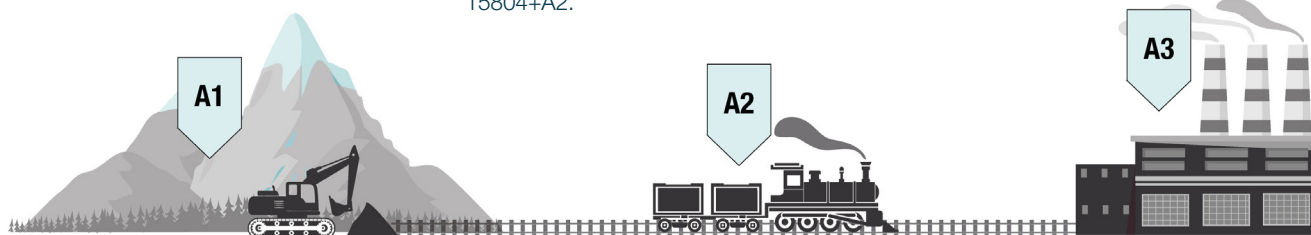
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Period of Data	2023

PRODUCT

Declared Product	Headwall XXL-T2
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	9.205
GWP, A1-A3 (Kg CO₂e)	3763
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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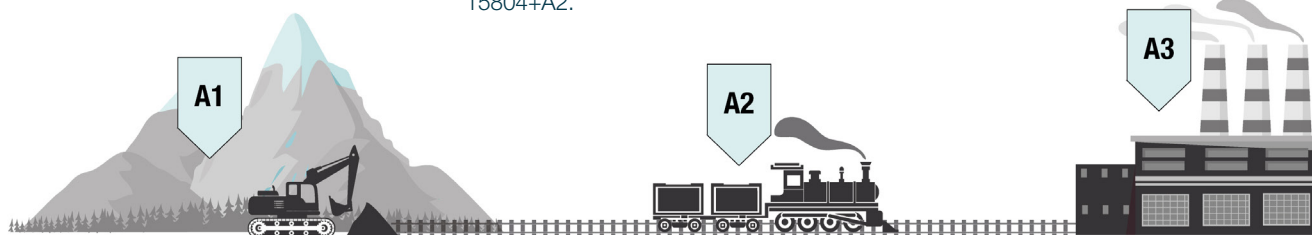
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PRODUCT

Declared Product	Headwall XXL-T3
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	8.421
GWP, A1-A3 (Kg CO₂e)	3442

Description

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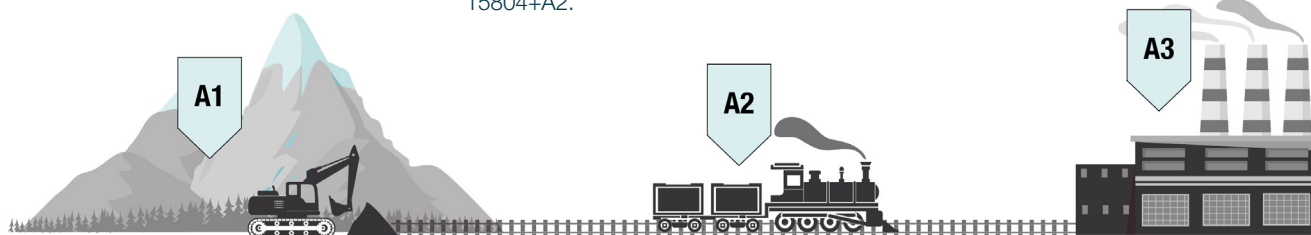
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Raw Materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

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ENVIRONMENTAL PRODUCT DECLARATION



MANUFACTURER

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

PRODUCT

Declared Product	Headwall XXL-T4
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	6.915
GWP, A1-A3 (Kg CO₂e)	2827
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

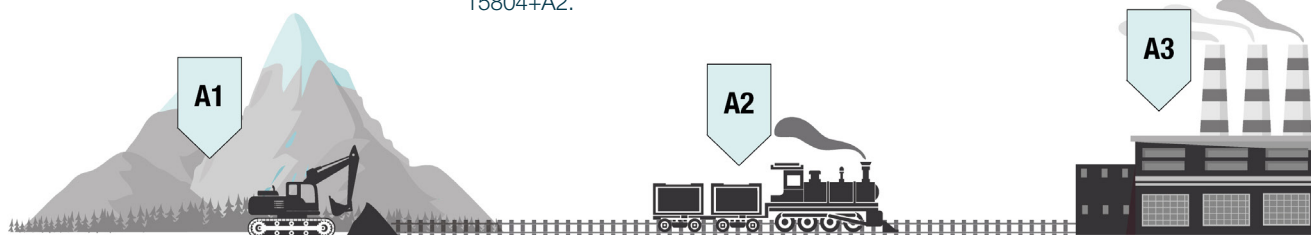
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

STANDARDS

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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