

ENVIRONMENTAL PRODUCT DECLARATION



MANUFACTURER

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

PRODUCT

Declared Product	Intermediate Universal Post 1525
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0357
GWP, A1-A3 (Kg CO₂e)	7
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

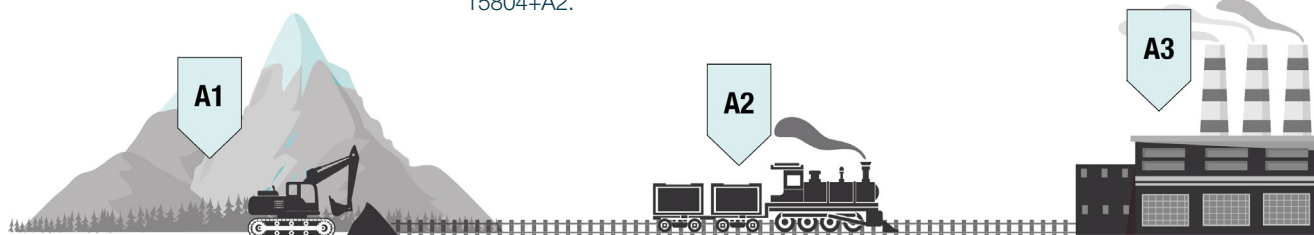
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

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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MANUFACTURER

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

PRODUCT

Declared Product	Intermediate Universal Post 1830
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0433
GWP, A1-A3 (Kg CO₂e)	8
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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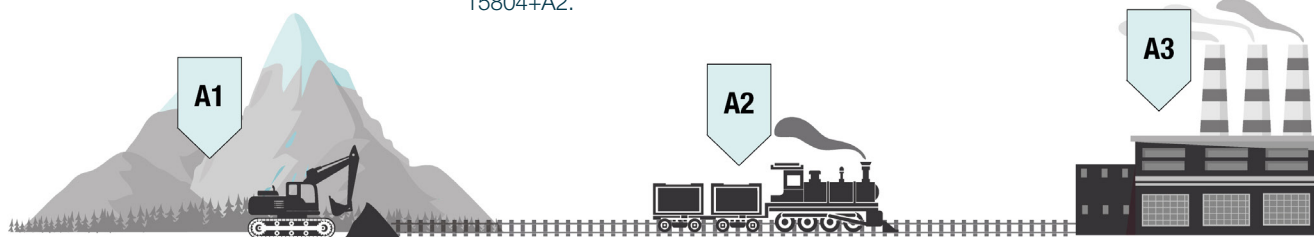
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SCOPE OF ASSESSMENT

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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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MANUFACTURER

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

PRODUCT

Declared Product	Intermediate Universal Post 2135
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0504
GWP, A1-A3 (Kg CO₂e)	9
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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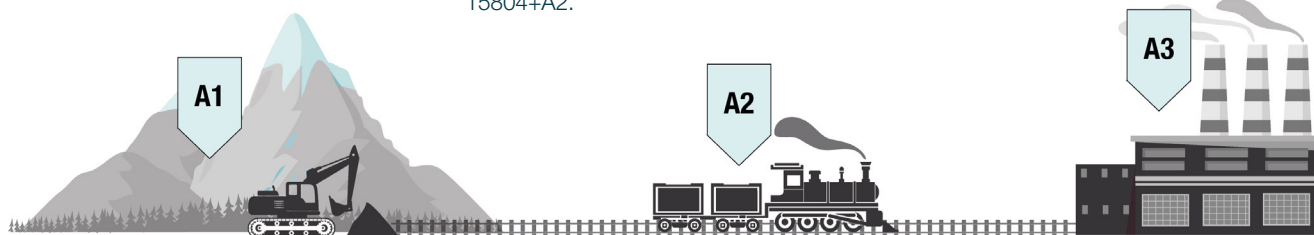
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SYSTEM BOUNDARY

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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MANUFACTURER

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

PRODUCT

Declared Product	Intermediate Universal Post 2440
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0593
GWP, A1-A3 (Kg CO₂e)	11
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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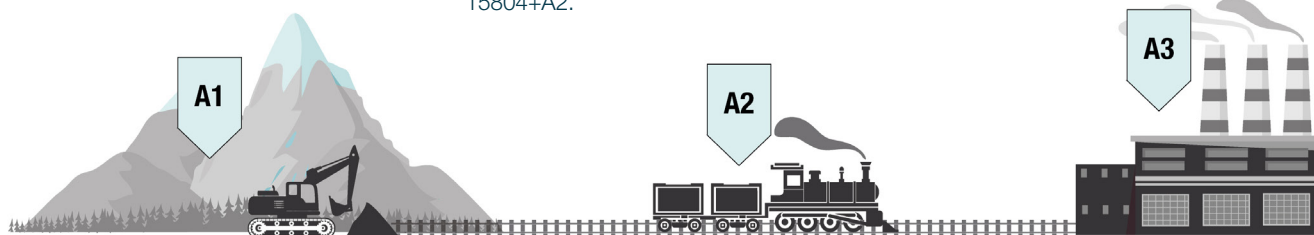
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SYSTEM BOUNDARY

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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MANUFACTURER

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

PRODUCT

Declared Product	Intermediate Universal Post 2745
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.063
GWP, A1-A3 (Kg CO₂e)	12
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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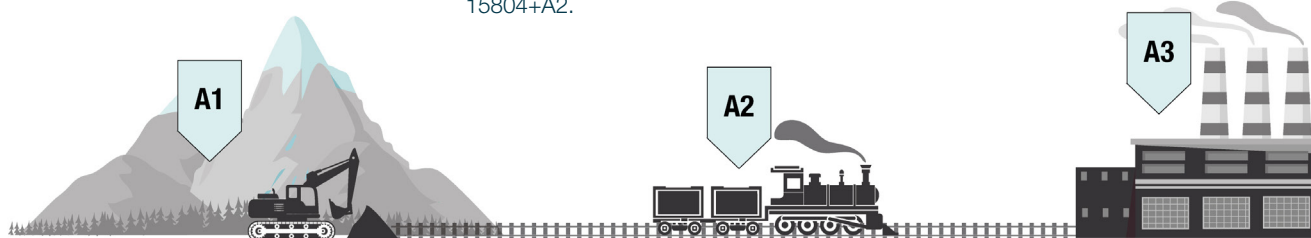
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SYSTEM BOUNDARY

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

PRODUCT

Declared Product	Repair Spurs 3x3 990
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0134
GWP, A1-A3 (Kg CO₂e)	3
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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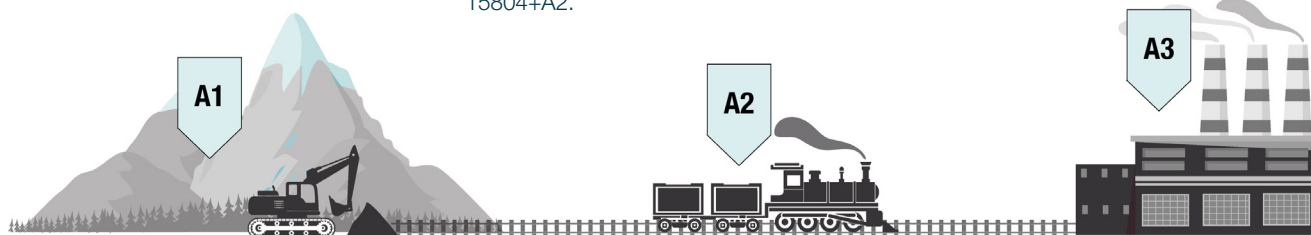
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Product Stage			Construction		Use Stage							End of life stage				Beyond the system boundary		
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D	D	D
X	X	X						Modules Not Declared										
Raw Materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

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Website	fpmccann.co.uk
Period of Data	2023

PRODUCT

Declared Product	Repair Spurs 3x3 1070
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0144
GWP, A1-A3 (Kg CO₂e)	3
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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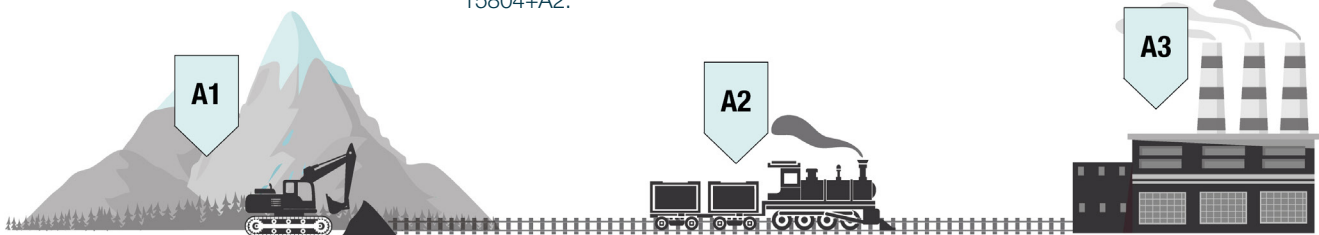
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SYSTEM BOUNDARY

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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Website	fpmccann.co.uk
Period of Data	2023

PRODUCT

Declared Product	Repair Spurs 4x3 915
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0152
GWP, A1-A3 (Kg CO₂e)	3
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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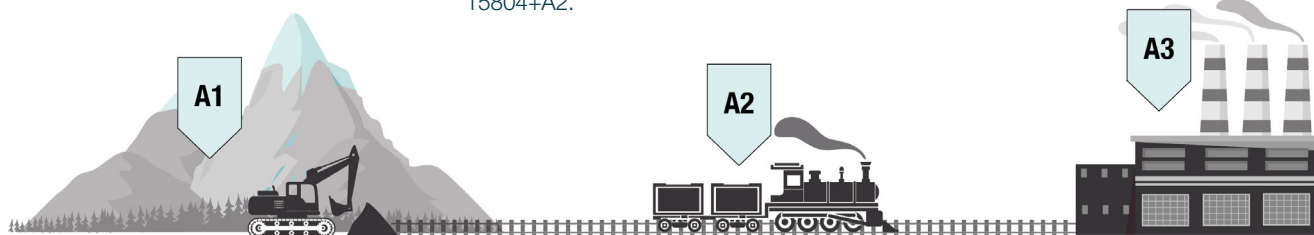
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SYSTEM BOUNDARY

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

PRODUCT

Declared Product	Repair Spurs 4x3 1070
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0175
GWP, A1-A3 (Kg CO₂e)	3
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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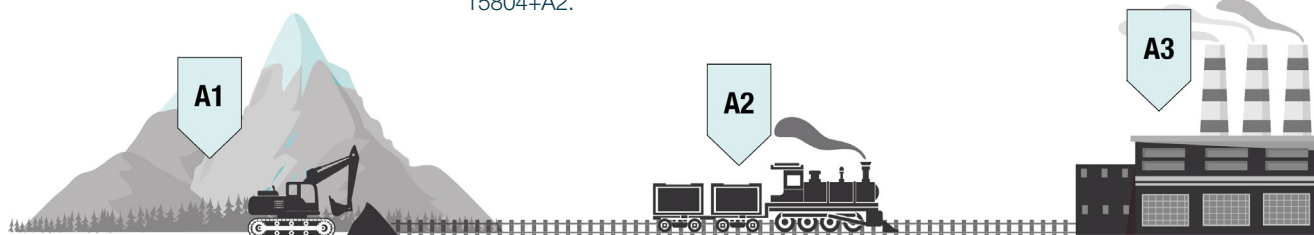
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Product Stage			Construction		Use Stage							End of life stage				Beyond the system boundary		
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D	D	D
X	X	X						Modules Not Declared										
Raw Materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

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

PRODUCT

Declared Product	Repair Spurs 4x3 1220
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0201
GWP, A1-A3 (Kg CO₂e)	4
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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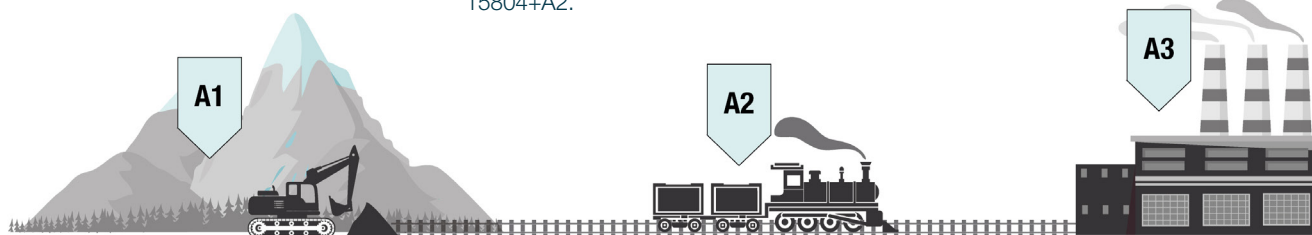
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Product Stage			Construction		Use Stage							End of life stage				Beyond the system boundary		
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D	D	D
X	X	X						Modules Not Declared										
Raw Materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

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Website	fpmccann.co.uk
Period of Data	2023

PRODUCT

Declared Product	Repair Spurs 4x3 1370
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0226
GWP, A1-A3 (Kg CO₂e)	4
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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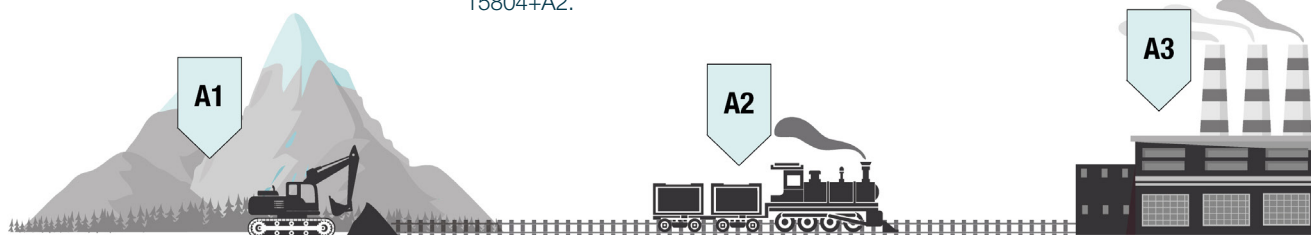
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SYSTEM BOUNDARY

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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Website	fpmccann.co.uk
Period of Data	2023

PRODUCT

Declared Product	Repair Spurs 4x4 915
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0198
GWP, A1-A3 (Kg CO₂e)	4
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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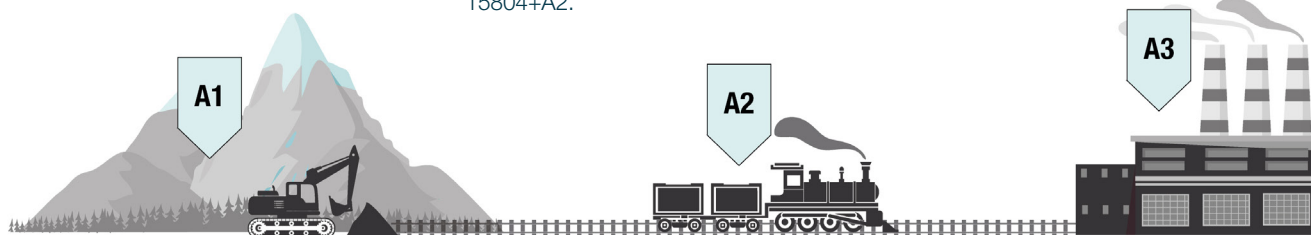
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A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D	D	D
X	X	X						Modules Not Declared										
Raw Materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

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Period of Data	2023

PRODUCT

Declared Product	Repair Spurs 4x4 1070
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0228
GWP, A1-A3 (Kg CO₂e)	5
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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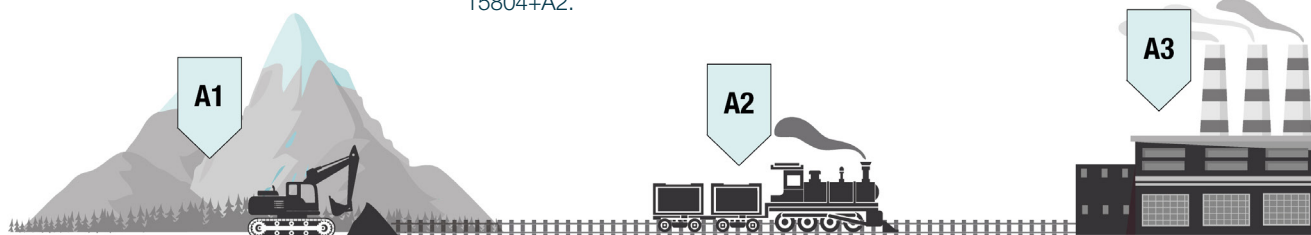
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SYSTEM BOUNDARY

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

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

PRODUCT

Declared Product	Repair Spurs 4x4 1220
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.026
GWP, A1-A3 (Kg CO₂e)	5
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.



SCAN THE QR CODE TO VIEW
OUR SUSTAINABILITY BOOKLET

MARK MCCANN
Director/Chief Engineer

GWP

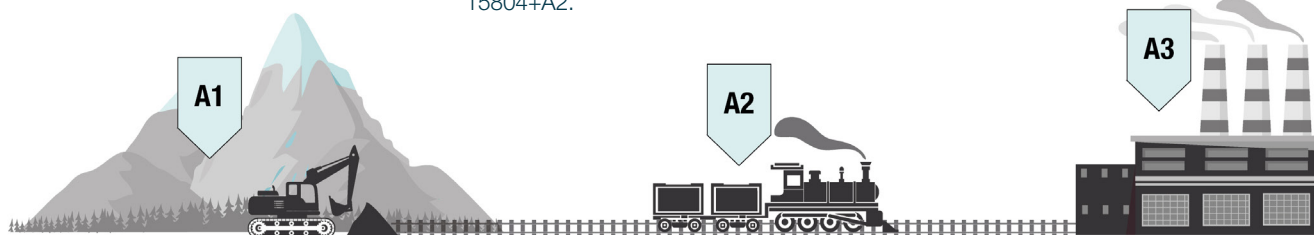
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

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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ENVIRONMENTAL PRODUCT DECLARATION



MANUFACTURER

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

PRODUCT

Declared Product	Repair Spurs 4x4 1370
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.0298
GWP, A1-A3 (Kg CO₂e)	6
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

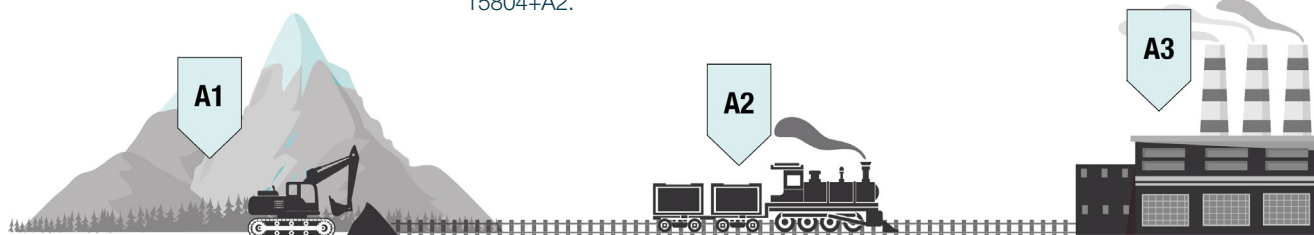
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

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

Generated with One Click LCA. This is a self-declared Environmental Product Declaration (EPD).
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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	Bollard 1370
Product Range	Fencing
Place of Production	United Kingdom
Product Mass (T)	0.091
GWP, A1-A3 (Kg CO₂e)	18
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

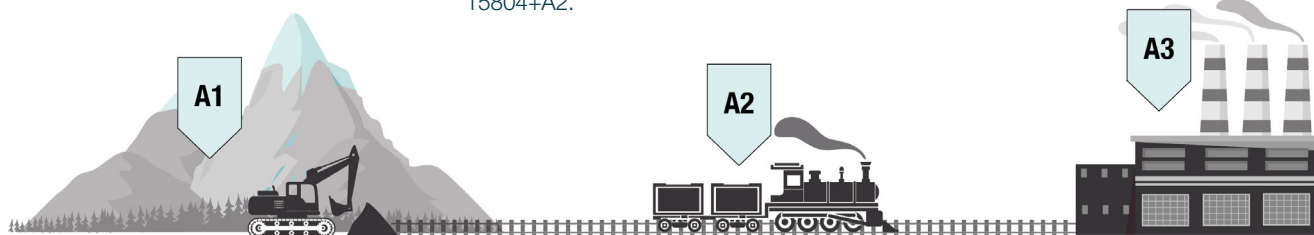
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

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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