

# 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>	2021

## PRODUCT

<b>Declared Product</b>	Intermediate Slotted Post 1525
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0285
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	6
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

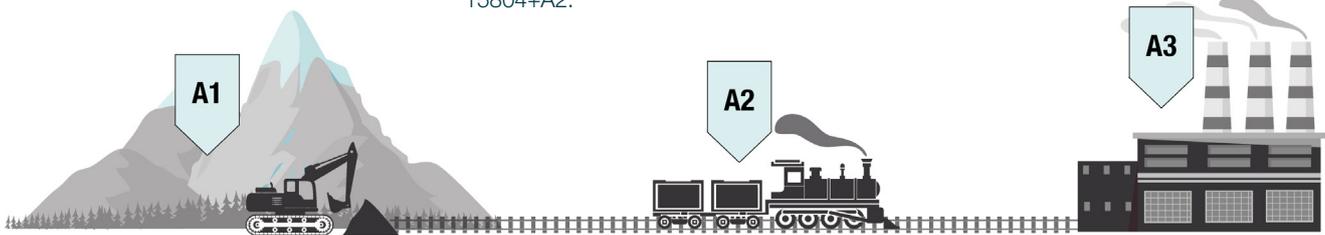
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Intermediate Slotted Post 1830
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0345
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	7
<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 90%. Generic industry data has been used for materials, energy and transport.



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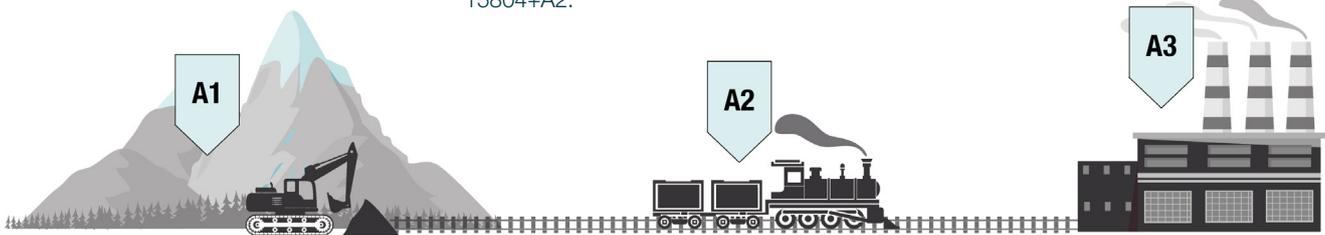
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## SYSTEM BOUNDARY

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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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<b>Period of Data</b>	2021

## PRODUCT

<b>Declared Product</b>	Intermediate Slotted Post 2135
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0393
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	8
<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 90%. Generic industry data has been used for materials, energy and transport.



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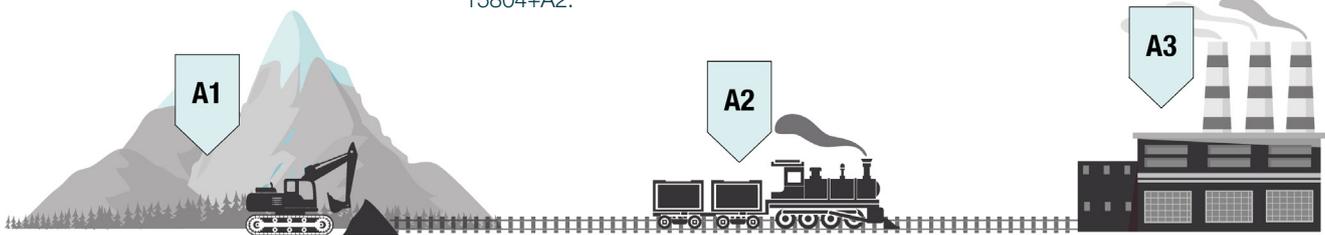
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## SYSTEM BOUNDARY

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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<b>Period of Data</b>	2021

## PRODUCT

<b>Declared Product</b>	Intermediate Slotted Post 2440
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0447
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	9
<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 90%. Generic industry data has been used for materials, energy and transport.



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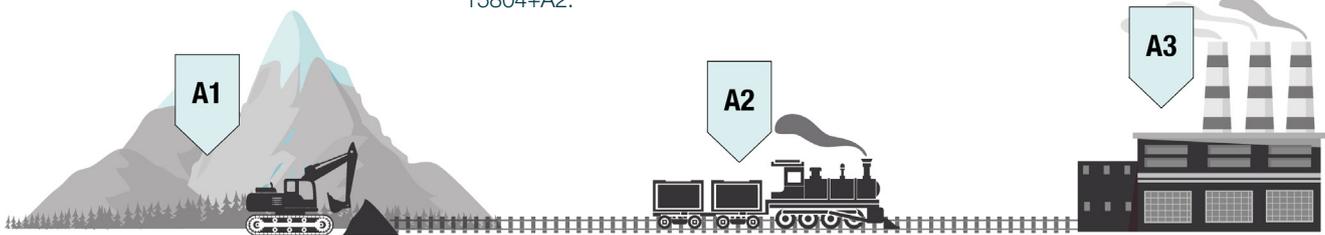
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## SCOPE OF ASSESSMENT

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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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<b>Period of Data</b>	2021

## PRODUCT

<b>Declared Product</b>	Intermediate Slotted Post 2745
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0527
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	11
<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 90%. Generic industry data has been used for materials, energy and transport.



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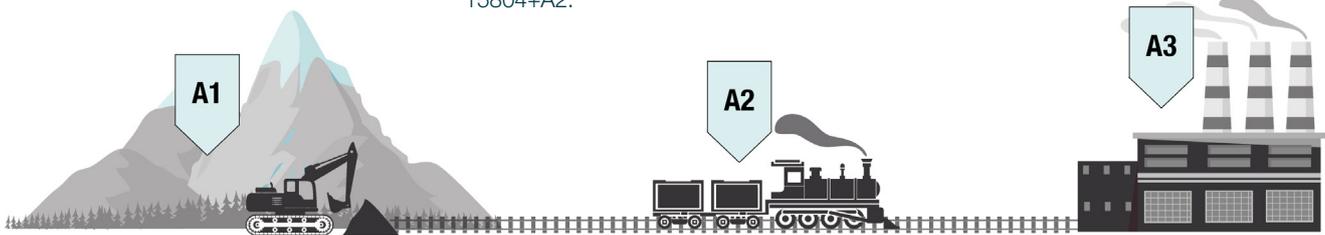
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## SYSTEM BOUNDARY

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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<b>Period of Data</b>	2021

## PRODUCT

<b>Declared Product</b>	Intermediate Slotted Post 3050
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.056
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	11
<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 90%. Generic industry data has been used for materials, energy and transport.



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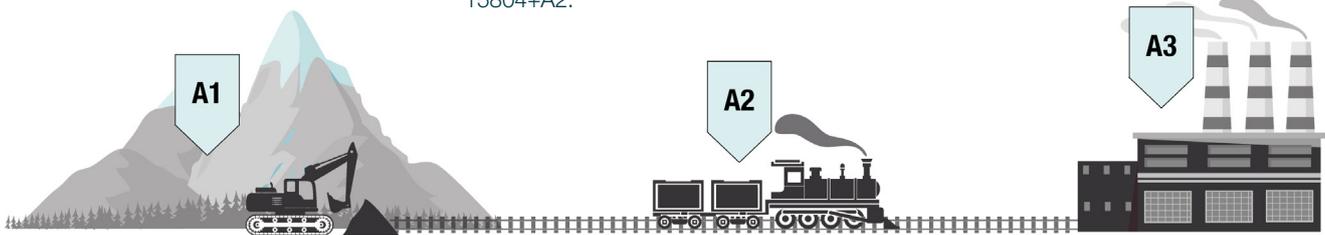
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## SYSTEM BOUNDARY

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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<b>Period of Data</b>	2021

## PRODUCT

<b>Declared Product</b>	Corner Slotted Post 1525
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0492
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	10
<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 90%. Generic industry data has been used for materials, energy and transport.



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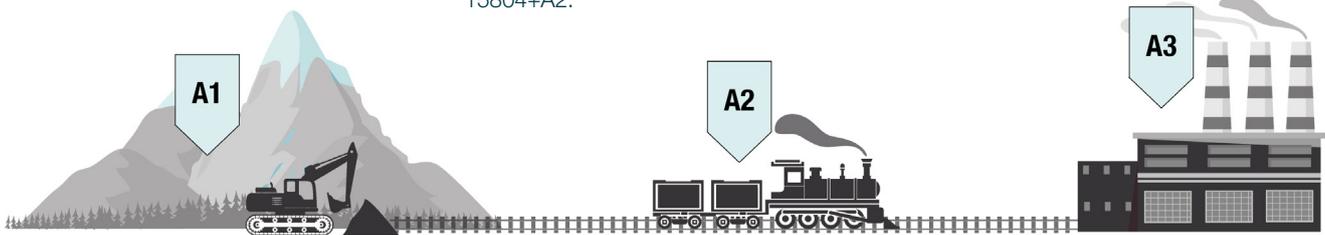
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Product Stage			Construction		Use Stage							End of life stage				Beyond the system boundary			
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D	D	D	
X	X	X						Modules Not Declared											
Raw Materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling	

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<b>Period of Data</b>	2021

## PRODUCT

<b>Declared Product</b>	Corner Slotted Post 1830
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0582
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	12
<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 90%. Generic industry data has been used for materials, energy and transport.



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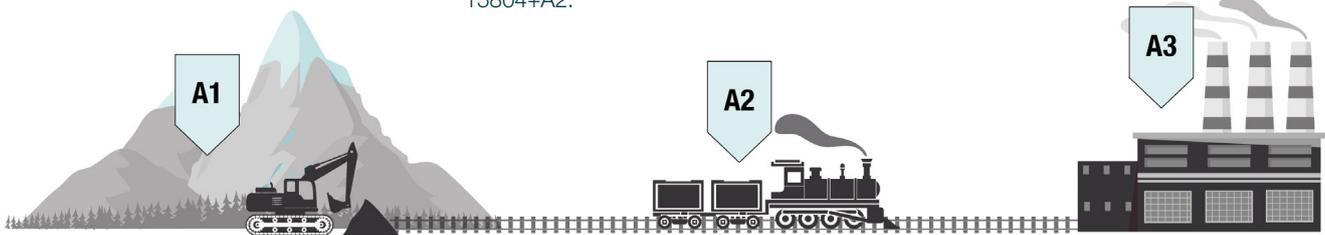
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A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D	D	D	
X	X	X						Modules Not Declared											
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<b>Period of Data</b>	2021

## PRODUCT

<b>Declared Product</b>	Corner Slotted Post 2135
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0667
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	13
<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 90%. Generic industry data has been used for materials, energy and transport.



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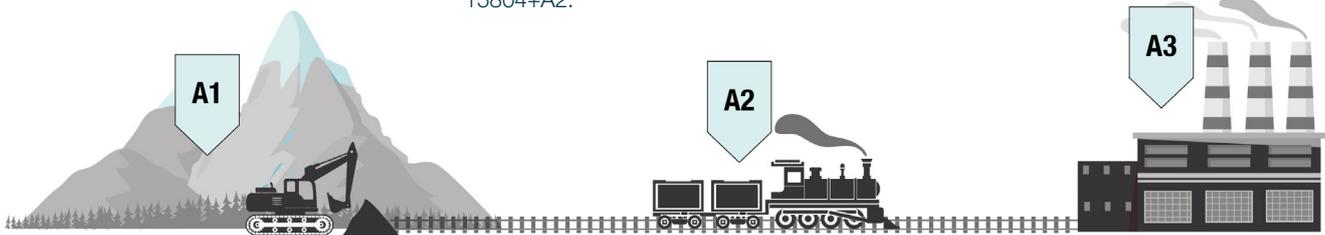
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X	X	X						Modules Not Declared											
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<b>Period of Data</b>	2021

## PRODUCT

<b>Declared Product</b>	Corner Slotted Post 2440
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.079
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	16
<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 90%. Generic industry data has been used for materials, energy and transport.



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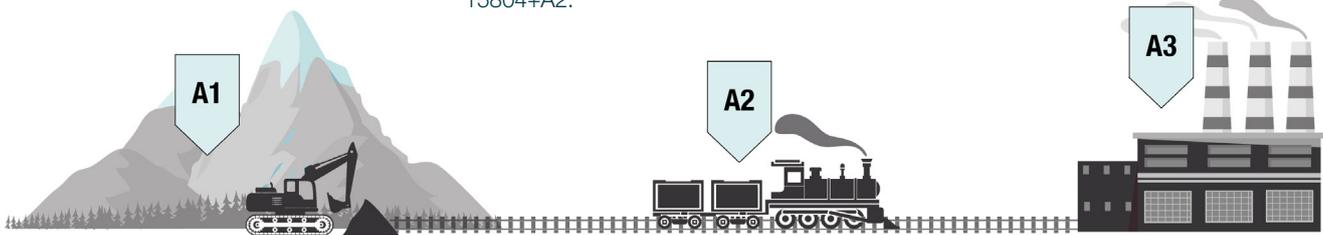
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X	X	X						Modules Not Declared											
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## PRODUCT

<b>Declared Product</b>	Corner Slotted Post 2745
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0902
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	18
<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 90%. Generic industry data has been used for materials, energy and transport.



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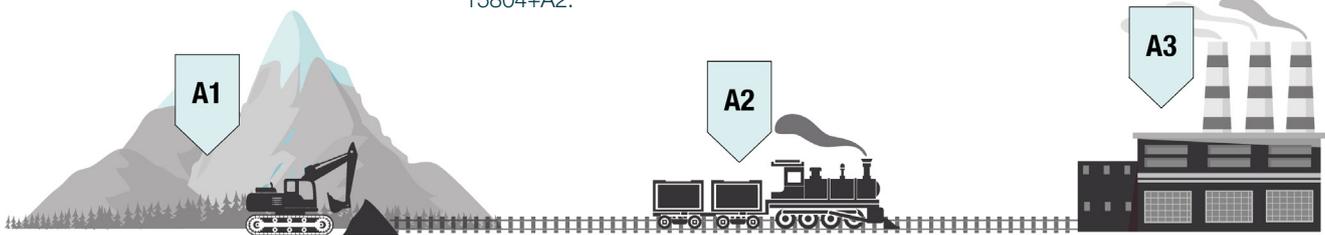
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X	X	X						Modules Not Declared											
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## PRODUCT

<b>Declared Product</b>	End Slotted Post 1525
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0308
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	6
<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 90%. Generic industry data has been used for materials, energy and transport.



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Director/Chief Engineer



## GWP

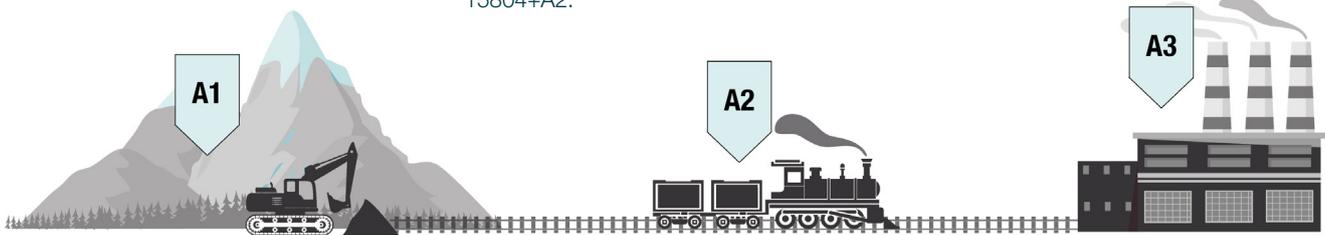
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	End Slotted Post 1830
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0378
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	8
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

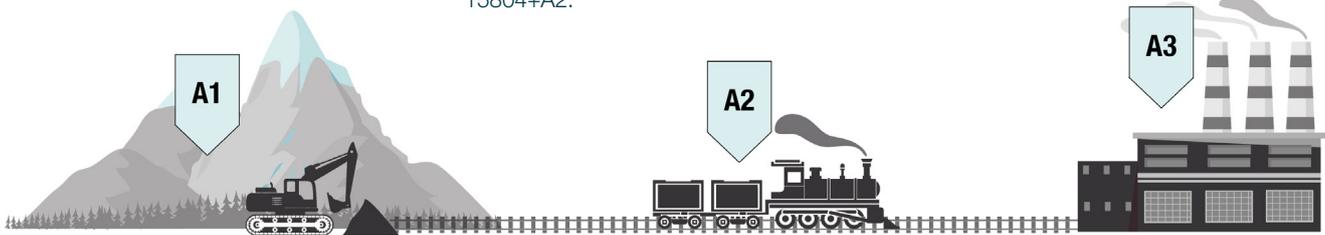
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## STANDARDS

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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>	2021

## PRODUCT

<b>Declared Product</b>	End Slotted Post 2135
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0443
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	9
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

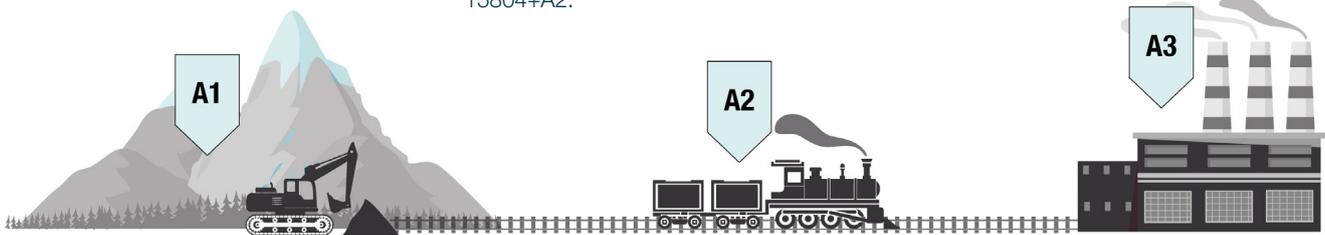
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## STANDARDS

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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>	2021

## PRODUCT

<b>Declared Product</b>	End Slotted Post 2440
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0497
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	10
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

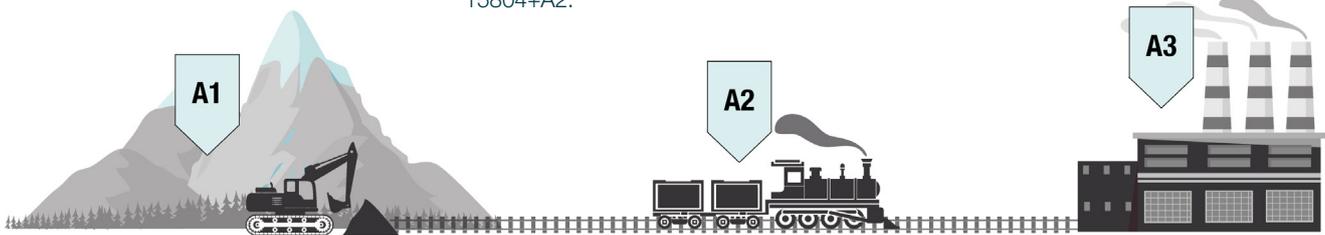
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	End Slotted Post 2745
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0561
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	11
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

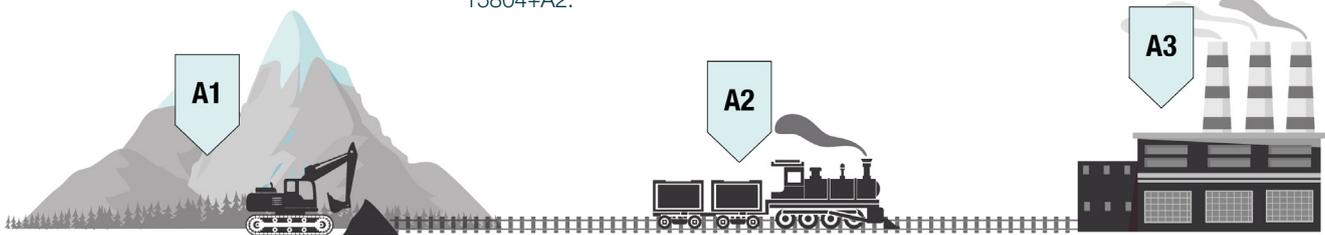
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	End Slotted Post 3050
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.063
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	13
<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 90%. Generic industry data has been used for materials, energy and transport.



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Director/Chief Engineer



## GWP

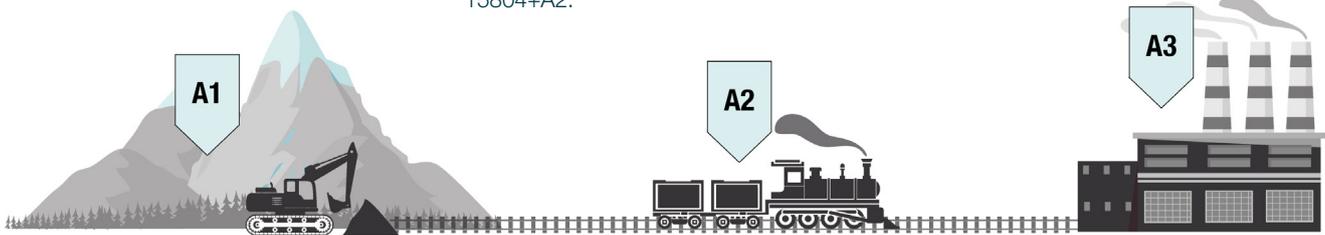
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty Intermediate Slotted Post 1525
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0495
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	10
<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 90%. Generic industry data has been used for materials, energy and transport.



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Director/Chief Engineer



## GWP

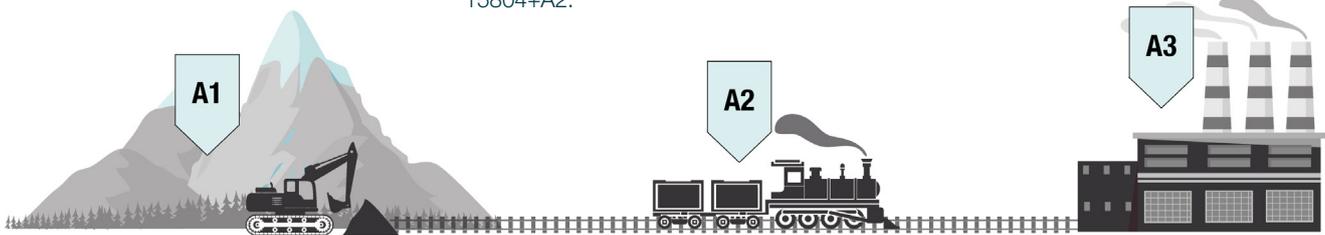
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty Intermediate Slotted Post 1830
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0595
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	12
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

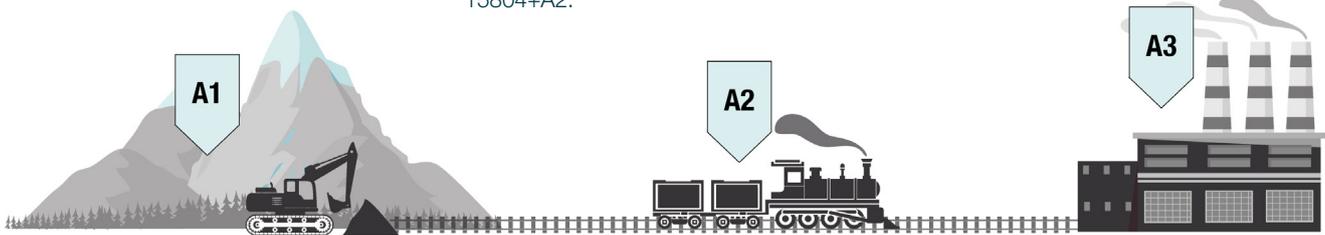
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## SCOPE OF ASSESSMENT

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>Manufacturer</b>	FP McCann
<b>Address</b>	3 Drumard Road, Knockloughrim
<b>Website</b>	fpmccann.co.uk
<b>Period of Data</b>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty Intermediate Slotted Post 2135
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0685
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	14
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

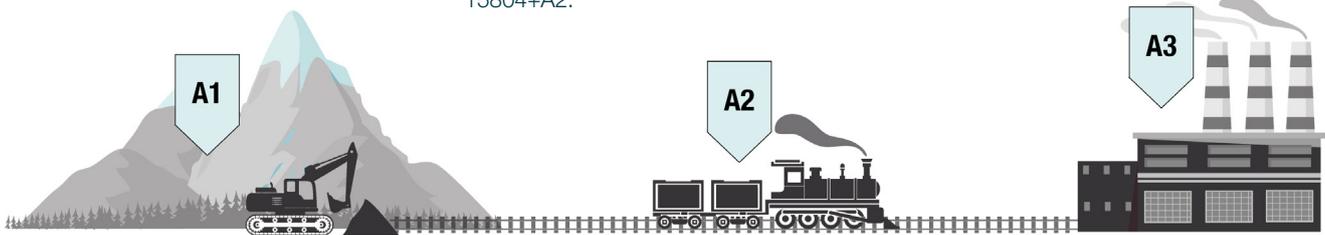
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## SCOPE OF ASSESSMENT

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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty Intermediate Slotted Post 2440
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0755
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	15
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

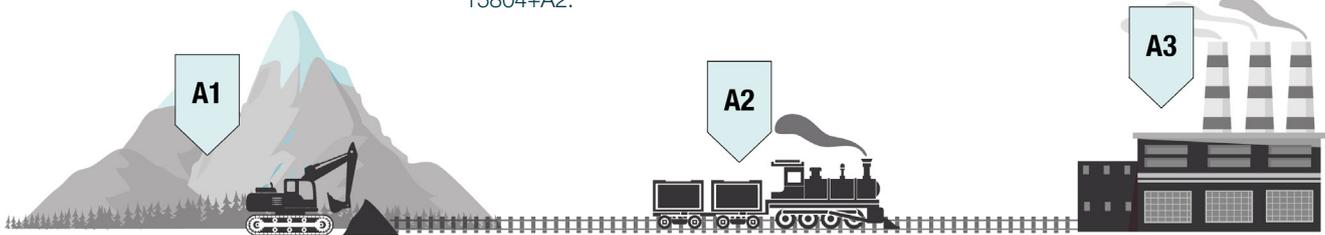
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## SCOPE OF ASSESSMENT

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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty Intermediate Slotted Post 2745
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0825
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

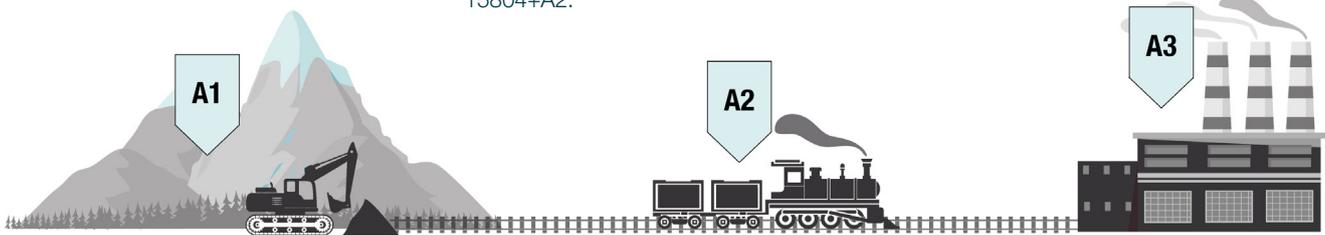
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## STANDARDS

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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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty Intermediate Slotted Post 3050
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.0955
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

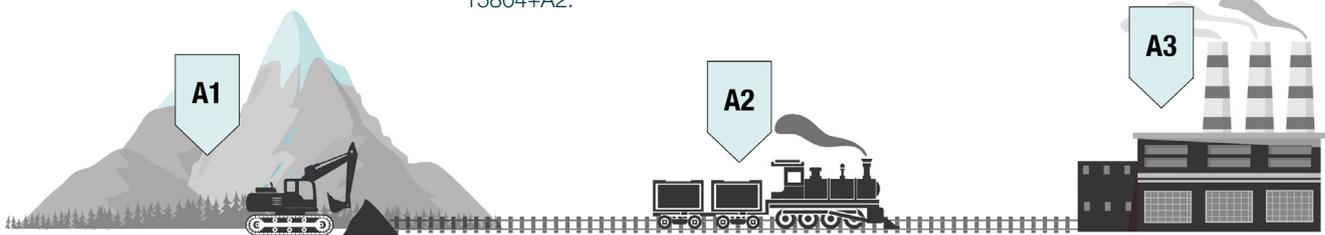
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty Intermediate Slotted Post 3550
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.1045
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	21
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

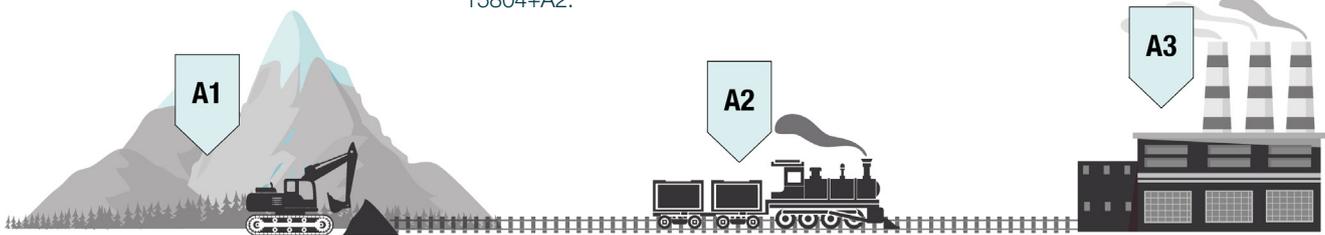
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty Intermediate Slotted Post 3660
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.1155
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

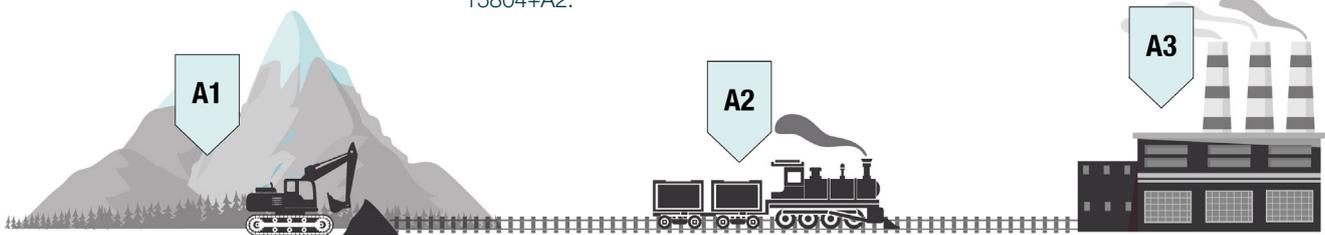
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## STANDARDS

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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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty Corner Slotted Post 3050
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.099
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	20
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

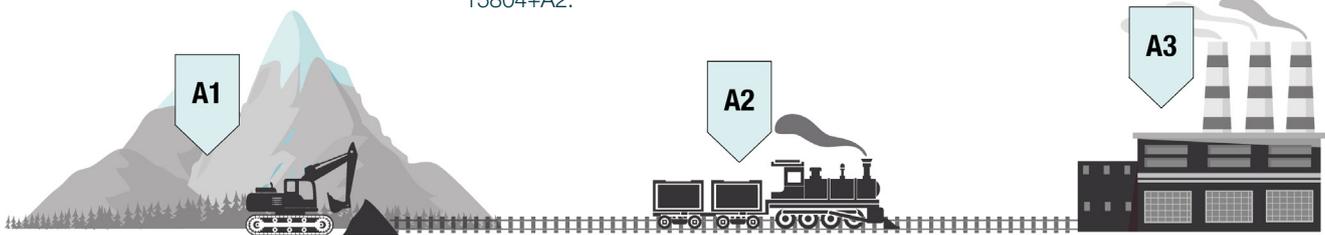
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty Corner Slotted Post 3350
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.1092
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	22
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

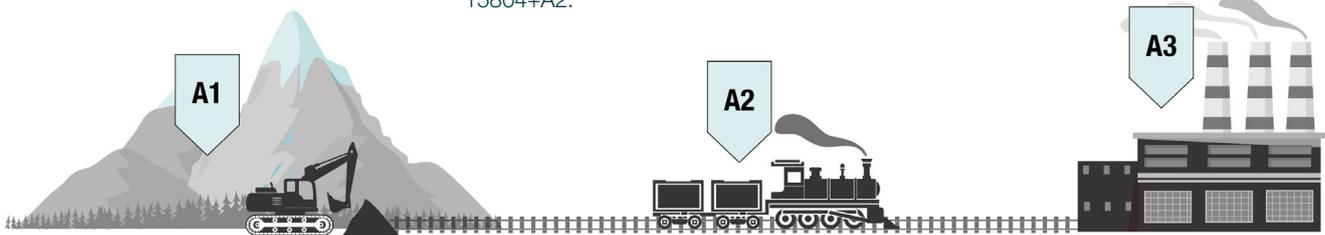
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty Corner Slotted Post 3660
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.1182
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	24
<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 90%. Generic industry data has been used for materials, energy and transport.



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Director/Chief Engineer



## GWP

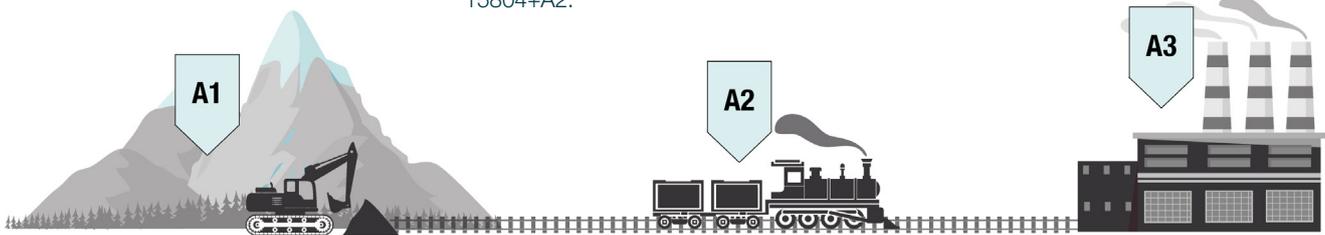
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty End Slotted Post 1525
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.053
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	11
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

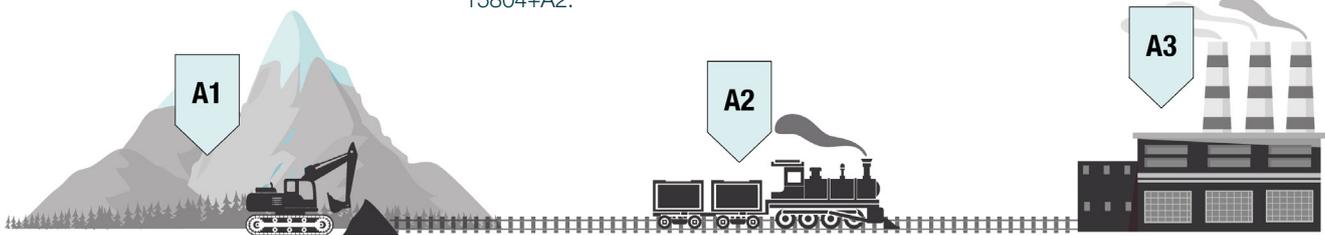
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty End Slotted Post 1830
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.064
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	13
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

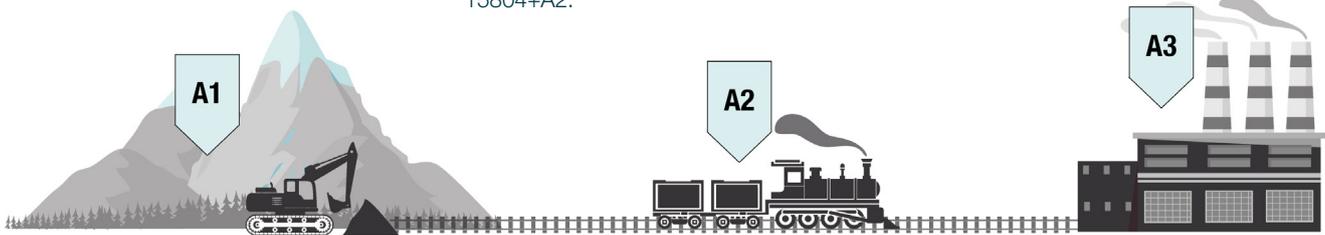
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty End Slotted Post 2135
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.074
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	15
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

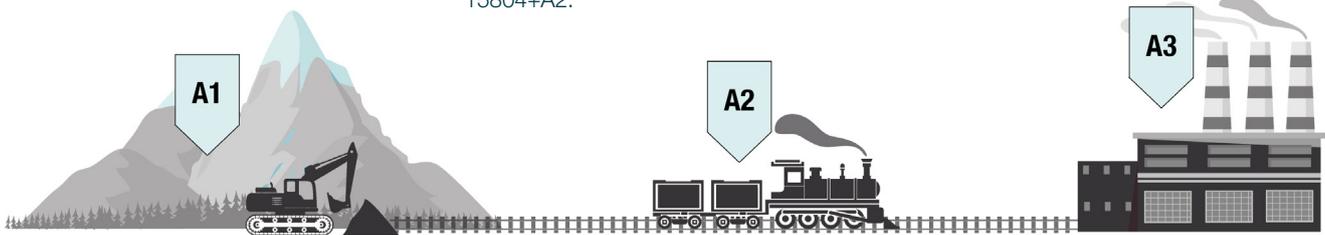
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty End Slotted Post 2440
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.082
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

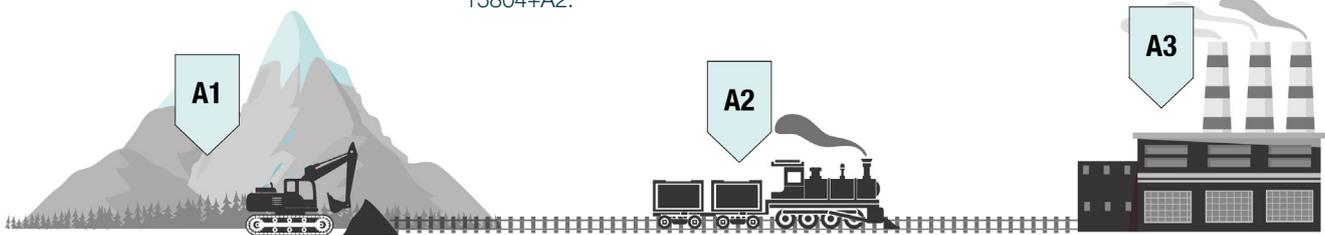
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## STANDARDS

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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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty End Slotted Post 2745
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.090
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	18
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

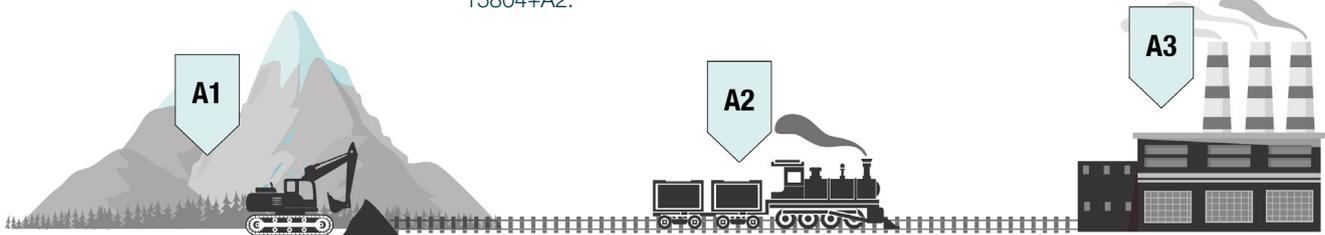
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty End Slotted Post 3050
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.103
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	21
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

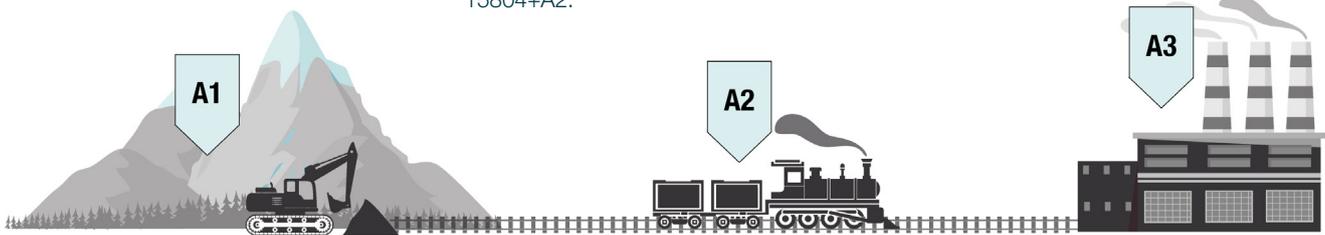
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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>Website</b>	fpmccann.co.uk
<b>Period of Data</b>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty End Slotted Post 3350
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.113
<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 90%. Generic industry data has been used for materials, energy and transport.



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OUR SUSTAINABILITY BOOKLET

**MARK MCCANN**  
Director/Chief Engineer



## GWP

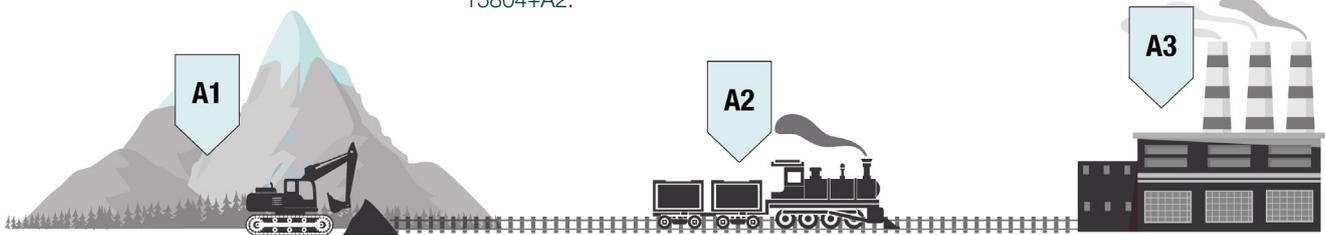
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

## 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

<b>Manufacturer</b>	FP McCann
<b>Address</b>	3 Drumard Road, Knockloughrim
<b>Website</b>	fpmccann.co.uk
<b>Period of Data</b>	2021

## PRODUCT

<b>Declared Product</b>	Heavy Duty End Slotted Post 3660
<b>Product Range</b>	Fencing
<b>Place of Production</b>	United Kingdom
<b>Product Mass (T)</b>	0.124
<b>GWP, A1-A3 (Kg CO<sub>2</sub>e)</b>	25
<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 90%. Generic industry data has been used for materials, energy and transport.



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**MARK MCCANN**  
Director/Chief Engineer



## GWP

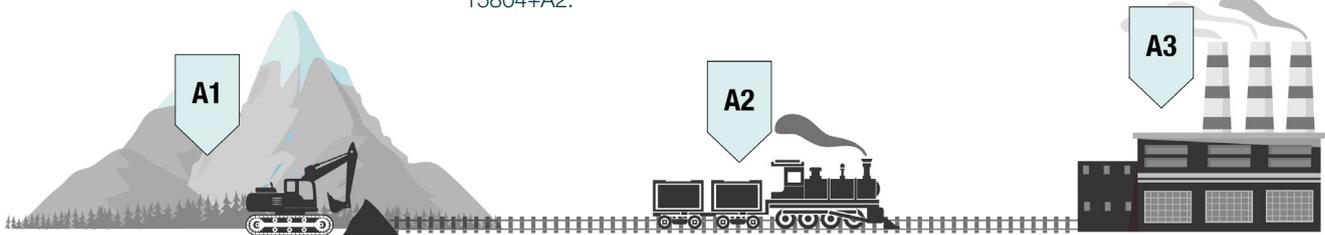
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## SCOPE OF ASSESSMENT

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## SYSTEM BOUNDARY

Product Stage			Construction		Use Stage							End of life stage				Beyond the system boundary			
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D	D	D	
X	X	X						Modules Not Declared											
Raw Materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling	

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