

ENVIRONMENTAL PRODUCT DECLARATION



MANUFACTURER

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

PRODUCT

Declared Product	L Wall 1m Straight
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	0.440
GWP, A1-A3 (Kg CO₂e)	90
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

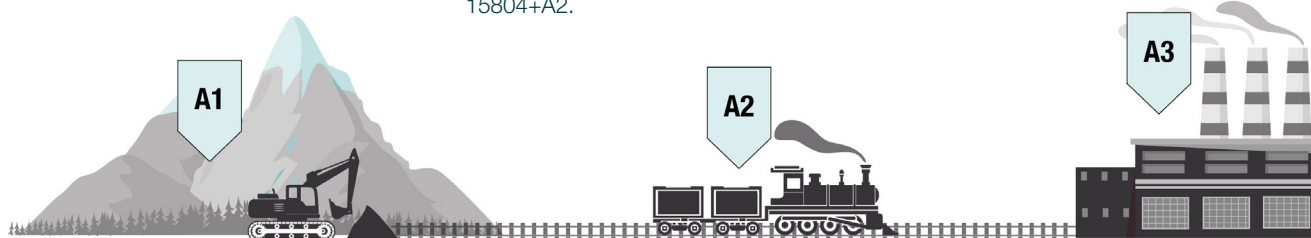
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

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	L Wall 1.5m Straight
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	0.710
GWP, A1-A3 (Kg CO₂e)	145
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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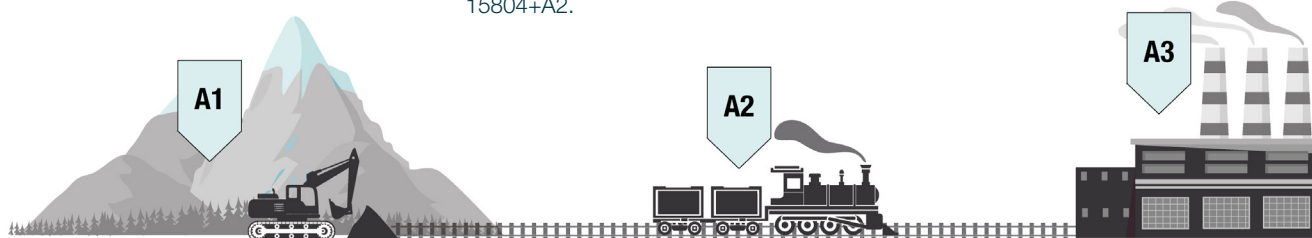
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MANUFACTURER

Manufacturer	FP McCann
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Website	fpmccann.co.uk
Period of Data	2023

PRODUCT

Declared Product	L Wall 1.75m Straight
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	0.870
GWP, A1-A3 (Kg CO₂e)	178
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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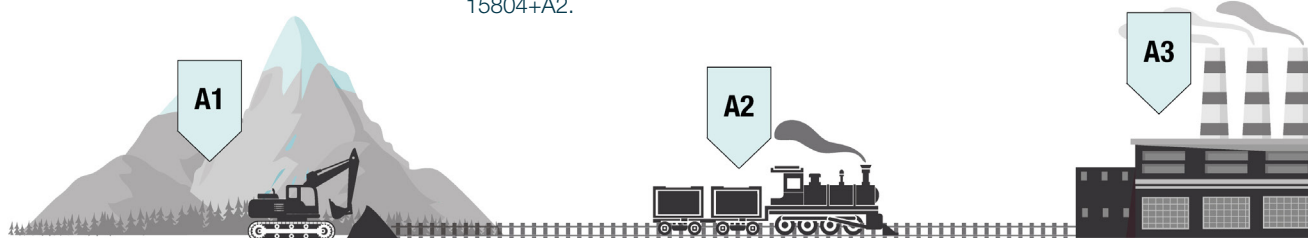
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MANUFACTURER

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Period of Data	2023

PRODUCT

Declared Product	L Wall 2m Straight
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	1.010
GWP, A1-A3 (Kg CO₂e)	206

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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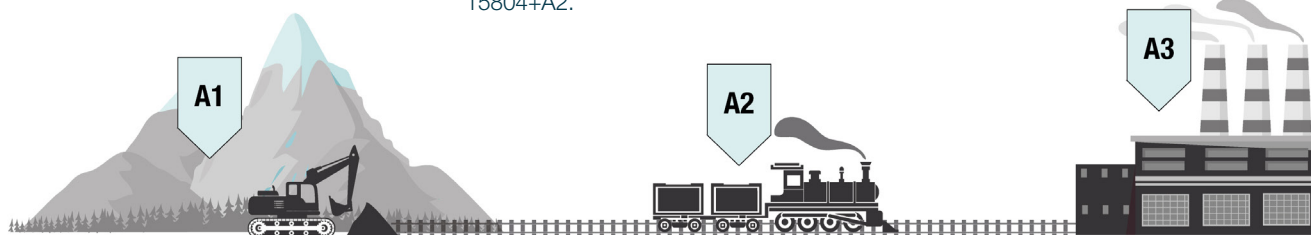
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Declared Product	L Wall 2.5m Straight
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	1.500
GWP, A1-A3 (Kg CO₂e)	307

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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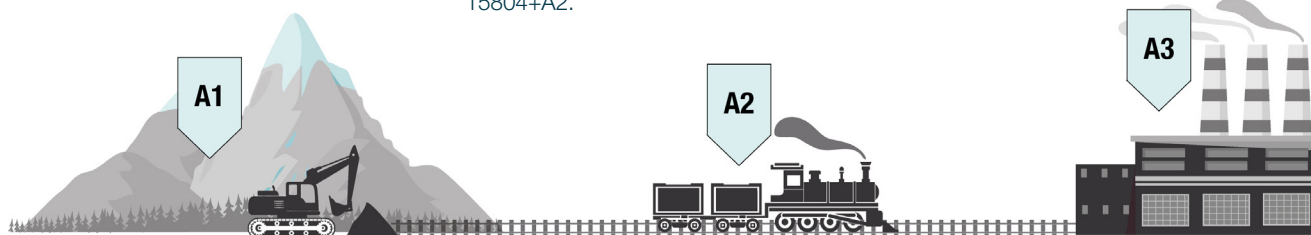
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PRODUCT

Declared Product	L Wall 3m Straight
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	1.960
GWP, A1-A3 (Kg CO₂e)	401

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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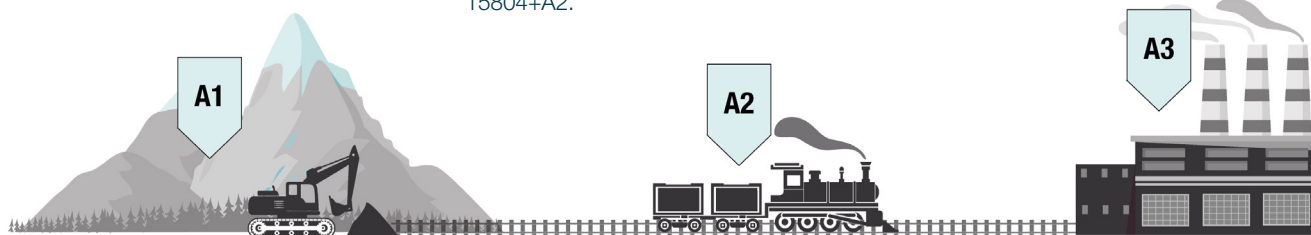
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Period of Data	2023

PRODUCT

Declared Product	L Wall 3.75m Straight
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	2.950
GWP, A1-A3 (Kg CO₂e)	603

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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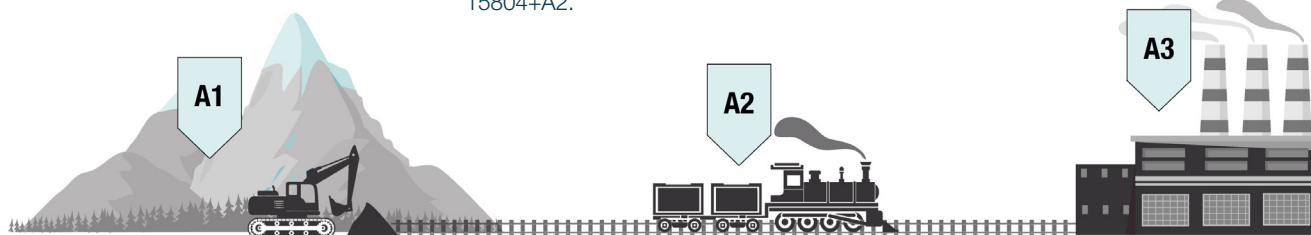
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Period of Data	2023

PRODUCT

Declared Product	L Wall 1m Corner
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	0.790
GWP, A1-A3 (Kg CO₂e)	161
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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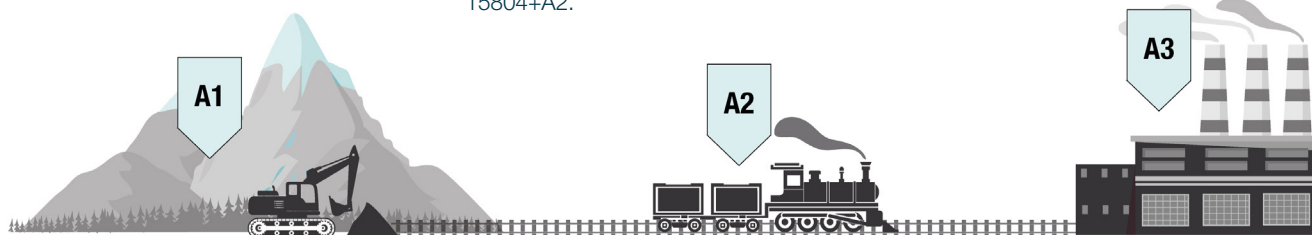
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Period of Data	2023

PRODUCT

Declared Product	L Wall 1.5m Corner
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	1.170
GWP, A1-A3 (Kg CO₂e)	239
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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Period of Data	2023

PRODUCT

Declared Product	L Wall 1.75m Corner
Product Range	Walling
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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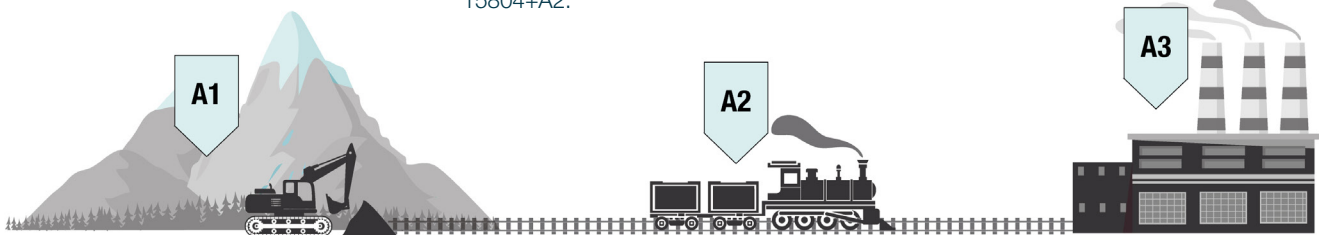
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Period of Data	2023

PRODUCT

Declared Product	L Wall 2m Corner
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	1.580
GWP, A1-A3 (Kg CO₂e)	323
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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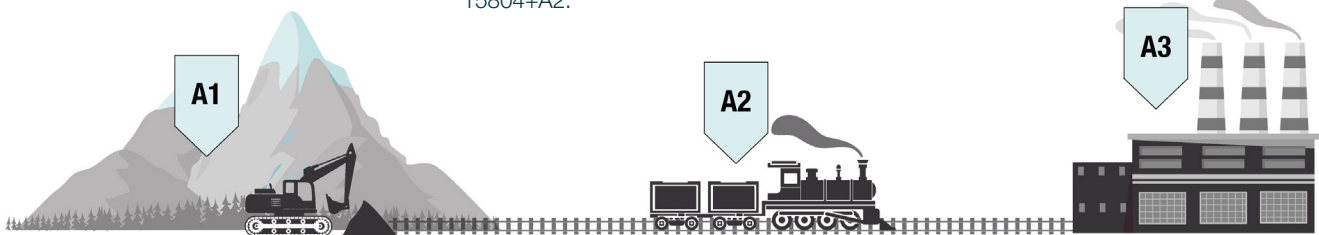
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PRODUCT

Declared Product	L Wall 2.5m Corner
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	2.950
GWP, A1-A3 (Kg CO₂e)	603

Description

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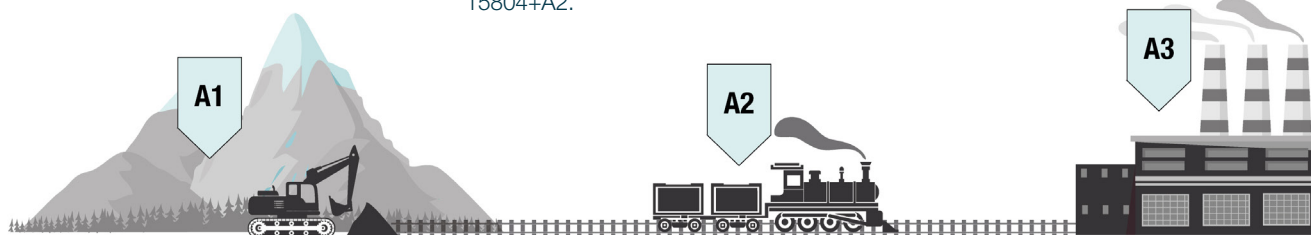
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PRODUCT

Declared Product	L Wall 3m Corner
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	2.350
GWP, A1-A3 (Kg CO₂e)	480

Description

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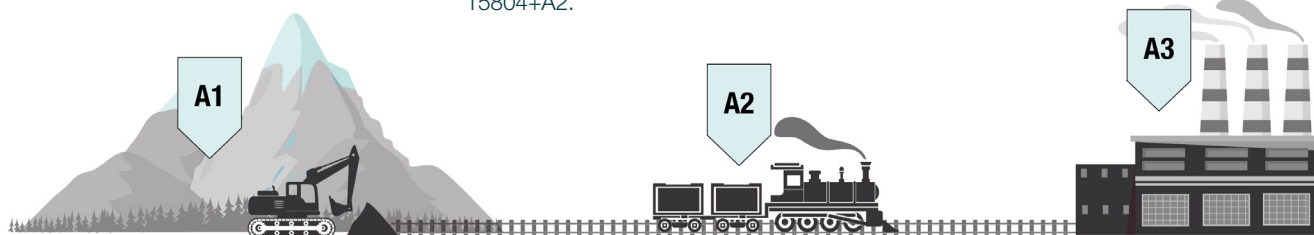
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Period of Data	2023

PRODUCT

Declared Product	L Wall 3.75m Corner
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	3.550
GWP, A1-A3 (Kg CO₂e)	726
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

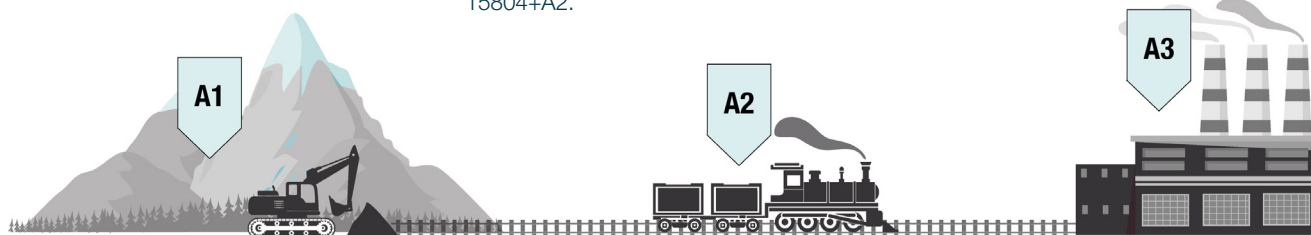
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STANDARDS

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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ENVIRONMENTAL PRODUCT DECLARATION



MANUFACTURER

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

PRODUCT

Declared Product	L Wall 4m x 1m
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	5.000
GWP, A1-A3 (Kg CO₂e)	1022

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

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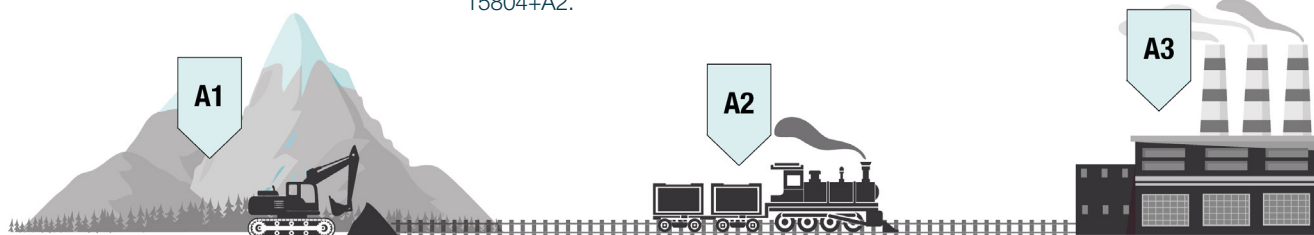
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SCOPE OF ASSESSMENT

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

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

PRODUCT

Declared Product	L Wall 4.5m x 1m
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	5.300
GWP, A1-A3 (Kg CO ₂ e)	1083

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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Director/Chief Engineer

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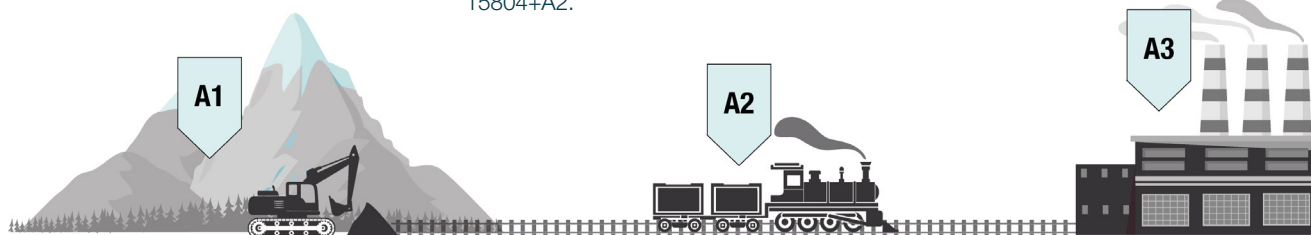
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SCOPE OF ASSESSMENT

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

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

PRODUCT

Declared Product	L Wall 5m x 1m
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	5.700
GWP, A1-A3 (Kg CO₂e)	1165
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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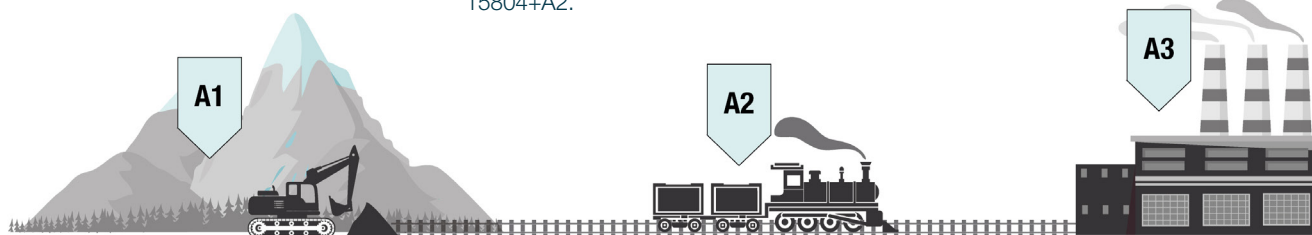
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SCOPE OF ASSESSMENT

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	L Wall 5.5m x 1m
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	5.860
GWP, A1-A3 (Kg CO₂e)	1198
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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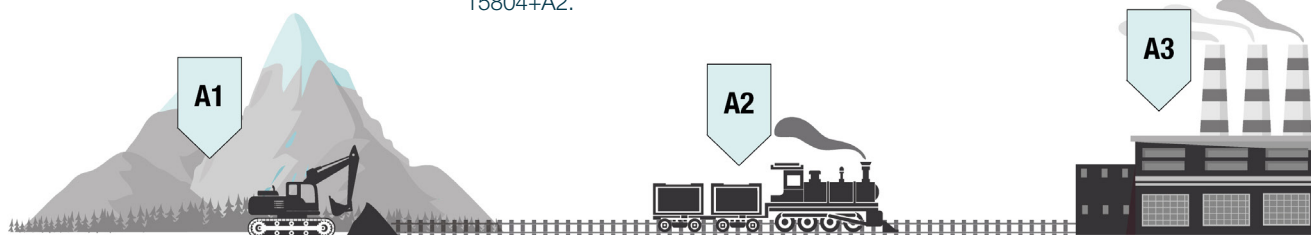
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SCOPE OF ASSESSMENT

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	L Wall 6m x 1m
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	6.200
GWP, A1-A3 (Kg CO₂e)	1267

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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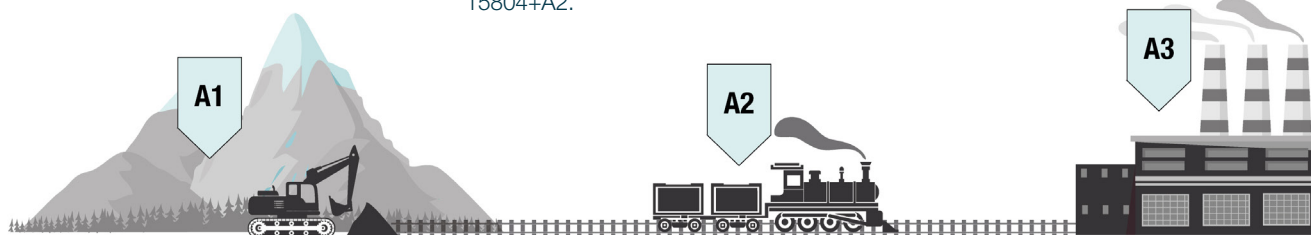
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SCOPE OF ASSESSMENT

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	L Wall 4m x 2m
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	9.930
GWP, A1-A3 (Kg CO₂e)	2029
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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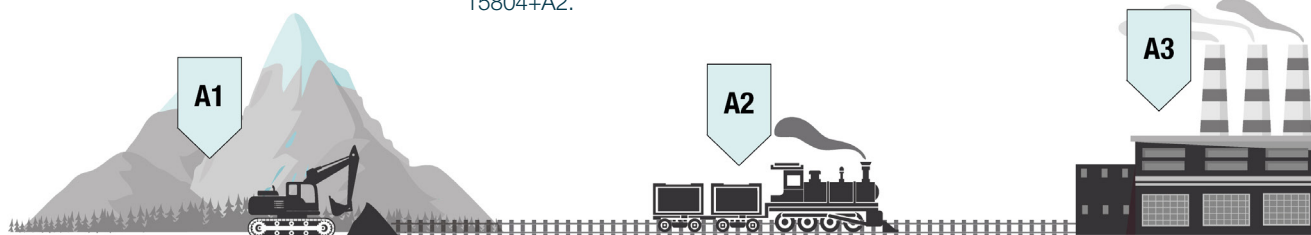
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SCOPE OF ASSESSMENT

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	L Wall 4.5m x 2m
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	10.530
GWP, A1-A3 (Kg CO₂e)	2152

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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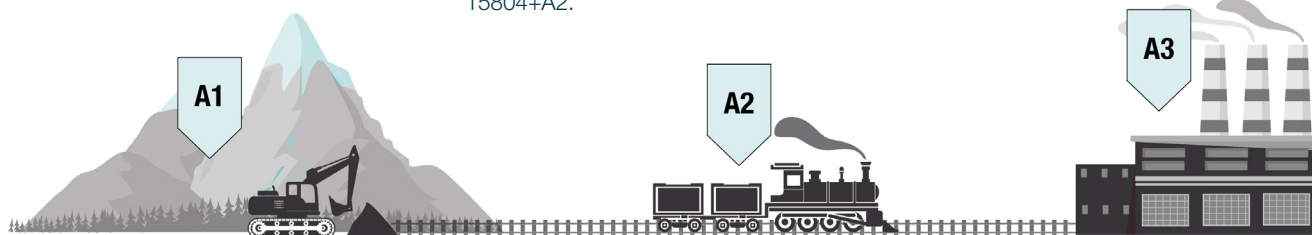
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SCOPE OF ASSESSMENT

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	L Wall 5m x 2m
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	11.130
GWP, A1-A3 (Kg CO₂e)	2275

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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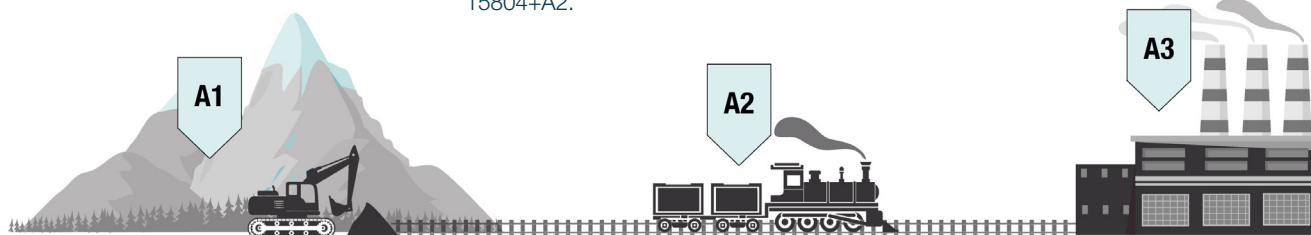
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SCOPE OF ASSESSMENT

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	L Wall 5.5m x 2m
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	11.720
GWP, A1-A3 (Kg CO₂e)	2395
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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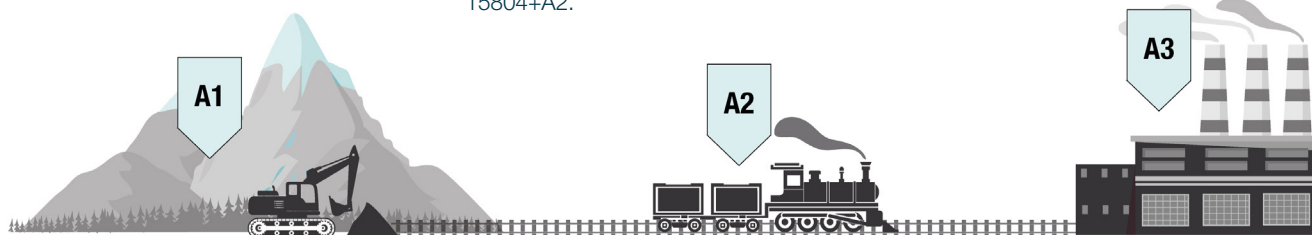
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SCOPE OF ASSESSMENT

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	L Wall 6m x 2m
Product Range	Walling
Place of Production	United Kingdom
Product Mass (T)	12.400
GWP, A1-A3 (Kg CO₂e)	2534
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

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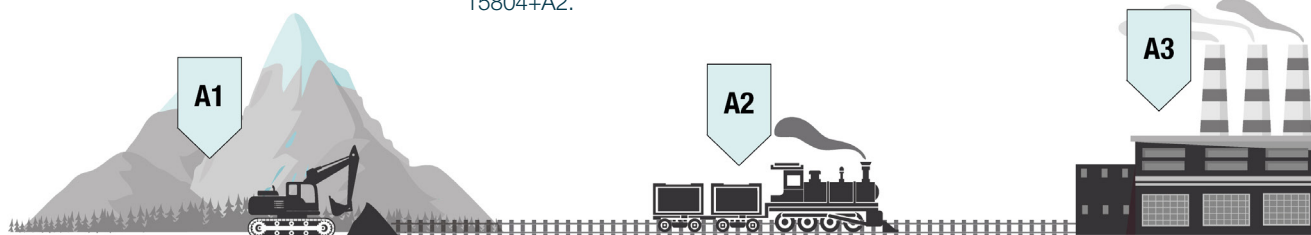
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SCOPE OF ASSESSMENT

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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