

ENVIRONMENTAL PRODUCT DECLARATION



MANUFACTURER

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

PRODUCT

Declared Product	DN300 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	0.132
GWP, A1-A3 (Kg CO₂e)	17
Description	Concrete is specified in accordance with BS 8500 and BS EN 206. The recycled content for steel has been assumed to be 97%. Generic industry data has been used for materials, energy and transport.



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OUR SUSTAINABILITY BOOKLET

MARK MCCANN
Director/Chief Engineer

GWP

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

STANDARDS

This document has been generated using One Click LCA software and report ISO 14021 self-declared results, calculated according to ISO 14040 and ISO 14044 standards. The results follow ISO 21930/EN 15804+A2.

SCOPE OF ASSESSMENT

The results have a cradle-to-gate scope, comprising raw materials extraction and supply (A1), transport (A2) and manufacturing (A3).



SYSTEM BOUNDARY

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

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MANUFACTURER

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

PRODUCT

Declared Product	DN375 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	0.169
GWP, A1-A3 (Kg CO₂e)	22
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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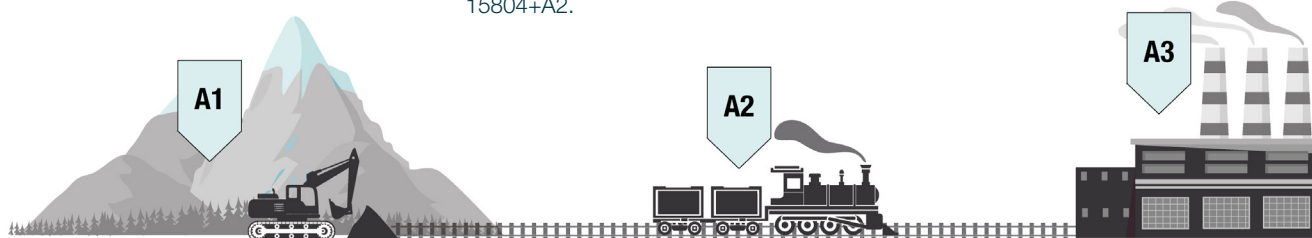
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Period of Data	2023

PRODUCT

Declared Product	DN450 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	0.211
GWP, A1-A3 (Kg CO₂e)	28
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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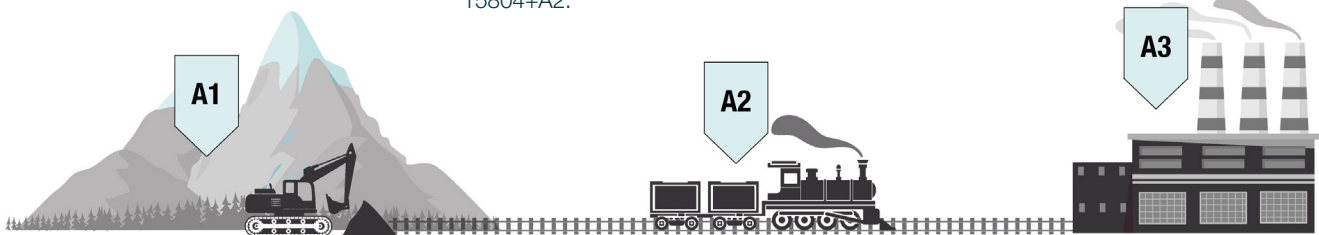
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Period of Data	2023

PRODUCT

Declared Product	DN525 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	0.277
GWP, A1-A3 (Kg CO₂e)	36
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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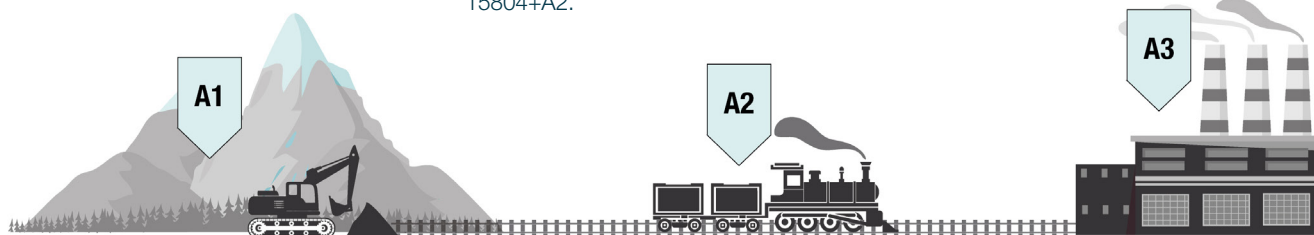
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PRODUCT

Declared Product	DN600 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	0.350
GWP, A1-A3 (Kg CO₂e)	46
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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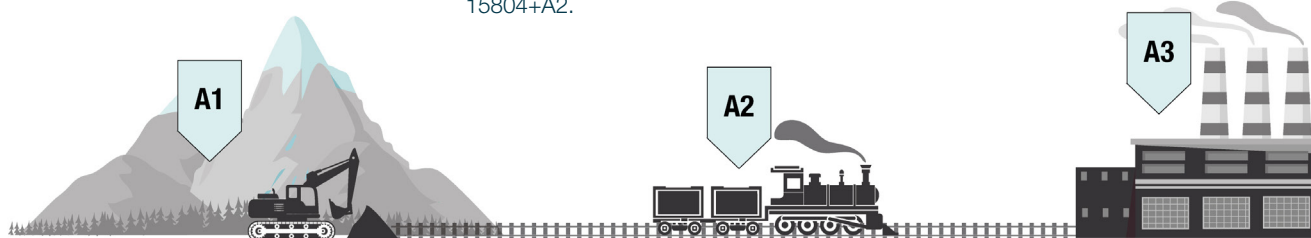
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PRODUCT

Declared Product	DN675 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	0.750
GWP, A1-A3 (Kg CO₂e)	99
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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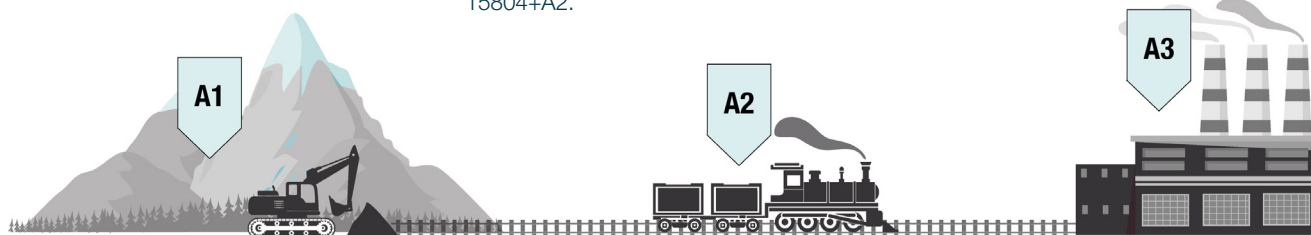
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PRODUCT

Declared Product	DN750 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	0.905
GWP, A1-A3 (Kg CO₂e)	119
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	DN825 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	0.800
GWP, A1-A3 (Kg CO₂e)	118
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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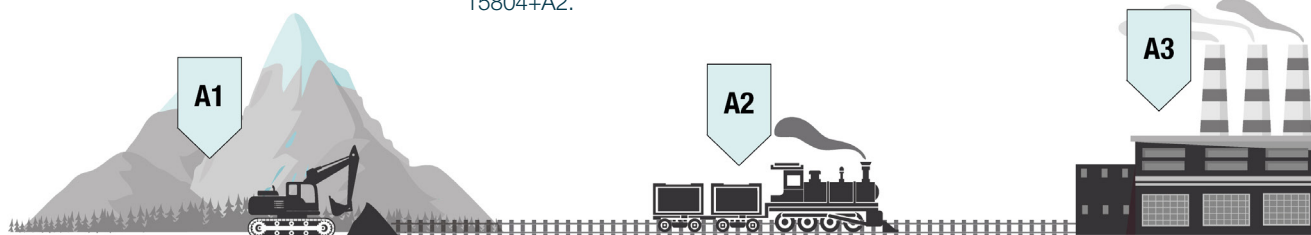
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Period of Data	2023

PRODUCT

Declared Product	DN900 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	1.140
GWP, A1-A3 (Kg CO₂e)	167
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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X	X	X						Modules Not Declared										
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PRODUCT

Declared Product	DN1050 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	1.513
GWP, A1-A3 (Kg CO₂e)	222
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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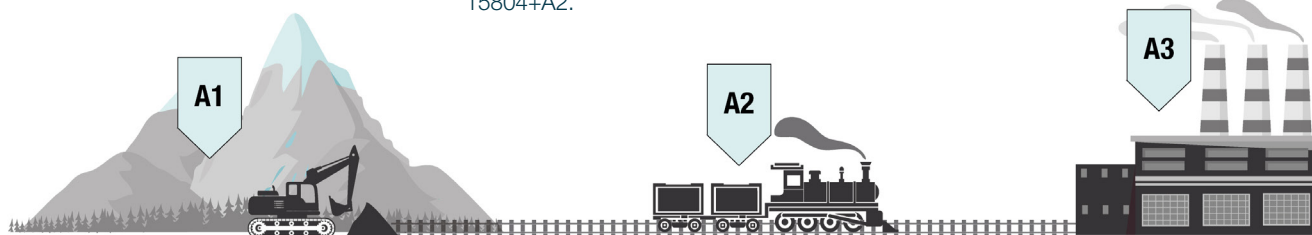
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Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2023

PRODUCT

Declared Product	DN1200 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	2.427
GWP, A1-A3 (Kg CO₂e)	356
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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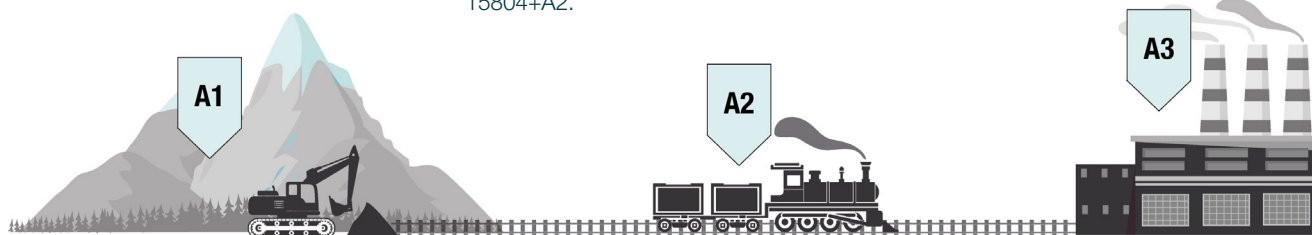
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PRODUCT

Declared Product	DN1350 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	4.416
GWP, A1-A3 (Kg CO₂e)	649
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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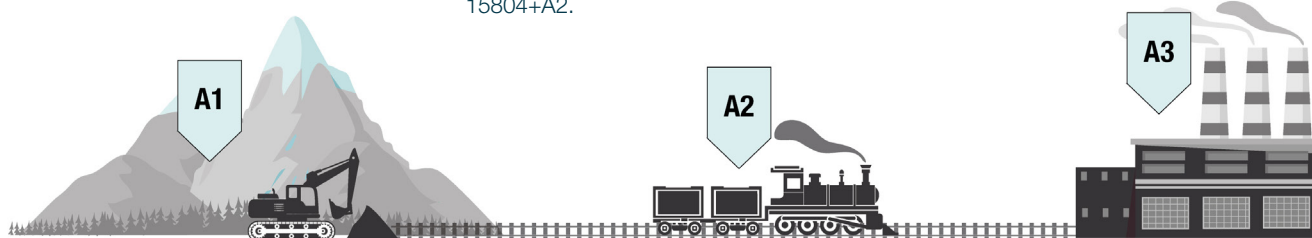
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PRODUCT

Declared Product	DN1500 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	5.120
GWP, A1-A3 (Kg CO₂e)	752
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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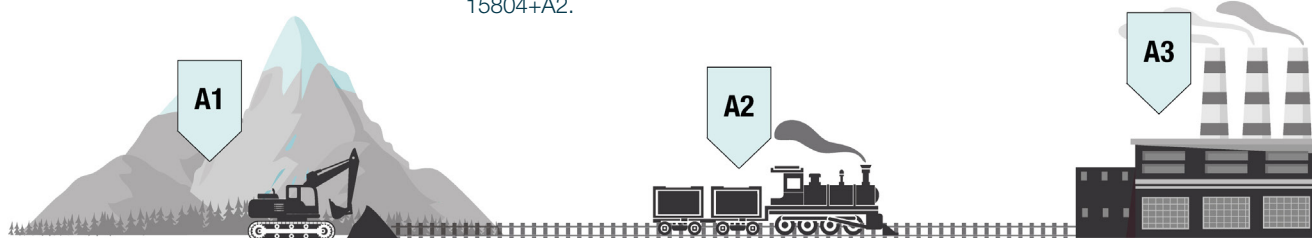
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Period of Data	2023

PRODUCT

Declared Product	DN1800 Fast Fit Junctions
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	7.360
GWP, A1-A3 (Kg CO₂e)	1081
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

GWP

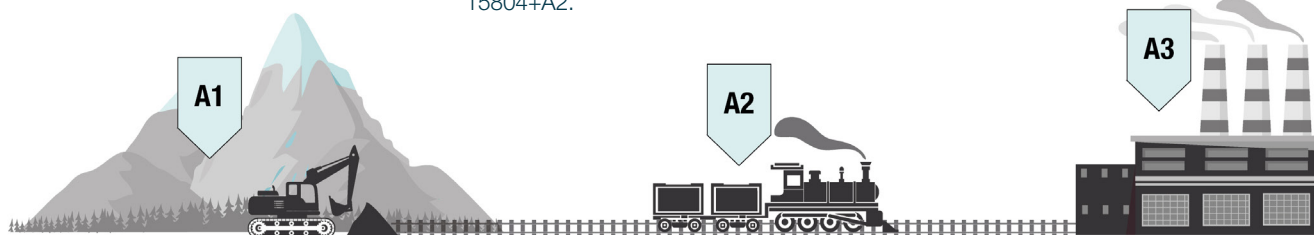
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

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.