

ENVIRONMENTAL PRODUCT DECLARATION



MANUFACTURER

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

PRODUCT

Declared Product	DN675 90° Three Piece Bends
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	0.850
GWP, A1-A3 (Kg CO₂e)	112
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

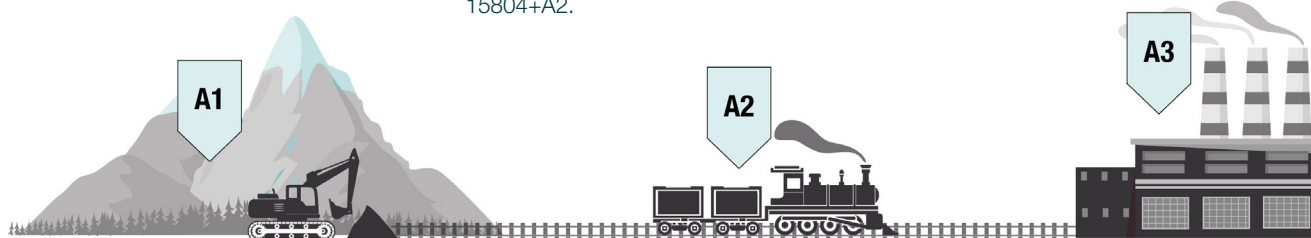
This document quantifies the Global Warming Potential (GWP) of the declared product. This may also be referred to as the carbon footprint or embodied carbon.

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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PRODUCT

Declared Product	DN750 90° Three Piece Bends
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	1.200
GWP, A1-A3 (Kg CO₂e)	158

Description

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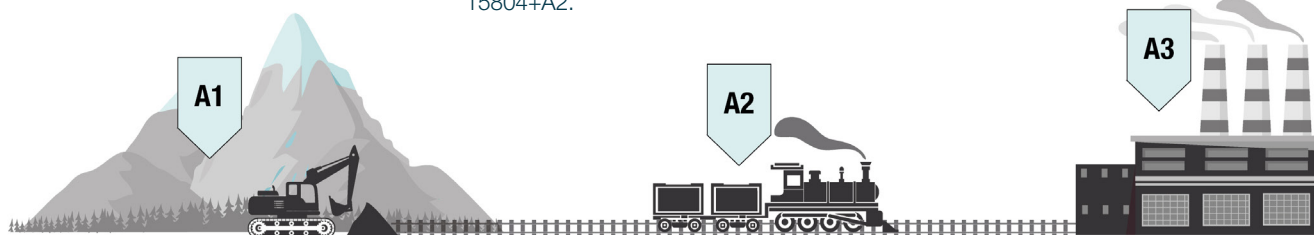
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PRODUCT

Declared Product	DN825 90° Three Piece Bends
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	1.900
GWP, A1-A3 (Kg CO₂e)	274
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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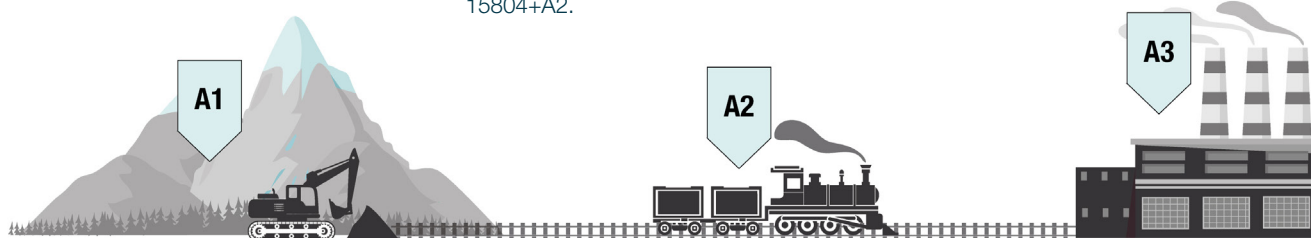
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Period of Data	2023

PRODUCT

Declared Product	DN900 90° Three Piece Bends
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	2.000
GWP, A1-A3 (Kg CO₂e)	289

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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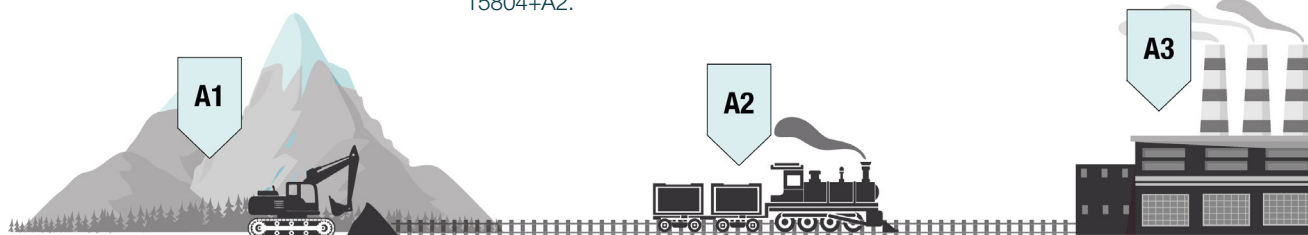
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PRODUCT

Declared Product	DN1050 90° Three Piece Bends
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	2.600
GWP, A1-A3 (Kg CO₂e)	375

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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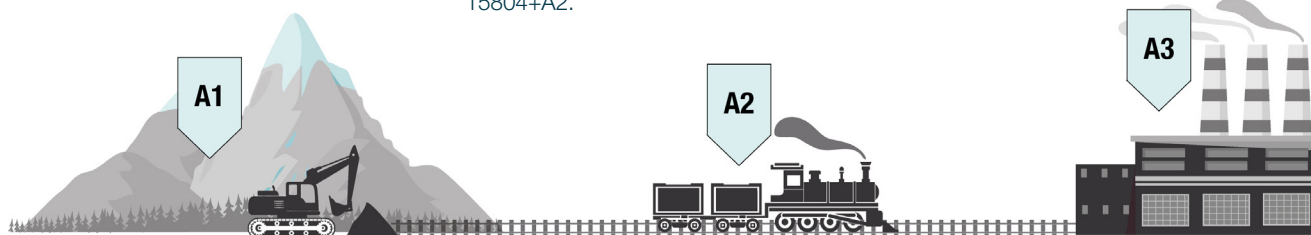
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PRODUCT

Declared Product	DN1200 90° Three Piece Bends
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	3.500
GWP, A1-A3 (Kg CO₂e)	505
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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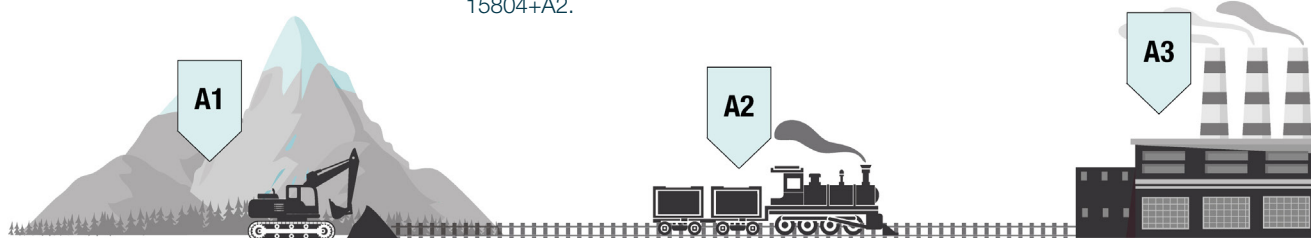
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PRODUCT

Declared Product	DN1350 90° Three Piece Bends
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	4.200
GWP, A1-A3 (Kg CO₂e)	606

Description

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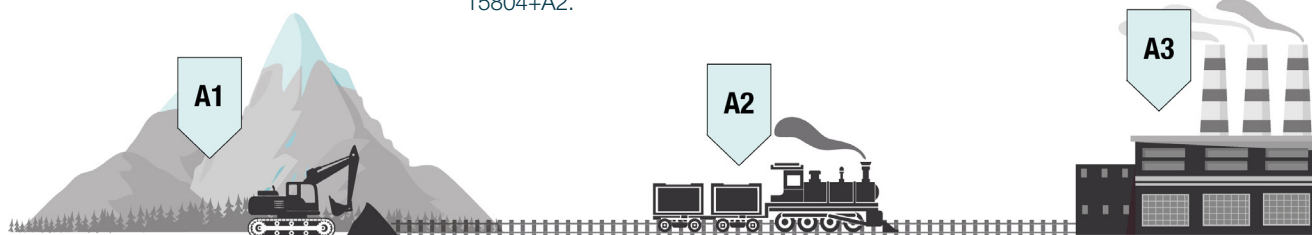
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Period of Data	2023

PRODUCT

Declared Product	DN1500 90° Three Piece Bends
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	5.100
GWP, A1-A3 (Kg CO₂e)	736

Description

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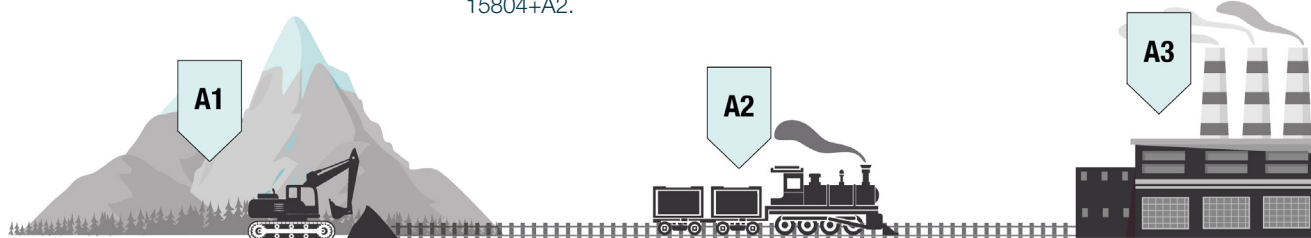
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PRODUCT

Declared Product	DN1800 90° Three Piece Bends
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	6.800
GWP, A1-A3 (Kg CO₂e)	981
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	DN2100 90° Three Piece Bends
Product Range	Drainage
Place of Production	United Kingdom
Product Mass (T)	7.100
GWP, A1-A3 (Kg CO₂e)	1024
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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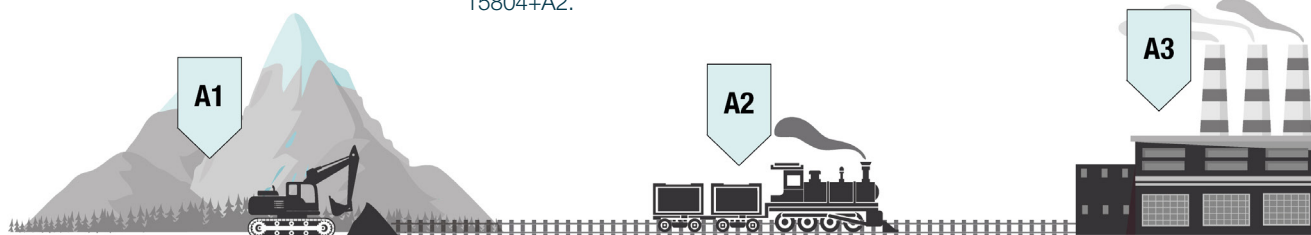
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