ENVIRONMENTAL PRODUCT DECLARATION

MANUFACTURER

Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2024

PRODUCT

Declared Product	Hollowcore 150
Product Range	Flooring
Place of Production	United Kingdom
Product Mass	0.241 T/m^2
GWP, A1-A3	47 Kg CO_2e per m^2
Description	Concrete is specified in accordance with BS 8500 and BS EN 206. The recycled content for steel has been assumed to be 97%. Generic industry data has been used for materials, energy and transport.

SCAN THE QR CODE TO VIEW OUR SUSTAINABILITY BOOKLET

MARK MCCANN
Director/Chief Engineer

GWP

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

STANDARDS

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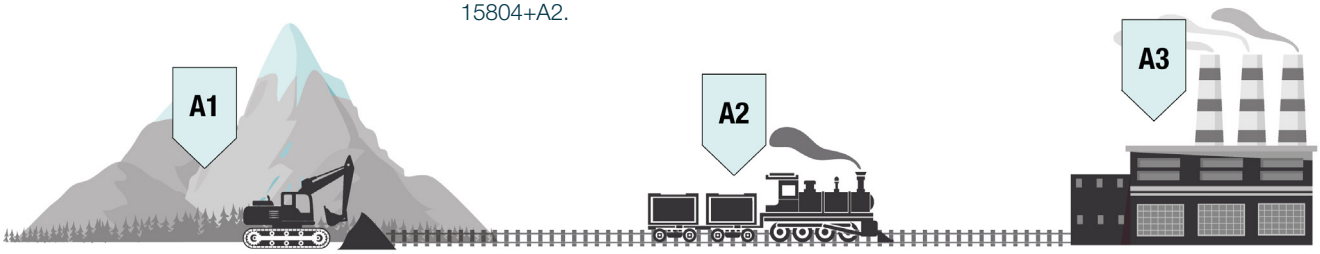
SCOPE OF ASSESSMENT

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

ENVIRONMENTAL PRODUCT DECLARATION

MANUFACTURER

Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2024

PRODUCT

Declared Product	Hollowcore 150H
Product Range	Flooring
Place of Production	United Kingdom
Product Mass	0.308 T/m^2
GWP, A1-A3	60 Kg $C0_2e$ per m^2
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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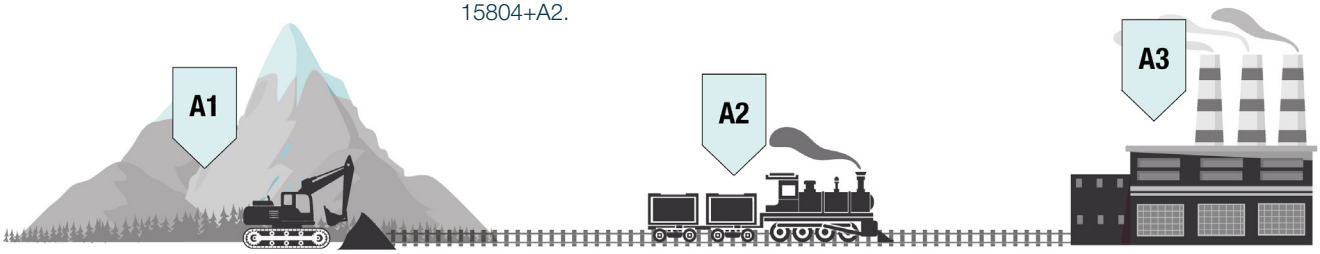

SYSTEM BOUNDARY

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

ENVIRONMENTAL PRODUCT DECLARATION

MANUFACTURER

Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2024

PRODUCT

Declared Product	Hollowcore 200
Product Range	Flooring
Place of Production	United Kingdom
Product Mass	0.304 T/m^2
GWP, A1-A3	59 Kg CO_2e per m^2
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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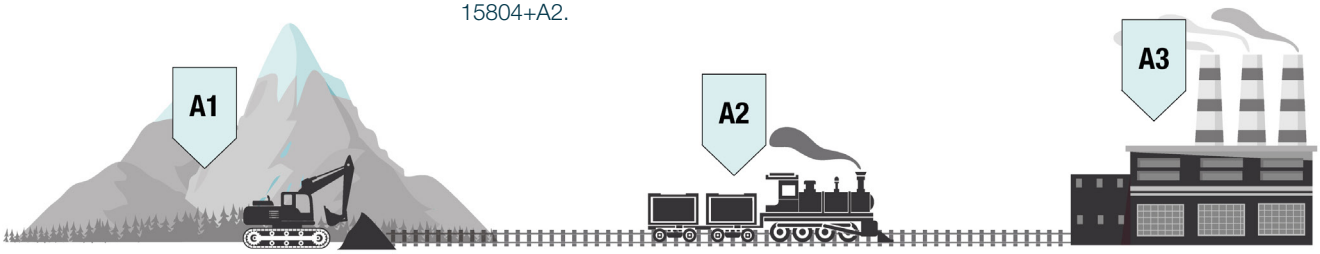

SYSTEM BOUNDARY

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

ENVIRONMENTAL PRODUCT DECLARATION

MANUFACTURER

Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2024

PRODUCT

Declared Product	Hollowcore 250
Product Range	Flooring
Place of Production	United Kingdom
Product Mass	0.369 T/m^2
GWP, A1-A3	72 Kg $C0_2e$ per m^2
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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SCOPE OF ASSESSMENT

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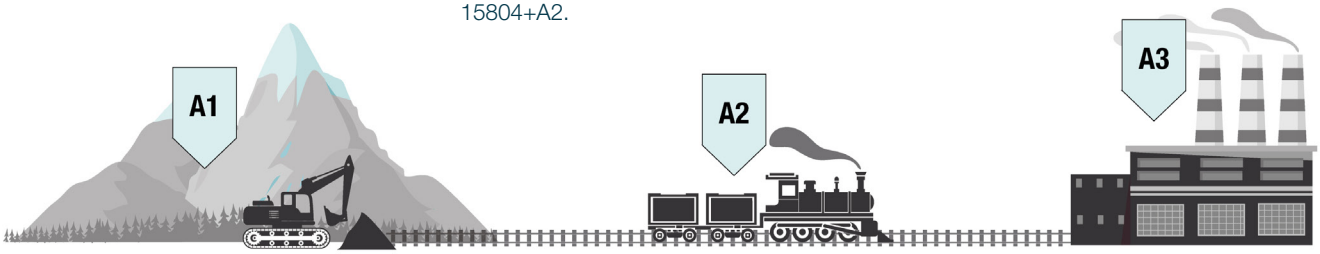

SYSTEM BOUNDARY

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

ENVIRONMENTAL PRODUCT DECLARATION

MANUFACTURER

Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2024

PRODUCT

Declared Product	Hollowcore 260
Product Range	Flooring
Place of Production	United Kingdom
Product Mass	0.354 T/m^2
GWP, A1-A3	69 Kg CO_2e per m^2
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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SCOPE OF ASSESSMENT

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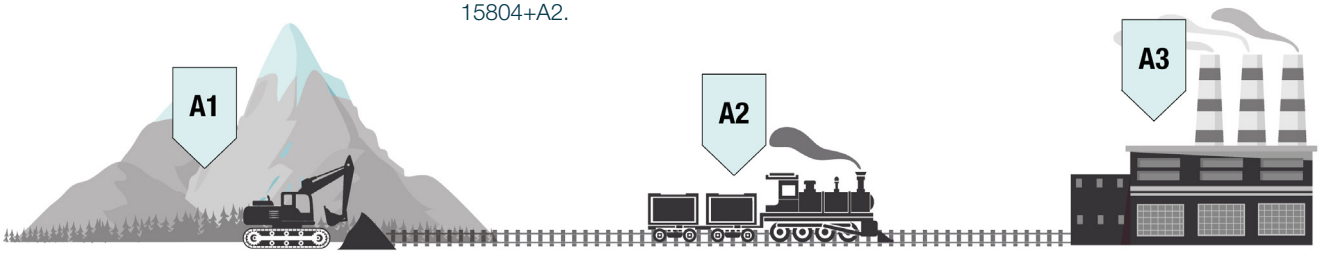

SYSTEM BOUNDARY

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

ENVIRONMENTAL PRODUCT DECLARATION

MANUFACTURER

Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2024

PRODUCT

Declared Product	Hollowcore 300
Product Range	Flooring
Place of Production	United Kingdom
Product Mass	0.407 T/m^2
GWP, A1-A3	79 Kg CO_2e per m^2
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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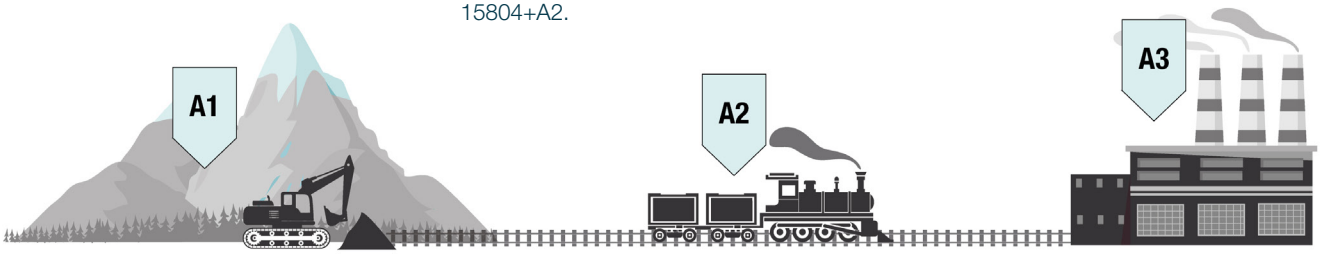

SYSTEM BOUNDARY

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

ENVIRONMENTAL PRODUCT DECLARATION

MANUFACTURER

Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2024

PRODUCT

Declared Product	Hollowcore 350
Product Range	Flooring
Place of Production	United Kingdom
Product Mass	0.450 T/m^2
GWP, A1-A3	87 Kg CO_2e per m^2
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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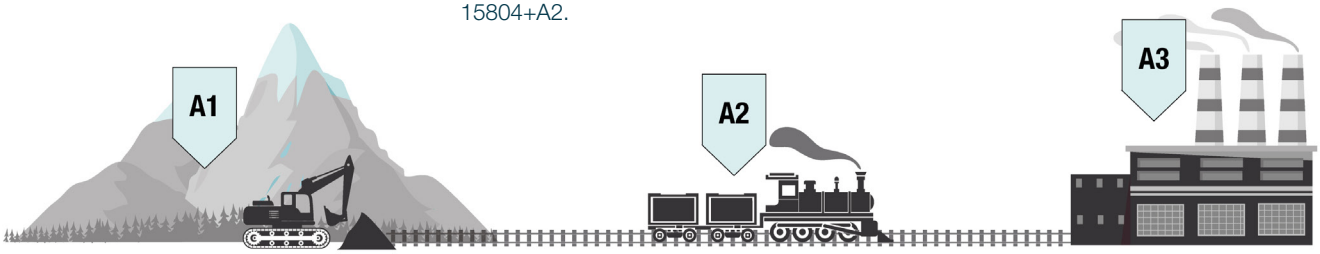

SYSTEM BOUNDARY

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

ENVIRONMENTAL PRODUCT DECLARATION

MANUFACTURER

Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2024

PRODUCT

Declared Product	Hollowcore 400
Product Range	Flooring
Place of Production	United Kingdom
Product Mass	0.486 T/m^2
GWP, A1-A3	94 Kg $C0_2e$ per m^2
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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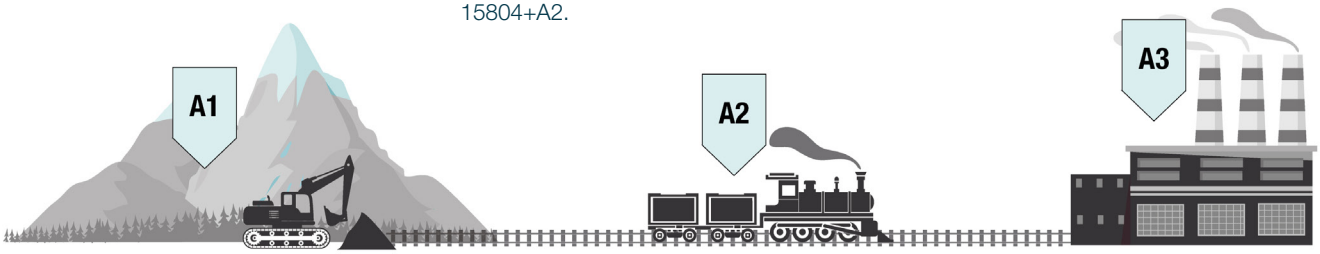

SYSTEM BOUNDARY

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

ENVIRONMENTAL PRODUCT DECLARATION

MANUFACTURER

Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2024

PRODUCT

Declared Product	Hollowcore 450
Product Range	Flooring
Place of Production	United Kingdom
Product Mass	0.546 T/m^2
GWP, A1-A3	106 Kg $C0_2e$ per m^2
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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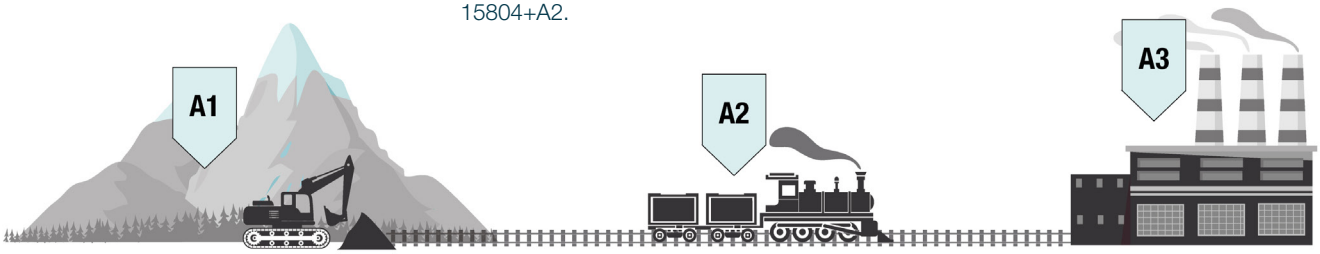

SYSTEM BOUNDARY

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X	X	X						Modules Not Declared										
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ENVIRONMENTAL PRODUCT DECLARATION

MANUFACTURER

Manufacturer	FP McCann
Address	3 Drumard Road, Knockloughrim
Website	fpmccann.co.uk
Period of Data	2024

PRODUCT

Declared Product	Hollowcore 500
Product Range	Flooring
Place of Production	United Kingdom
Product Mass	0.603 T/m^2
GWP, A1-A3	117 Kg CO_2e per m^2
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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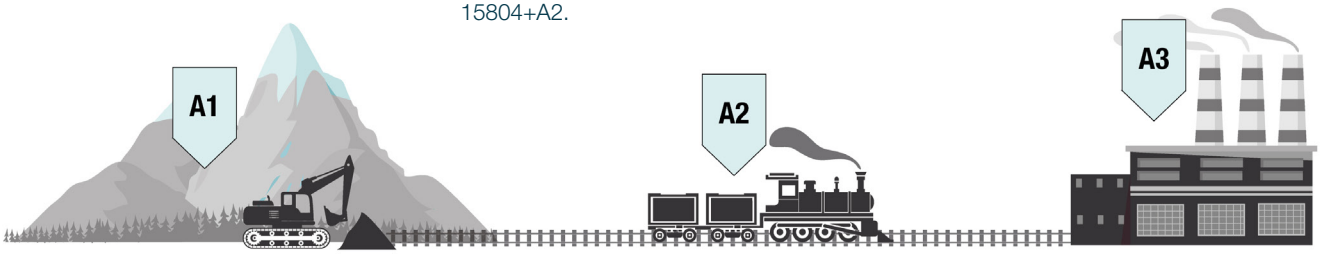

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A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D	D	D
X	X	X						Modules Not Declared										
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