

# Bitumen

Responsible Sourcing Performance Data 2022



Responsible Sourcing Topic		Indicator	Breedon Ireland - Bitumen	
			2022	2023 Target
<b>Breedon Ireland Policy Communication</b>		% Bitumen Plants audited showing evidence of policy communication	100%	100%
<b>Breedon Ireland Management Systems</b>		% Bitumen Plants with Certified Quality System	100%	100%
		% Bitumen Plants with Certified Environmental System	100%	100%
		% Bitumen Plants with Certified H&S System	100%	100%
<b>Supplier Management Systems</b>		% Suppliers with ISO14001/BES6001 (based on supplied tonnage)	100%	75%
		% Suppliers with ISO9001/BES6001 (based on supplied tonnage)	100%	75%
		% Suppliers with ISO45001/BES6001 (based on supplied tonnage)	100%	75%
<b>Greenhouse Gas Emissions</b>	<b>Greenhouse Gas Emissions (Bitumen/PMB)</b>	CO2 emission per t of Bitumen distributed/PMB produced (kg CO2/t) (On site process emissions only)	42.06	40
	<b>Energy Use (Bitumen/PMB)</b>	Energy usage per t of Bitumen distributed/PMB produced (kWh/t)	170.65	167.00
<b>Waste &amp; Recycling</b>	<b>Recycled Materials in Mix (PMB)</b>	Emulsion litres recycled per T of PMB produced (litres/t)	1.24	1.26
	<b>Recycled Materials in Mix (Bitumen)</b>	Bitumen litres recycled per T of Bitumen used (litres/t)	0.32	0.35
	<b>General Waste to Landfill</b>	Waste to Landfill (kgs of waste per tonne production)	0.23	0.21
<b>Water</b>	<b>Mains Water</b>	Mains water use per t of Bitumen/Emulsion produced (litres/t)	0.1	0.1
	<b>Recycled Water</b>	Borehole/Recycled water use per t of Bitumen/Emulsion produced (litres/t)	0.1	0.1
	<b>Abstracted Water</b>	% of water used from borehole/recycled	33%	35%
<b>Transport</b>		Associated tCO2e from delivery of materials	4466	4450
		Average kg CO2 from transport per t product	55	53
<b>Training</b>		Number of training hours / employee	6.84	8
		% of employees covered by UKAS certified ISO 9001/ ISO 14001/ ISO 45001 systems (Training & Competence sections)	100.00%	100.00%
<b>Incidents &amp; Complaints</b>		Number of environmental incidents	0	0
		Number of neighbour complaints	0	0
		Number of prosecutions	0	0
		LTI's per 1,000,000 hours worked (direct employees only)	0	0
<b>Stewardship and Community Engagement</b>		% of sites that provide support for local community charities and projects	100%	100%