

Asphalt

Responsible Sourcing Performance Data 2021-2023



Responsible Sourcing Topic		Indicator	Breedon Ireland - Asphalt		
			2022	2023 Target	
Breedon Ireland Policy Communication		% Asphalt Plants audited showing evidence of policy communication	100%	100%	
Breedon Ireland Management Systems		% Asphalt Plants with Certified Quality System	100%	100%	
		% Asphalt Plants with Certified Environmental System	100%	100%	
Supplier Management Systems		% Asphalt Plants with Certified H&S System	100%	100%	
		% Suppliers with ISO14001/BES6001 (based on supplied tonnage)	65%	68%	
		% Suppliers with ISO9001/BES6001 (based on supplied tonnage)	65%	68%	
Greenhouse Gas Emissions		% Suppliers with ISO45001/BES6001 (based on supplied tonnage)	60%	62%	
		Greenhouse Gas Emissions (Asphalt)	CO2 emission per t of Asphalt produced (kg CO2/t) (On site process emissions only)	29.61	26
		Energy Use (Asphalt)	Energy usage per t of Asphalt produced (kWh/t)	116.02	114.00
Waste & Recycling		Greenhouse Gas Emissions Savings	CO2 Saving through production of Warm Mix Asphalt as an alternative to Hot Mix Asphalt (kgCO2/t)	0.00%	0.00
		Warm Mix Production	% Warm Mix as a % of total production	0.00%	0.00
Water		Recycled Materials in Mix (Asphalt)	Recycled Asphalt Planings as % of base/regulating courses produced	13.47%	15%
		Recycled Materials in Mix (Asphalt)	Recycled/secondary aggregate use as a proportion of total aggregate use	0.49%	1.20%
		General Waste to Landfill	Waste to Landfill (kgs of waste per tonne production)	0.05	0.04
Water		Mains Water (Asphalt)	Mains water use per t of Asphalt produced (litres/t)	0.5	<0.5
		Recycled Water (Asphalt)	Recycled water use per t of Asphalt produced (litres/t)	0.0	0.0
		Abstracted Water (Asphalt)	Abstracted water use per t of Asphalt produced (litres/t)	0.0	0.0
Transport		Recycled Asphalt Production	% Recycled Asphalt Production	0.00%	0.00
		Average delivery miles per t Asphalt		1.25	1
		Average kg CO2 from transport per t product		1.55	1.45
		Average load per delivery (t)		18.67	19
		Average miles for delivery of Sand per t produced		0.16	0.14
		Average miles for delivery of Bitumen per t produced		0.12	0.1
		Average miles for delivery of Aggregate per t produced		0.33	0.28
Training		Average miles for delivery of Filler per t produced		0.05	0.04
		Average miles for delivery of Fibres per t produced		0.007	0.006
Incidents & Complaints		Number of training hours 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%
		Number of environmental incidents		0	0
		Number of neighbour complaints		2	0
Stewardship and Community Engagement		Number of prosecutions		0	0
		LTI's per 1,000,000 hours worked (direct employees only)		0	0
		% of sites that have or are linked to, Biodiversity Action Plans		42%	50%
Stewardship and Community Engagement		% of sites with Good Neighbour Plans		42%	50%
		% of sites that provide support for local community charities and projects		100%	100%