

Asphalt

Responsible Sourcing Performance Data 2024



Responsible Sourcing Topic		Indicator	Breedon Ireland - Asphalt	
			2023	2024 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%
		% Asphalt Plants with Certified H&S System	100%	100%
Supplier Management Systems		% Suppliers with ISO14001/BES6001 (based on supplied tonnage)	83%	90%
		% Suppliers with ISO9001/BES6001 (based on supplied tonnage)	83%	90%
		% Suppliers with ISO45001/BES6001 (based on supplied tonnage)	85%	90%
Greenhouse Gas Emissions	Greenhouse Gas Emissions (Asphalt)	CO2 emission per t of Asphalt produced (kg CO2/t) (On site process emissions only)	28.19	26
	Energy Use (Asphalt)	Energy usage per t of Asphalt produced (kWh/t)	110.83	108
	Greenhouse Gas Emissions Savings	CO2 Saving through production of Warm Mix Asphalt as an alternative to Hot Mix Asphalt (kgCO2/t)	0.00%	0
	Warm Mix Production	% Warm Mix as a % of total production	0.00%	0
Waste & Recycling	Recycled Materials in Mix (Asphalt)	Recycled Asphalt Planings as % of base/regulating courses produced	4%	15%
	Recycled Materials in Mix (Asphalt)	Recycled/secondary aggregate use as a proportion of total aggregate use	0.86%	1.20%
	General Waste to Landfill	Waste to Landfill (kgs of waste per tonne production)	0.03	>0.05

Water	Water (Asphalt)	Water use per t of Asphalt produced (m3/t)	0.16	0.15
Transport	Average delivery miles per t Asphalt	1.19	1	
	Average kg CO2 from transport per t product	1.28	1.45	
	Average load per delivery (t)	21.5	19	
	Average miles for delivery of Sand per t produced	0.12	0.1	
	Average miles for delivery of Bitumen per t produced	0.12	0.1	
	Average miles for delivery of Aggregate per t produced	0.42	0.28	
	Average miles for delivery of Filler per t produced	0.05	0.04	
	Average miles for delivery of Fibres per t produced	0.01	0.01	
Training	Number of training hours hours / employee	6	8	
	% of employees covered by UKAS certified ISO 9001/ ISO 14001/ ISO 45001 systems (Training & Competence sections)	100.00%	100.00%	
Incidents & Complaints	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	
Stewardship and Community Engagement	% of sites that have or are linked to, Biodiversity Action Plans	50%	60%	
	% of sites with Good Neighbour Plans	58%	60%	
	% of sites that provide support for local community charities and projects	100%	100%	