Bitumen

Responsible Sourcing Performance Data 2023

BREEDON IRELAND

Responsible Sourcing Topic		Indicator	Breedon Ireland - Bitumen	
			2023	**2024 Target**
Breedon Ireland Policy Communication		% Bitumen Plants audited showing evidence of policy communication	100%	100%
Breedon Ireland Management Systems		% 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%
Supplier Management Systems		% Suppliers with ISO14001/BES6001 (based on supplied tonnage)	100%	100%
		% Suppliers with ISO9001/BES6001 (based on supplied tonnage)	100%	100%
		% Suppliers with ISO45001/BES6001 (based on supplied tonnage)	100%	100%
Greenhouse Gas Emissions	**Greenhouse Gas Emissions (Bitumen)**	CO_2 emission per t of Bitumen produced (kg CO_2/t) (On site process emissions only)	44.35	40
	Energy Use (Bitumen)	Energy usage per t of Bitumen produced (kWh/t)	143.31	140
Waste & Recycling	**Recycled Materials in Mix (Bitumen)**	Emulsion litres recycled per T of PMB produced	1.15	1.26
	Recycled Materials in Mix (Asphalt)	Bitumen litres recycled per T of Bitumen used	0.33	0.35
	General Waste to Landfill	Waste to Landfill (kgs of waste per tonne production)	0.22	0.2

Water	**Mains Water (Bitumen)**	Mains water use per t of Bitumen/Emulsion produced (m3/t)	0.1	0.1
	Recycled Water (Bitumen)	Borehole/Recycled water use per t of Bitumen/Emulsion produced (m3/t)	0.2	0.1
	Abstracted Water (Bitumen)	% of water used from borehole/recycled	60%	65%
Transport		Associated tCO2e from delivery of materials	3959	3940
		Average kg CO2 from transport per t product	46	45
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 provide support for local community charities and projects	100%	100%