

Breedon Ireland - Concrete

Responsible Sourcing Performance Data 2019 - 2023



Responsible Sourcing Topic		Indicator	Breedon Ireland - Concrete	
			2022	2023 Target
Policy Communication		% Breedon Ireland Concrete audited showing evidence of policy communication	100%	100%
Management Systems		% Breedon Ireland Concrete sites with Certified Quality System	100%	100%
		% Breedon Ireland Concrete sites with Certified Environmental System	100%	100%
		% Breedon Ireland Concrete sites with Certified H&S System	100%	100%
		% suppliers with ISO140001/BES6001	94.0%	>95%
		% suppliers with ISO45001/BES6001	82.7%	>85%
Greenhouse Gas Emissions	Greenhouse Gas Emissions (Concrete and Blocks)	CO2 emission per t of Concrete produced kg CO2/t (On site process emissions only)	1.15	1.1
	Energy Use (Concrete and Blocks)	Energy usage per t of Concrete produced kWh/t	4.96	4.70
	Greenhouse Gas Emissions Savings	CO2 Saving through use of GGBS as an alternative to Cement (kgCO2/t)	18.47	20.00
Waste & Recycling	Recycled Materials in Mix (Concrete)	% Alternative Cement (e.g. GGBS/PFA) (as % of total cementitious)	21.46%	23%
	Recycled Materials in Mix (Concrete and Masonry Units)	% Crushed Rock Fines as an alternative to Dredged Sand (% of total sand used)	29.97%	30.50%
	Waste Disposed (Concrete)	Waste disposed per t of Concrete produced (as % of total production)	0.01%	<0.05%
	Reworked Concrete (Concrete)	Reworked Concrete per t of Concrete produced (as % of total production)	0.10%	0.20%
	Reworked Waste (Concrete)	Reworked Concrete as a % of total waste concrete	89.21%	90.00%
	Waste to Landfill	Waste to Landfill (kgs of waste per tonne production)	0.38	<0.4
Water	Recycled Water (Concrete)	Water reuse per t of Concrete produced litres/t (Ballystockart)	42.9	45.0
	Recycled Water (Masonry Units)	Water reuse (litres) per t Masonry Units	49.7	>50
	Abstracted Water (Concrete)	Abstracted water use per t of Concrete produced litres/t	27.7	25.0
Transport		Average miles per t Concrete	0.17	<0.19
		Average miles per t blocks	0.15	<0.5
		Average kg CO2 from transport per t product	0.28	0.25
		Average miles for delivery of GGBS per t produced	0.30	0.26
		Average miles for delivery of Cement per t produced	0.22	0.2
Training		Number of training hours / employee	12	15
Incidents & Complaints		Number of environmental incidents	0	0
		Number of neighbour complaints	2	0
		Number of prosecutions	0	0