

# Breedon Ireland - Concrete



## Responsible Sourcing Performance Data 2023

Responsible Sourcing Topic		Indicator	2023		2024 Target	
			2023	2024 Target	2023	2024 Target
Policy Communication		% Breedon Ireland Concrete audited showing evidence of policy communication	100%		100%	
Management Systems		% Breedon Ireland Concrete sites with Certified Quality System	92%		100%	
		% Breedon Ireland Concrete sites with Certified Environmental System	92%		100%	
		% Breedon Ireland Concrete sites with Certified H&S System	92%		100%	
		% suppliers with ISO140001/BES6001	93%		>95%	
		% suppliers with ISO45001/BES6001	92%		>95%	
Greenhouse Gas Emissions	Greenhouse Gas Emissions (Concrete and Blocks)	CO2 emission per t of Concrete produced kg CO2/t (On site process emissions only)	0.97		0.94	
	Energy Use (Concrete and Blocks)	Energy usage per t of Concrete produced kWh/t	4.33		4.25	
	Greenhouse Gas Emissions Savings	CO2 Saving through use of GGBS as an alternative to Cement (kgCO2/t) (NI)	4.83		5	
Waste & Recycling	Recycled Materials in Mix (Concrete)	% Alternative Cem1 (e.g. GGBS/CEM2) (as % of total cementitious)	65%		67%	
	Recycled Materials in Mix (Concrete and Masonry Units)	% Crushed Rock Fines as an alternative to Dredged Sand (% of total sand used)	45%		47.00%	
	Waste Disposed (Concrete)	Waste disposed per t of Concrete produced (as % of total production)	0.03%		0.01%	
	Reworked Concrete (Concrete)	Reworked Concrete per t of Concrete produced (as % of total production)	0.22%		0.25%	
	Reworked Waste (Concrete)	Reworked Concrete as a % of total waste concrete	88%		90%	
	Waste to Landfill	Waste to Landfill (kgs) per t of production	0.08		<0.4	
Water	Recycled Water (Concrete)	Water reuse per t of Concrete produced litres/t (Ballystockart)	43.7		45	
	Recycled Water (Masonry Units)	Water reuse (litres) per t Masonry Units	30		33	
	Abstracted Water (Concrete)	Abstracted water use per t of Concrete produced litres/t	47		45	
Transport		Average miles per t produced	0.26		0.23	
		Average kg CO2 from transport per t product	0.27		0.25	
		Average miles for delivery of GGBS per t produced	0.05		<0.05	
		Average miles for delivery of Cement per t produced	0.38		0.35	
Training		Number of training hours / employee	6		9	
Incidents		Number of environmental incidents	0		0	
		Number of prosecutions	0		0	
EcoProducts/ Sustainable Products sales		% Breedon Balance products of total sales	14%		16%	
		% Sustainable products of total sales	28%		30%	