

Whitemountain - Concrete

Responsible Sourcing Performance Data 2019 - 2021 YTD



Responsible Sourcing Topic	Indicator	Whitemountain - Concrete			
		2019	2020	2021 YTD (Q1)	2021 Target
Policy Communication	% Whitemountain Concrete audited showing evidence of policy communication	100%	100%	100%	100%
Management Systems	% Whitemountain Concrete sites with Certified Quality System	100%	100%	100%	100%
	% Whitemountain Concrete sites with Certified Environmental System	100%	100%	100%	100%
	% Whitemountain Concrete sites with Certified H&S System	100%	100%	100%	100%
Supplier Sourcing	% suppliers with Certified Quality System		90%	90%	>90%
	% suppliers with Certified Environmental System		80%	80%	>90%
	% suppliers with Certified H&S System		60%	60%	>80%
Greenhouse Gas Emissions (Concrete)	CO2 emission per m3 of Concrete produced kg CO2/m3 (On site process emissions only)	0.59	0.63	0.50	0.56
Greenhouse Gas Emissions (Masonry Units)	CO2 emission per '000 of blocks produced kg CO2/'000 (On site process emissions only)	19.87	22.64	25.79	21.26
Energy Use (Concrete)	Energy usage per m3 of Concrete produced kWh/m3	2.32	2.47	1.94	2.30
Energy Use (Masonry Units)	Energy usage per '000' Masonry Units produced (kWh/'000)	78.35	89.28	101.69	83.82
Greenhouse Gas Emissions Savings	CO2 Saving through use of GGBS as an alternative to Cement (kgCO2/m3)		18.03		
Recycled Materials in Mix (Concrete)	% Alternative Cement (e.g. GGBS/PFA) (as % of total cementitious)	6.34%	9.35%	9.39%	9.45%
Recycled Materials in Mix (Concrete and Masonry Units)	% Crushed Rock Fines as an alternative to Dredged Sand (% of total sand used)	29.97%	29.77%	29.92%	30.50%
Waste Disposed (Concrete)	Waste disposed per m3 of Concrete produced (as % of total production)	0.11%	0.13%	0.15%	0.12%
Reworked Concrete (Concrete)	Reworked Concrete per m3 of Concrete produced (as % of total production)	1.01%	0.89%	0.69%	
Reworked Waste (Concrete)	Reworked Concrete as a % of total waste concrete	90.07%	87.04%	81.95%	90.00%
Recycled Water (Concrete)	Water reuse per m3 of Concrete produced litres/m3 (Ballstockart)	105.48	103.99	93.80	104.0
Recycled Water (Masonry Units)	Water reuse (litres) per '000 Masonry		484.61	436.05	475.0
Abstracted Water (Concrete)	Abstracted water use per m3 of Concrete produced litres/m3	109.33	112.47	118.67	110.9
Transport	Average miles per m3		2.2	2.74	
	Average miles per '000 blocks		9.62	11.86	
	Average kg CO2e from transport per m3		4.24	5.20	
	Average miles for delivery of GGBS per m3 concrete produced	0.05	0.10	0.15	
	Average miles for delivery of Cement per m3 concrete produced	1.24	1.23	1.30	
Training	Number of training hours / employee	N/A	0.0	16	N/A
Incidents & Complaints	Number of environmental incidents	0	0	1	0
	Number of neighbour complaints	0	0	0	0
	Number of prosecutions	0	0	0	0