



## SUSTAINABILITY & RESPONSIBLE RESOURCING REPORT 2020

### Precast Concrete Blocks and Concrete Pavers

Sustainability Principle	Performance Indicator	Unit of Measure	Year	PLASMOR PERFORMANCE			SECTOR PERFORMANCE		BPCF	Target 2020
				Concrete Blocks (LW and Dense)	Concrete Blocks (Aerated)	Paving Blocks and Flags				
Climate change and energy	Energy used in production as a proportion of production output	kWh/tonne	2012	55.1	23.7	n/a	37.0	50.6	Reduce overall kWh/tonne of energy used in production by 10% against 2012 baseline	
			2013	45.2	20.2	256.6	36.4	47.8		
			2014	43.5	18.2	154.8	26.7	48.6		
			2015	44.2	18.0	228.0	32.4	47.8		
			2016	42.9	19.4	240.2	48.3	52.9		
			2017	48.4	25.5	239.1	43.0	53.7		
			2018	37.6	22.3	248.5	26.1	44.5		
			2019	38.6	25.5	199.8	20.6	41.2		
			2020	42.2						
	CO <sub>2</sub> emissions as a proportion of production output	kg CO <sub>2</sub> per tonne	2012	13.2	7.11	n/a	12.5	14.2	Reduce CO <sub>2</sub> /tonne emissions from production by 20% against 2012 baseline	
			2013	10.6	5.47	56.1	11.7	12.7		
			2014	10.5	5.43	35.1	8.9	12.9		
			2015	9.9	4.87	50.2	10.8	12.5		
			2016	9.5	4.96	50.9	12.8	12.9		
			2017	10.5	5.84	49.2	11.7	12.5		
			2018	8.0	5.10	46.5	6.7	10.0		
			2019	8.3	5.08	36.5	5.0	9.8		
			2020	8.5						
			Resource Use	% of additional cementitious materials as a proportion of total cementitious materials used (excluding quicklime)	%	2012	8.6	16.2		n/a
2013	7.8	19.4				37.4	31.3	18.8		
2014	6.1	13.8				5.4	25.1	16.6		
2015	7.7	n/a				n/a	n/a	15.9		
2016	12.6	n/a				n/a	n/a	14.0		
2017	11.9	n/a				n/a	n/a	18.1		
2018	22.1	n/a				n/a	n/a	21.0		
2019	24.4	n/a				n/a	n/a	18.6		
2020	31.3									
Recycled/secondary aggregate use as a proportion of total aggregate used	%	2012		53.4	20.6	n/a	0.7	20.3	Minimum 25%	
		2013		54.1	26.4	84.2	3.7	20.7		
		2014		47.8	24.4	99.5	4.9	22.3		
		2015		41.0	21.3	100	5.6	19.0		
		2016		34.6	21.3	99.2	5.8	21.8		
		2017		20.2	16.0	100	3.0	20.9		
		2018		12.6	13.8	85.0	1.4	15.2		
		2019		13.7	10.4	79.4	1.8	12.6		
		2020		14.3						



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				Concrete Blocks (LW and Dense)	Concrete Blocks (Aerated)	Paving Blocks and Flags				
Water	Mains water use as a proportion of production output	litres per tonne	2012	62.6	47.3	n/a	68.8	84.5	Reduce mains water use by 20% against 2012	
			2013	71.4	44.8	356.3	55.1	83.7		
			2014	70.2	40.5	258.4	66.7	92.6		
			2015	74.3	62.0	379.2	61.9	93.2		
			2016	50.0	37.8	323.5	60.6	76.8		
			2017	39.5	34.7	338.6	57.33	79.7		
			2018	46.5	37.0	375.1	62.7	71.7		
			2019	40.9	35.4	299.6	39.9	68.6		
			2020	48.4						
			Waste Management	Factory waste as a proportion of production output	kg/tonne	2012	19.0	33.3		n/a
2013	17.7	10.1				51.3	28.1	26.5		
2014	27.6	14.5				68.0	55.2	33.8		
2015	12.3	17.0				46.3	50.6	39.3		
2016	11.6	15.7				38.4	43.7	33.1		
2017	16.3	14.0				68.8	44.5	30.5		
2018	17.5	19.1				49.9	56.2	32.0		
2019	18.5	24.5				8.7	5.4	19.7		
2020	17.9									
Waste to landfill as a proportion of production output	kg/tonne	2012				0.14	0.44	n/a	4.04	1.76
		2013		0.11	0.28	0.07	1.68	1.00		
		2014		0.08	0.31	0.05	1.61	0.73		
		2015		0.10	0.38	0.07	0.37	0.48		
		2016		0.03	0.17	0.06	0.19	0.30		
		2017		0.07	0.09	0.06	0.22	0.25		
		2018		0.03	0.06	0.01	0.39	0.25		
		2019		0.03	0.08	0.04	0.30	0.31		
2020	0.04									
Transport Impacts	All Plasmor Transport	To be determined	Telemetrics introduced to improve data capture					Improve data capture (target to be set - 2016)		
Management Systems	QUALITY Tonnage production covered by ISO 9001	%	2012	100	87.5	n/a	100	90.7	95%	
			2013	100	76.2	97.5	99.4	91.0		
			2014	100	83.7	97.1	100	90.0		
			2015	100	75.2	97.2	99.2	87.3		
			2016	100	74.2	95.8	99.2	86.0		
			2017	100	92.3	95.3	99.0	96.0		
			2018	100	92.6	95.3	99.1	93.0		
			2019	100	92.1	96.1	99.2	95.1		
			2020	100						



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				Concrete Blocks (LW and Dense)	Concrete Blocks (Aerated)	Paving Blocks and Flags			
	Sites covered by ISO 9001	%	2012	100	87.5	n/a	100	90.9	95%
			2013	100	69.6	87.5	96.1	85.1	
			2014	100	62.6	87.5	100	80.6	
			2015	100	66.0	87.5	96.4	83.0	
			2016	100	66.7	87.5	96.3	84.1	
			2017	100	89.8	87.5	94.7	92.0	
			2018	100	91.3	88.9	94.1	95.9	
			2019	100	86.0	83.3	94.4	90.1	
			2020	100					
	Tonnage production covered by ISO 14001 or BS 8555	%	2012	100	92.6	n/a	97.5	88.3	
			2013	100	84.2	100	97.2	84.5	
			2014	100	87.0	100	100	83.4	
			2015	100	91.2	100	100	90.9	
			2016	100	89.8	100	100	88.5	
			2017	100	94.3	100	100	91.4	
			2018	100	94.4	100	90.8	90.0	
			2019	100	96.7	100	100	97.8	
			2020	100					
	Sites covered by ISO 14001 or BS 8555	%	2012	100	91.7	n/a	92.3	81.1	95%
			2013	100	77.1	100	94.6	75.7	
			2014	100	80.2	100	100	74.0	
			2015	100	87.0	100	100	86.3	
			2016	100	85.1	100	100	86.6	
			2017	100	91.9	100	100	87.9	
			2018	100	91.4	100	88.2	89.6	
			2019	100	91.2	100	100	91.0	
			2020	100					
	RESPONSIBLE SOURCING OF MATERIALS								
	Tonnage production covered by BES 6001	%	2012	0	69.5	n/a	99.9	71.1	95%
			2013	100	69.5	94.7	98.5	74.1	
			2014	100	76.2	94.9	99.1	73.3	
			2015	100	72.3	97.2	99.1	78.3	
			2016	100	67.1	95.8	99.2	70.3	
			2017	100	76.9	95.3	99.0	77.5	
			2018	100	82.0	95.3	89.9	76.0	
			2019	100	86.1	96.1	99.2	82.1	
			2020	100					



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				Concrete Blocks (LW and Dense)	Concrete Blocks (Aerated)	Paving Blocks and Flags				
	Sites covered by BES 6001	%	2012	100	77.1	n/a	94.4	63.5	95%	
			2013	100	54.7	75.0	96.8	57.6		
			2014	100	71.7	87.5	96.4	62.6		
			2015	100	66.0	87.5	96.4	62.6		
			2016	100	58.8	87.5	96.3	62.6		
			2017	100	77.6	87.5	95.0	67.4		
			2018	100	75.8	88.9	82.4	66.1		
			2019	100	79.0	83.3	94.4	66.4		
			2020	100						
Employment and skills	% of employees covered by UKAS certified 9001/14001/18001 (Training and Competence)	%	2012	94.0	83.4	n/a	99.2	98.5		100%
			2013	94.0	86.6	100	98.8	93.2		
			2014	94.0	100	100	100	97.0		
			2015	100	96.5	100	100	98.1		
			2016	100	96.4	100	100	98.8		
			2017	100	98.7	100	100	97.1		
			2018	100	97.6	100	100	99.2		
			2019	100	96.2	100	100	97.7		
			2020	100						
Local Community	% of sites with action plans for community liaison activities	%	2012	0	60.4	n/a	44.6	40.5	100%	
			2013	0	20.7	25.0	64.3	38.3		
			2014	0	22.0	25.0	35.7	32.1		
			2015	0	10.4	50.0	35.7	27.3		
			2016	0	9.1	33.3	55.6	30.6		
			2017	0	8.2	28.6	84.2	31.0		
			2018	0	8.8	25.0	35.2	22.9		
			2019	0	16.1	80.0	61.1	32.8		
			2020	0						
Complaints & prosecutions	Local Community Complaints	Number per year	2012	3						Zero
			2013	0	n/a	n/a	n/a	n/a		
			2014	1						
			2015	3						
			2016	1						
			2017	5						
			2018	7						
			2019	6						
			2020	1						
	Convictions for air and water emissions per year	Number per year	2012	0				0	Zero	
			2013	0	n/a	n/a	n/a	0		
			2014	0				0		
			2015	0				0		
			2016	0				0		
			2017	0				0		
			2018	0				0		
			2019	0				0		
			2020	0				0		