

## SUSTAINABILITY & RESPONSIBLE SOURCING

### ANNUAL REPORT FOR 2020

Brett Concrete, a leading supplier of ready mixed concrete, traditional & flowing screed in the South East, is committed to continuously improving social, economic and environmental standards by:

- ❖ providing responsibly sourced materials
- ❖ reducing green house gas emissions
- ❖ protecting the environment and natural resources
- ❖ creating sustainable communities

All our production units and offices are externally certified to BS EN ISO 9001 – Quality Management Systems and BS EN ISO 14001 – Environmental Management Systems and the business operates an integrated management system embracing quality, health, safety, environment and sustainability. Brett Concrete is also externally certified to BES 6001 – Framework Standard for the Responsible Sourcing of Construction Products administered by the Building Research Establishment.

Through the introduction of specific policies, measures and targets and by proactively engaging with our stakeholders, Brett Concrete aims to improve the sustainability performance across all aspects of its business. To achieve this outcome we will:

- ❖ work closely with our suppliers to encourage the responsible sourcing of materials throughout the supply chain and ensure all relevant standards and best practices are maintained
- ❖ reduce green house gas emissions by improving the energy efficiency of all plant and equipment and effectively managing our transportation needs
- ❖ minimise environmental impacts by reducing waste generated from the production process, using secondary materials where appropriate and conserving natural resources by efficient recycling
- ❖ maintain the highest standards of health and safety throughout the workplace and provide training, instruction and supervision to ensure all employees are competent and fully aware of their responsibilities
- ❖ be a good neighbour and build trustworthy relationships with our customers, regulatory bodies, relevant authorities and the local community

Brett Concrete is also actively involved in the Resource Energy Action Plan (REAP), an initiative created by the Sustainable Concrete Forum in partnership with WRAP, BRE and BRMCA to deliver improved resource efficiency across the ready mixed concrete sector's supply chain.

The data in the following tables has been collated in accordance with the requirements of the Concrete Industry Sustainable Construction Performance Indicators and Targets. Specific improvement targets, where appropriate, are established annually by the business based on the previous year's performance.

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TABLE 1 – Performance Data

Sustainability Principle	Concrete Industry Sustainable Construction Performance Indicators	Brett Concrete Performance Data 2020	Brett Concrete Targets 2021	Concrete Industry Sustainable Construction Targets 2021
<b>Environmental Management</b>	% of production sites covered by an Environmental Management System	100 % via CPC	Maintain level at 100 %	Not yet agreed
<b>Emissions (excluding CO<sub>2</sub>)</b>	Number of convictions for air and water emissions per annum	Zero	Maintain level at zero	Zero
<b>Stakeholder Engagement</b>	<i>The justification for an industry wide measure continues to be evaluated for future reporting</i>	N/A	N/A	N/A
<b>Quality and Performance</b>	% of production sites covered by a certified ISO 9001 Quality Management System	100 % via QSRMC	Maintain level at 100 %	Not yet agreed
<b>Responsible Sourcing</b>	% of production certified to BES 6001	100 % via CPC	Maintain level at 100 %	Not yet agreed
<b>Energy Efficiency</b>	Kilowatt hours of energy used in production as a proportion of production output (kWh per tonne)	2.50	Not to exceed 2.80kWh/tonne	Not yet agreed
<b>CO<sub>2</sub> Emissions (Production)</b>	CO <sub>2</sub> emissions as a proportion of production output (kg CO <sub>2</sub> per tonne)	0.84	Reduce to 0.82 kg	Not yet agreed
<b>CO<sub>2</sub> Emissions (Transport)</b>	Average delivery distance travelled per tonne (from factory gate to customer and return journey) km/tonne	1.82	Not to exceed 3.25 kg	Not yet agreed
	Tonnes (%) moved by three modes: road	100%		
	rail	0%		
	Inland barge	0%		
	Average load size (m <sup>3</sup> and tonnes)	6.04 14.37		
	CO <sub>2</sub> emissions as a proportion of production output (kg CO <sub>2</sub> per tonne)	3.25		
<b>Waste Minimisation</b>	Waste to landfill as a proportion of production output (kg per tonne)	0.151 kg per tonne	Reduce to 0.149 kg per tonne	Not yet agreed

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Table 1 – Performance Data (cont)

Sustainability Principle	Concrete Industry Sustainable Construction Performance Indicators	Brett Concrete Performance Data 2020	Brett Concrete Targets 2021	Concrete Industry Sustainable Construction Targets 2021
<b>Materials Efficiency</b>	% of additional cementitious materials (GGBS, fly ash, etc) as a proportion of total cementitious materials used	40.12	To exceed 35 % by 2020	Yet to be decided
	Recycled / secondary aggregates as a proportion of total aggregates used	0.00%	Use if sustainable benefit is proven	No targets have been set as increasing recycled content is not always indicative of sustainable performance
<b>Water</b>	Mains water consumption as a proportion of production output (litres per tonne)	54.2 litres per tonne	Target not to exceed 52.4 litres per tonne (mains)	The current water strategy programme remains under review
	Controlled water (Borehole) consumption as a proportion of production output (litres per tonne)	18.6 litres per tonne		
<b>Site Stewardship and Biodiversity</b>	% of relevant production sites that have site specific action plans	100%	Maintain level at 100 %	100%
<b>Health &amp; Safety</b>	Lost time injuries for direct employees per 1 million hours worked	7.32 per 1 million hours (1 actual)	Zero	From 2014 to 2019 reduce lost time incidents by 65% aim of zero harm
<b>Employment and Skills</b>	% of employees covered by training and evaluation process	100%	Maintain level at 100 %	100%
<b>Local Community</b>	% of relevant sites that have community liaison activities	100%	Maintain level at 100 % (where applicable)	100%

N.B, Conversions factors used in calculations are taken from Defra conversions factors 2020.

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### Supplementary information relating to Performance Indicators and Targets

#### CO<sub>2</sub> Emissions (Transport)

- In an effort to further reduce the emissions of CO<sub>2</sub> and other harmful gases such as nitrous oxide from our own delivery transport, all new vehicles are purchased with fuel-efficient automatic gear boxes (as opposed to manual) and Euro VI compliant engines. Additionally, 95.2% of our delivery vehicles now comprise 8 m<sup>3</sup> mixer drums.

#### CO<sub>2</sub> Emissions (Transport) - continued

- Brett Concrete is a Champion of CLOCS (Construction Logistics and Cycle Safety) – a construction industry-led initiative set up to protect vulnerable road users.

#### Waste Minimisation

- Brett Concrete has already achieved the reduction in “waste to landfill” target of 0.5 kg per tonne set by the Concrete Industry Sustainable Construction Strategy for 2020. Very significant progress has been made since reporting and measurements started as we actively encourage all staff to reduce, re-use and recycle waste in all forms wherever possible. The reporting of sustainability data is carried out via our “Measuring Up” system.

#### Employment and Skills

- All relevant Brett Concrete staff have either achieved or are engaged in achieving competence qualifications appropriate to their operational responsibilities and duties. Enrolment commences on completion of a satisfactory probationary period. Qualifications (QCF's / RQF's) are determined in accordance with the requirements of the Mineral Products Association “Safer by Competence” scheme operated in conjunction with the Mineral Products Qualifications Council.
- Training and development of all permanent staff is assessed at Performance and Development reviews held annually in conjunction with the respective line managers. Objectives, performance, personal development and career aspirations through appropriate training, diversity and inclusion are discussed and agreed. Mid-term, interim reviews are carried out to check progress.

#### Local Community

- Brett Concrete records all internal and external environmental and community incidents (including complaints) via the Brett Group Incident Reporting database (IFS). All incidents are investigated, corrective and preventive action is then taken as deemed necessary.
- During 2020, only 2 external complaints were received which were dealt with promptly and efficiently to the satisfaction of the respective members of the community.
- Brett Concrete is a subsidiary of the parent company, Robert Brett and Sons, a Kent based family-owned construction materials business which in 2019 reached the milestone of having traded for 110 years. The Brett group actively encourages the use of local suppliers and labour wherever practical and possible.

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### 2020 Performance commentary:

Ready mixed concrete production in our area of operation was obviously affected by the Covid 19 pandemic which caused reduced production activity during the initial lockdown period and whilst this progressively improved the level remained below original expectations pre pandemic. The lower level of production volume has had an effect on the various metrics that are analysed against the CISC target values.

**LTIFR:** our LTIFR rate unfortunately increase during 2020 due to 1 injury.

**Energy efficiency:** This indicator increased above the 2019 value. This is largely due to production volume reducing during and after the Covid pandemic lockdown periods causing increased energy usage.

**CO<sub>2</sub> emissions (Production):** this measure increased against our 2019 figure for similar reasons to energy efficiency.

**CO<sub>2</sub> emissions (Transport):** this measure failed to achieve our improvement target and increased above the 2019 figure. This reflects market conditions and the travelling distances required to deliver to customer sites during the year

**Waste minimisation:** our waste to landfill figure of 0.151kg/tonne was well below the CISC 2020 target of 0.5kg/tonne. Packaging waste and pallets from various watertight concrete system products increasing in supplied volume contribute significantly to this figure.

**Mains water consumption:** we consumed more water per tonne in 2020 than we did in 2019 but again this was affected by the lower volume of production due to the Covid pandemic.

**Materials efficiency:** our percentage of additional cementitious materials exceeded the CISC target of 35% by 2020 at 40.1%.

The effect of the Covid virus during 2020 has required that all our target values have been re-evaluated based on 2021 results year to date (May).

**TABLE 2 – Supplementary Transport Data for Constituent Materials**

Sustainability Principle	Constituent Material Delivery Details	Brett Concrete Performance Data 2020
<b>CO<sub>2</sub> Emissions (Transport)</b>	Delivery distance travelled per tonne (from supplier to Brett Concrete) as a proportion of total usage (km per tonne)	1.42 km per tonne (road) 0.24 km per tonne (sea)
	Tonnes moved split by three modes: road, rail, sea	80.38% (road) 19.62% (sea)
	Average load for each mode (tonnes)	30.00 tonnes (road) 3865 tonnes (sea)
	CO <sub>2</sub> emissions as a proportion of production output (kg CO <sub>2</sub> per tonne)	1.26 kg per tonne