

paragon  
envirometrics



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## Paragon Culture

The Environmental culture in relation to energy efficiency and waste is “reduce, recycle, reuse”, using raw material from sustainable sources / with recycled content where ever possible

Employees are actively involved in setting & monitoring the achievement of environmental objectives and targets.

## Factory Emissions to atmosphere

Air emissions to atmosphere from the production process are independently monitored for impacts on the environment, recent analysis confirming that the actual emissions were less than 4% of local government targets.

Factory activities & production processes, and their impacts on the Environment, are regularly audited by Environmental Health Officers, and have been confirmed as a ‘low risk category’

British Standards regularly audit the Environmental & Quality Management Systems to ensure continued compliance to accredited standards and to demonstrate continuous improvement

BreGlobal regularly audit the Environmental Profile of certified products (BREEAM) confirming continued certification

Production & Energy data is regularly submitted to the SEA to ensure the Climate Change Levy Carbon management targets are met

## Water

Our production processes are not dependent on the supply of water therefore water use is negligible. (95% of our consumption considered by Yorkshire Water as being used for recreational facilities).



100% of our general waste is either recycled or used as RDF

## Waste

Cardboard & plasticare both are segregated & recycled. The Paragon culture has been promoted over years within the business to raise awareness in relation to energy efficiency. This culture views waste in a “reduce, recycle, reuse” focus, using raw material from sustainable sources/with recycled content where ever possible. Employees are actively involved. The yarn and cardboard tubes are segregated and recycled. Successful trials within Paragon have shown that all of our waste is recycled or reused in setting & monitoring the achievement of environmental objectives and targets.

Waste streams are segregated and recycled (wherever possible) or reused, resulting in a ‘zero landfill’ policy

Yarn waste, cardboard & plastics are recycled

Latex effluent is recycled in a ‘waste to land’ composting program

General waste (which is not considered recyclable) is used as a fossil fuel replacement in an ‘RDF – Refuse Derived Fuel’ program

It would also be possible to process ‘end of life’ tiles through the RDF program

## Latex Waste

Paragon latex is used in a ‘recycling waste to land’ program, where waste is viewed as an asset not a liability. The ‘recycling waste to land’ program uses the waste in a composting process that does not produce any greenhouse gases (no impact on global warming) and locks up Carbon in the soil improving both the soil structure and fertility ready for growing crops.

## General Waste

Nothing is sent to landfill – the general waste is sorted, extracting those components that can be recycled, the remaining waste is then incinerated using it as fuel for power stations.

## Management Systems/Accreditations

BS EN ISO 14001:2004 Environmental Management System

BS EN ISO 9001:2008 Quality Management System

BREEAM (BreGlobal) Environmentally Profiled products

SEA membership (Department of Energy Climate Change Levy scheme)