



# Sustainability

## IBstock building sustainability

Sustainability is at the core of our strategy. As the UK's leading brickmaker we are very aware of the impact our operations and products can have on the environment and communities in which we operate. Our aims are to:

- Continue to work with local communities.
- Achieve zero workplace accidents.
- Increase the amount of recovered water we use.
- Use our resources in the most efficient manner possible to reduce waste.
- Reduce the amount of energy we use by improved process control.
- Continue to investigate alternative sustainable forms of energy including syngas & wind power.

4 An IBstock supported community tree planting project to create a new area of biodiversity ahead of mineral extraction at Dorket Head.





Richard Bonington Woodlands: New natural habitats created by Istock around the quarry at Dorket Head factory to support local ecosystems and enhance the surrounding landscape.

# Sustainability... the Istock Way

## Social progress

- Our manufacturing network enables more products to be delivered locally.
- We provide high levels of skill and stable employment within communities.
- We support local, often rural, communities and are the biggest employer in some areas.
- We support local contractors and source local materials where possible.
- We have an active corporate social responsibility programme including social welfare programmes.
- We sponsor many local clubs and societies.
- We support Greensource by recycling print & toner cartridges.
- We financially support community projects through the Istock Cory Environmental Trust under the Landfill Tax Credit Scheme.

## Economic growth

- We maintain our established policy of investment in high efficiency/low carbon technologies. Chesterton, the new Istock factory and one of the largest investments in the Potteries ceramics industry for over a decade, is setting world-beating standards for sustainability and energy efficiency.
- We have and continue to heavily invest in energy efficient projects.
- We publish an annual environmental report available on our website.
- We partner several university research projects including the development of alternative energy sources.



Improving manufacturing efficiency at Chesterton.



# Sustainability... the Istock Way

## The Environment

- All our manufacturing units source their materials responsibly and are certified to BES 6001.
- All our manufacturing units are independently verified and registered with CICS to ISO 14001, the International Environmental Standard and ISO 9001, the International Quality Standard.
- Our bricks, on average, travel only 62 miles reducing traffic congestion, vehicle emissions and fuel usage.
- We undertake pro-active research in environmental technology which has included fluorine reduction at our Leicester factory.
- We have on-going continuous improvement programmes at all our factories with benchmarking of key performance improvement indicators.
- We are the first brickmaker to achieve ISO 50001, the new standard for energy management.

## Natural Resources

- We operate some of the most energy efficient factories in Europe with proven energy reduction year-on-year.
- On average our products contain 12% re-cycled secondary or waste material, extending the use of valuable clay resources.
- Water, a key commodity in brickmaking, is recovered and re-cycled wherever possible. Over 40% of all water used is recovered water.
- All process waste up to the kiln-firing stage is re-cycled.
- 13.6MW of electricity is generated from Landfill gas on our sites, enough to power 17,000 homes.
- Raw materials are sourced responsibly, with full restoration of our clay extraction sites, which are often used for the creation of local amenities.





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## The Code for Sustainable Homes, BREEAM, BRE Green Guide & BES 6001

The code for Sustainable Homes was introduced to create a step-change in sustainable homes building practice.

Within the code, building materials and their environmental impact constitute one of the design categories against which the sustainability of a house is measured.

BREEAM is an environmental assessment method by which new buildings are assessed against set criteria providing an overall score. Materials for these assessments are

sourced through information obtained from BRE's "Green Guide". External wall specifications, when assessed in conjunction with this guide, are given a points rating from "A+" to "E". All brick cladding specifications listed in the Green Guide achieve the highest (A+) rating.

Being certified under BES 6001, using Ibstock products with a "Very Good" rating, generates extra points to an assessment under the Code for Sustainable Homes.

