

IBSTOCK BRICKS- BUILDING SUSTAINABILITY

When you choose bricks from Ibstock you are demonstrating your commitment to the environment – not just for today but for generations to come.

Ibstock fully meets the 4 criteria for a sustainable business laid out in the Government's environmental strategy, the Bruntland Commission Report of 2002:

- Social progress that meets the needs of everyone
- Protection of the environment
- Prudent use of natural resources
- Maintenance of stable economic growth

Any 'sustainability' statements must address all 4 criteria.

Ibstock is the **only** brick-maker to publish full and transparent 'warts and all' annual environmental reports since 1999.

These (and lots of other environmental info) can all be downloaded from **www.ibstock.com**



- ✓ In a climate facing increasing extremes of temperature and weather due to global warming, our bricks add to the thermal mass of a building helping to ensure that homes clad with Ibstock bricks will remain comfortable without the need for air conditioning.
- ✓ Our bricks are extremely low maintenance and do not require repairing or regular treating with preservatives.
- ✓ Our bricks provide protection against the extremes of a changing climate – resisting wind and flood damage as well as insect attack, which will be a problem in future decades.
- ✓ Our bricks are made from natural fired clay, have the choice of over 350 colour and texture options and look beautiful throughout their lifetime.
- ✓ Buildings using our bricks are easy to adapt to future needs.
- ✓ With 23 factories across the country our bricks typically travel just 80 miles from where they are made to where they are used. That reduces traffic congestion and vehicle emissions. Ibstock run a significant number of hybrid and low emission vehicles. Our major haulage contractor (responsible for over two thirds of our transport) uses at least 10% Bio-diesel.
- ✓ Our bricks produce almost no waste. Less than 100g (4oz) per m² is produced during manufacture and this is mostly packaging on purchased materials. They also produce typically less than 3% waste in construction and use.
- ✓ Almost 40% of the water used to make our bricks is recovered 'surface' water and not from drinking quality mains supply, protecting this value resource.
- ✓ We put some carefully selected waste and recycled materials to good use, on average over the range our bricks incorporate about 12% of recycled materials (including water). This helps to divert waste away from landfill – fulfilling a key Government environmental objective.
- ✓ Our fossil fuel generated CO₂ emissions are reducing, over the last 5 years we have saved at least 5% of energy per 1000 bricks. Our clay bricks are now responsible for only 28 kgs of CO₂ per m² of masonry and delivery adds only a further 1 kg per m².
- ✓ Ibstock is part of a consortium that now generates sufficient electricity from landfill gas (a non fossil fuel) to power almost 10 000 homes. Additionally methane released from landfills would be some 20 times more damaging to the environment if not burnt and used in this way.
- ✓ All of our factories operate to ISO 14001, the International Environmental Management Standard. Ibstock is the only multi site brick-maker to have all of its production (squares, specials, cut & bond etc) in all quality grades covered by ISO 14001.
- ✓ The BRE Green Guide, third edition, gives all brick claddings the highest 'A' rating with the longest life expectancy of all external claddings.
- ✓ Ibstock have invested over £55m in efficiency improvements over the past 5 years.

Ibstock bricks are the specifiers' first choice for environmental buildings from BedZed and BowZed to the UK's first 'zero heating carbon' housing scheme.

For further help and information on sustainability or environmental matters contact us via the Sustainability Helpline number 0115 971 6860