Quality assurance

The popularity of stone is undeniable, it is both attractive and durable, exuding a sense of luxury and status wherever it is used. It is a low maintenance building material with a high thermal mass making it very useful and appealing in today's energy conscious world.

To determine the quality of a specific stone and its suitability for particular applications, an organisation known as BRE (Building Research Establishment) regularly test and evaluate samples for the benefit of specifiers and architects.

Click on the following links to download our most recent test results in PDF format:

Clipsham Hooby Lane Bed #1

Clipsham Hooby Lane Bed #2

Lincolnshire Limestone

Ancaster Limestone

A Comparison of the Environmental Impact of Various Building Materials

The summary of a study researched and compiled by Andrew Carpe of Hughes Craven on behalf of Goldholme Stone Ltd.

Introduction

Different construction materials have widely variable environmental impacts in terms of their manufacture, use in service and potential for re-use at the end of the building's life. Many attempts have been made to quantify these impacts on a scientific basis, but the variables and the weighting attributed to their impacts are subject to debate.

Environmental Impact

The study, researched and complied by independent environmental assessment consultant Hughes Craven (www.hughes-craven.co.uk), compares five construction materials to Goldholme Stone's Natural Stone. To produce a simple but scientifically sound comparison Clay Brick, Reconstituted Stone, Timber Cladding, Glass/Steel, Plastic Cladding and Goldholme Stone's Natural Stone have been assessed and ranked for the following environmental impacts:-

- Energy in manufacture
- Pollutants emitted
- Waste in production
- Impact of processing plant
- Life of product
- Maintenance in service
- Carbon dioxide footprint
- Recycling potential

Conclusion

Goldholme Stone's natural stone is ranked at No. 1 for six of the eight environmental impacts listed above, and No. 2 for the remaining two. The study also shows that overall Goldholme Stone's Natural Stone has the lowest environmental impact score of the six materials assessed. With a score of 42 it is less than half the overall environmental impact of the next best material, clay brick which scored 91, and more than three times lower than reconstituted stone which is ranked third with a score of 141.

A Word of Caution

Environmentally conscious specifiers and clients should be aware that only Goldholme Stone's Natural Stone was assessed for this study. Halletec Associates examined our extraction methods, processing facilities and the technical data of our limestones in detail. For example, the fact that we never use any form of explosives to extract our stone was taken into consideration for the 'Impact of Processing Plant'. While the specific geological characteristics of our limestones was used to assess the 'Energy in Manufacture'. Therefore, the results of this study are only applicable to Goldholme Stone's range of natural stone.

How important is the environmental impact of the materials selected for your project?

If you want the materials used on your building to have the minimum environmental impact, talk to Goldholme Stone. Full range of samples now available.

Our Pledge

To further underline our commitment to helping safeguard our planet's future, we promise that 10 new trees will be planted by one of our sister companies, for every lorry load of stone we deliver.

Since 2005, trees and shrubs have been planted at the following locations; Rutland Water, Preston Rutland, Methwold Hythe Norfolk, Gresham Norfolk, East Bridgford Nottinghamshire, Keyham Leicestershire, Lanhill Wiltshire, Little Tew Oxfordshire, Atlow Derbyshire, Barnack Cambridgeshire and Veryan Cornwall.

Subject to quantity, our clients can even specify the location of the trees and shrubs. Giving you a constant reminder of your decision to minimise the environmental impact of the materials selected for your project.