

# Sustainability

Alumasc actively pursues sustainability in the full range of products and systems the company offers through its accreditation to the ISO14001:2004 Environmental Management Standard. Alumasc, its partners and its suppliers are committed to putting consideration for the built and wider environment at the core of all aspects of their current business and future development.

Alumasc's commitment to providing long-term, sustainable solutions is directed towards a number of key areas:

## ISO 14001:2004 Environmental Management System

Alumasc and their customers have benefited from a commitment under ISO14001 to improving manufacturing processes with the commissioning of a 'state of the art' powder coating plant. As well as achieving greatly improved lead times, flexibility and consistently high quality for their Rainwater and Drainage products, the environmental benefits of this investment included reduced metal waste, water and energy savings and a safer working environment for employees. Continual independent environmental auditing of processes, procedures and supply chains also ensures Alumasc are able to extend this supply of sustainable solutions across their whole range of products.

## BREEAM & The Code for Sustainable Homes

In addition to their high points rating, Alumasc ZinCo Green Roofs make an unrivalled contribution to urban biodiversity and ecological protection. Not only do green roofs help to absorb environmental pollution and enhance local climates, their inclusion in rainwater harvesting and sustainable drainage schemes increases their already significant Eco points rating making Code level 6 or 'Excellent' BREEAM building rating eminently achievable.

Alumasc Cork insulation and Aluminium are amongst the Alumasc range of natural renewable and truly recyclable material options. Promotion of these 'A+' rated products and systems brings clarity to the specification process thus achieving the desired effect of minimising the environmental impact of the construction process.

Alumasc Facades thermally efficient EWI systems utilise 'A+' rated, Zero ODP (ozone depletion potential) insulations as standard. Not only do these systems minimise a building's energy requirement, reducing its carbon footprint, their installation can help make efficient use of housing stock by extending the life of existing dwellings.

## Environmental Profiling and Continual Development

Aluminium and cast iron - used extensively in Alumasc Rainwater and Drainage systems are both 100% recyclable, in that the recycled material suffers no loss of properties. Aluminium has the lowest embodied energy of any processed metal and the recycling process, from which 70% of the world's stocks come, uses only about 5% of the energy required during primary production. Alumasc are at the forefront in their use of new and emerging production technologies as well as those for use directly in the building construction. Continuing to put responsibly sourced and utilised materials at the heart of future development not only benefits the wider environment but also provides peace of mind for specifiers and end users as to the pedigree and 'green' lineage of all Alumasc products.