

A photograph of a modern, multi-story building with a glass facade. The building has several balconies with glass railings. A man in a blue t-shirt and dark trousers is walking in the foreground on a sidewalk. The sky is clear and blue.

ENVIRONMENTAL POLICY

ALUCRAFT

REFLECTING EXCELLENCE

Alucraft Systems Limited recognises that its activities have an impact on the environment and is committed to improve its environmental performance and minimise the harmful effects through caring policies and effective management to protect the environment, including the prevention of pollution.

Alucraft Systems Limited accepts and acknowledges its obligations and responsibilities under legislation and guidance dealing with environmental issues that effect or arise in consequence of its business. We will apply, identify and determine the environmental issues requiring attention and implementation of the measures to achieve continuous improvement.

As a responsible company, our commitment to sustainable solutions for the building envelope is total, covering everything from the materials we use to the behaviours we adopt.

We recycle as much waste as possible, cardboard, paper, scrap, aluminium off cuts and electronic equipment are all sent to registered recycling outlets, toner and ink cartridges are refilled or recycled, thus reducing the overall amount of waste sent to landfill.

We also strive to provide quality products with the best U and G values and calculations are always provided to prove this.

Our systems are manufactured from aluminium. Besides being light and strong, aluminium is resistant to corrosion and may be polyester powder coated or anodised to further enhance its natural durability. Although an organic material, it does not age, is impervious to ultra-violet and requires little maintenance.

In this context, it is worth noting that 70% of all aluminium currently in use has been recycled. This not only saves on the use of raw materials, but also on the costs of manufacturing since re-smelting aluminium can save up to 95% of the energy needed to produce the primary product. Finally, since it is estimated that current reserves of its raw material, Bauxite, will last for at least 300 years, aluminium can be viewed as the ultimate sustainable material.

All our aluminium systems, whether it be curtain walling, windows, doors or complete facades, offer high levels of thermal insulation minimising a building's carbon footprint and enabling architects to meet or exceed Building Regulations. We also offer a Sun Control range of large louvre shading systems.

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These help to control the internal temperature of a building, reducing solar gain and thus the need for energy-intensive air-conditioning.

In addition, a range of solar thermal heating products and the latest and most sophisticated photovoltaic systems are available to draw energy from daylight rather than simply sunlight, maximising the opportunities for its use and raising the efficiency of sustainable energy generation to a new level.

Our specialised software solutions for design, construction, calculation and fabrication make a further contribution to sustainability. By employing this software, the overall energy consumption of buildings may be reduced, as will be the energy needed to manufacture the individual components of the system.

Our goal is to find the most sustainable solution for any given project, enabling the building to meet emissions targets and to make a positive contribution to reducing our overall carbon



Ian Davy
Managing Director

16th July 2021

Date