

Responsible Sourcing 2024

*from the UK's leading supplier
of aluminium systems*

 **smart**



We're working towards a smarter and more SUSTAINABLE FUTURE

Over the past forty years, Smart has grown to become the UK's leading supplier of aluminium systems and bespoke aluminium extrusions, building a reputation for both the quality of its products and its product innovation, design and technical expertise.

Our products and systems are proven in a wide range of new-build and refurbishment projects throughout the UK, spanning the complete range of commercial, public sector and residential applications.

Based in Yatton, North Somerset, our purpose built premises house state-of-the-art extrusion, finishing, manufacturing, warehousing and distribution facilities. Our own fleet of lorries makes daily deliveries to a network of fabricators and installers across the UK. Employing around 600 people, we have an annual turnover in excess of £120 million.



*We're committed to
be amongst the most
sustainable and
responsibly sourced
aluminium profile
companies in the
UK*

A large stack of aluminum coils, showing the circular cross-sections of the rolls, arranged in a diagonal pattern from the bottom left towards the top right. The background is a clear blue sky with some light clouds.

75%

OF ALUMINIUM

ever made is still in use today, 40% of which has already been recycled.



5%

**OF THE TOTAL
ENERGY USED**

to produce aluminium
is required to recycle it

Enabling employees to advance and

DEVELOPING POTENTIAL

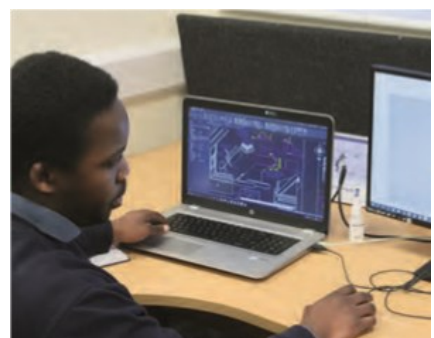
We employ around 600 people at our Yatton site. Whilst most of our employees live within a 15-mile radius, we have a diverse and inclusive workforce, with colleagues hailing from across the UK, Europe and beyond.

Where possible, we seek to develop and promote employees within the business, with advancements to supervisory and management roles, the development of technical skills and apprenticeships.

Our team leaders are empowered to identify training needs and develop potential, enabling people to grow and develop organically without the pressure of 'management involvement'. When a training need is identified, if it is appropriate and practical, it is addressed by third party training, delivering certification for the trainee and aiding their continuing professional development.



Our people are the heart of our business, which over the last 40 years has grown to become the leading supplier of aluminium systems in the UK



We take extra precautions to protect **OUR EMPLOYEES & LOCAL COMMUNITIES**

We are aware that we operate in a business environment where the potential for business ethics to be violated or breached exists.

Whilst we are able to operate with a large degree of freedom, we are bound not only by our own ethics, but also by those of our parent company, Corialis.

On completion of their induction, each employee signs a group-wide code of conduct, in which they are expected to follow the established Whistleblowing Policy, should the need arise.

The risk associated with bribery and corruption is assessed by the business regularly, to ensure legal and ethical compliance.





*Our workforce is
around 600 people
of which 90% live
within a 10 mile
radius of our facility*

Local communities

As one of the largest local employers and the most active manufacturing facility in the area, we realise that our activities can have both positive and negative impacts on the local community.

We are proud to support local companies where possible and practical, including catering, consultancy, technical services, hotels and transport businesses.

The nature of our operation makes it difficult for us to host groups of local stakeholders, however through meetings and consultations, we have involved the community at each stage of our site development.

As with any relationship, there are times when parties disagree, and we treat any community complaint with the same degree of seriousness and level of importance as we would if it were from a customer or regulator.

OUR 360° APPROACH



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We aim to promote an understanding of environmental issues among our staff, customers, suppliers, and stakeholders, in relation to our business. Our common goal is to ensure we continually improve the environmental impact of all our activities.

Our pursuit in minimising our environmental impacts is integral to the success of our Environmental Management System. Smart has been an certified to ISO 14001 since 2011, and endeavours to show continual improvements and investments in product efficiency, waste capture, recycling, and sustainable power generation.



We capture and store up to **900,000 litres** of rainwater for re-use in production



We're continually improving our range of **renewable energy** sources



100%

**RESPONSIBILITY
SOURCED**

We source of aluminium from
the leading low carbon,
responsible suppliers



We ensure our aluminium billet is RESPONSIBLY SOURCED

How and from whom a company purchases materials can impact the broader environment in many ways.

We recognise that to ensure product sustainability we must ensure 100% material traceability and ensure our suppliers uphold high environmental, social, and quality based standards. In 2016 we made the decision to pursue certification to BES 6001 to ensure and prove our products have been responsibly sourced, particularly bauxite.

We require much more than affordability from our suppliers; standardised management systems must be in place to identify and reduce their quality, environmental and health and safety risks. As a direct result of this, a key supplier reports that their production sits below the industry average for energy consumption per kilogram of aluminium produced at 13.9kWh per kg; with 70% of their total production related energy consumption coming from renewable sources.

We are pleased to report in 2024, despite complications in global raw material supply chains, 100% of our constituent aluminium was sourced from suppliers that hold certification to: ISO 9001:2015 Quality Management, ISO 14,001:2015 Environmental Management and ISO 45,001:2018 Occupational Health & Safety Management



Why aluminium's lifecycle makes it **THE 'GREENEST' METAL ON EARTH**



Economical Recycling

Recycling aluminium takes just 5% of the total energy that was used to produce it from its raw material

Aluminium is commonly referred to as the ultimate building material. It is durable, light-weight, resistant to both corrosion and pollutants giving aluminium products a life cycle measured in decades rather than years. It is 100% recyclable, losing none of its material qualities in the recycling process. Large reserves of bauxite ore and the quality of the recycled aluminium offer a building material that is not only sustainable but also effectively inexhaustible.



Bauxite Extraction



Alumina Refining

The lifecycle of aluminium, and aluminium profiles is widely known and understood. With aluminium products recycled worldwide, it is believed that 75% of aluminium produced in the 1880's is still in use today.

We consider the lifecycle of our products from the design room drawing board, through to production and beyond.

Identifying, for example, the risks that chromates hold in powder coating; the impact of energy demand in extrusion and the transportation of our products across the UK.

Detailed and thorough environmental product declarations, footprint calculations and lifecycle studies have been carried out by various aluminium sector trade bodies, action groups, and industry councils - as well as on our own specific examples. Our objective is to improve the impact of our product across its lifecycle.



During the painting process, our advanced technology allows us to capture 98% of the excess powder from the booth. This powder can then be reused or recycled.



Resource Use

We are committed to reducing the environmental impact of our products. Aluminium billet and polyamide insulating profiles encompass the make-up of our constituent materials. As per request we offer a 60um powder coat to ensure long life.

Through the design of our systems and their related profiles, we seek to minimise the amount of material used, whilst retaining the strength and durability of the finished products. We are pleased to report that in 2021, 24.2% of our incoming billet was recycled. Our vertical powder coating lines are designed to capture and reuse 98% of excess powder. We optimise our resource use in cutting of material during fabrication and tailoring project specific designs to meet

specific performance requirements. Our customers receive software tools and training concomitant to product sale, enabling them to assess minimum profile criteria based on wind load/specification

We also recognise that our products have an impact on resource use at the end of their lives. Primarily, we systematically ensure our product have a long-life span by producing repairable and upgradeable products. Our products reach the end of their life with a typical recycle rate of 95% and require no dedicated retrieval scheme due to negligible hazardous material and aluminium being widely recycled